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Canada Research Chair in Healthcare Analytics, Management, and Policy
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PubMed Bibliography: <https://www.ncbi.nlm.nih.gov/myncbi/browse/collection/54188863/>

1. EDUCATION

PhD – Management Science & Engineering, Stanford University 2013
Dissertation: Optimal Information Collection for Dynamic Health Care Policy
Advisors: Margaret L. Brandeau and Thomas A. Weber

MS – Statistics, Stanford University 2011

BA (Hons Business Administration) – Ivey Business School, Western University 2005

BSc (Hons Biochemistry) – Schulich School of Medicine and Dentistry, Western University 2003
Thesis: Characterisation and Crystallization of the Vinculin C-terminus
Supervisor: Dr. Eric H. Ball

2. PROFESSIONAL EXPERIENCE AND ACADEMIC APPOINTMENTS

2021– Ontario COVID-19 Modelling Consensus Table, Ontario Science Advisory Table

2021– Deputy Editor, *Medical Decision Making* and *MDM Policy & Practice*

2019– Associate Professor, Management Science, Ivey Business School, Western University, London, ON
Director, PhD program 2019–2021

2019– Associate Professor, Epidemiology and Biostatistics, Schulich School of Medicine and Dentistry, Western University, London, ON

2017– THETA Investigator, Toronto Health Economics and Technology Assessment Collaborative, University of Toronto

2013–2019 Assistant Professor, Management Science, Ivey Business School, Western University, London, ON

2013–2019 Assistant Professor, Epidemiology and Biostatistics, Schulich School of Medicine and Dentistry, Western University, London, ON

June–Aug 2017; Visiting Researcher, Center for Primary Care and Outcomes Research and the Center for
Feb–Aug 2016; Health Policy, Stanford Medical School, Stanford, CA
Feb–July 2015

Apr–May 2012 Visiting Researcher, Management of Technology and Entrepreneurship Institute (MTEI),
École Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland

2009	Research Assistant to Dr. Kristan Staudenmayer, Department of Surgery, Stanford Hospital, Stanford, CA
2008	Consultant, “Cost Sharing–Cost Growth” Project, with Michael Chernew, Harvard Medical School, to the Office of the Actuary, Long Term Forecasting Team, Centers for Medicare and Medicaid Services
2006–2008	Research Scientist, Institute for Technology Assessment, Massachusetts General Hospital, Boston, MA
2004–2006	Queuing Project Manager, Ontario Joint Replacement Registry, London Health Sciences Centre, London, ON

3. SCHOLARSHIPS, FELLOWSHIPS, HONORS, AND AWARDS

2021-2026	Canada Research Chair in Healthcare Analytics, Management, and Policy
2021	Finalist (Top 3) INFORMS Case Competition, “Pennsylvania Dominion”
2019	Dr. Maurice McGregor Award, Canadian Agency for Drugs and Technologies in Health
2018	Seth Bonder Foundation Research Award, Institute for Operations Research and the Management Sciences (INFORMS)
2017–2020	David G. Burgoyne Faculty Fellowship, Ivey Business School
2017	Bridge Award (recognizes research that has impact beyond the traditional Social Sciences Citation Index categories of Business and Management), Ivey Business School
2016	University Student’s Council Teaching Honour Roll Award of Excellence, Western University
2015	Seth Bonder Foundation Research Award, Institute for Operations Research and the Management Sciences (INFORMS)
2014	Finalist (Top 3) Production and Operation Management Society (POMS) College of Healthcare Operations Management Best Paper Competition
2012	Seth Bonder Foundation Research Award, Institute for Operations Research and the Management Sciences (INFORMS)
2012	Lee B. Lusted Student Prize Award for outstanding presentations of research in Applied Health Economics, Annual Meeting of the Society for Medical Decision Making
2012	Course Assistant Award, Department of Management Science & Engineering, Stanford University
2011	Seth Bonder Scholarship for Applied Operations Research in Health Services, INFORMS
2011	Award for Outstanding Short Course, Society for Medical Decision Making Annual Meeting
2011	Centennial Teaching Assistant Award, Stanford University
2011	Deborah Karen Bosch Memorial Fellowship, Department of Management Science & Engineering, Stanford University
2008–2012	Doctoral Fellowship, Social Sciences and Humanities Research Council of Canada (SSHRC)
2005	Ivey Scholar (top 10% of students in both years of study), Ivey Business School, Western University
2004	Undergraduate Student Research Award, Natural Sciences and Engineering Research Council of Canada (NSERC)

4. PUBLICATIONS

a. Publications in Refereed Journals

1. Cerasuolo J, Mandzia J, **Cipriano LE**, Kapral M, Fang J, Hachinski V, Sposato L. Intravenous Thrombolysis after First-Ever Ischemic Stroke and Reduced Incident Dementia Rate. *Stroke*. 2021. Accepted for publication. (November 5, 2021)
2. **Cipriano LE**, Haddara WMR, Sander B. Mitigating the 4th wave of the COVID-19 pandemic in Ontario. Posted on medRxiv, September 5, 2021. 2021.09.02.21263000; doi: <https://doi.org/10.1101/2021.09.02.21263000>
 - CBC London Morning (September 8):
 - CBC News (September 8): <https://www.cbc.ca/news/canada/london/how-bad-could-the-fourth-wave-get-buckle-up-it-could-get-worse-than-the-third-1.6167769>
3. Avan A, Hachinski V. and the Brain Health Learn and Act Group. Brain health: key to health, productivity, and wellbeing. *Alzheimer's & Dementia*. In Press. [doi: 10.1002/alz.12478]
4. Avan A, Amiri A, Mokhber N, Erfanian M, **Cipriano LE**, Stranges S, Shojaeian babaei G, Abootalebi S, Azarpazhooh MR. Association of lewy bodies, hippocampal sclerosis and amyloid angiopathy with dementia in community-dwelling elderly: A systematic review and meta-analysis. *Journal of Clinical Neuroscience*. 2021;90:124-131.
5. Vilches TN, Nourbakhsh S, Zhang K, Juden-Kelly L, **Cipriano LE**, Langley JM, Galvani AP, Moghadas SM. Multifaceted strategies for the control of COVID-19 outbreaks in long-term care facilities in Ontario, Canada. *Preventive Medicine*. 2021; 148: 106564. [\[doi.org/10.1016/j.ypmed.2021.106564\]](https://doi.org/10.1016/j.ypmed.2021.106564)
 - Posted to medRxiv, December 7, 2020. Available at: <https://www.medrxiv.org/content/10.1101/2020.12.04.20244194v1>
6. **Cipriano LE**, Haddara WMR, Zaric GS, Enns EA. Impact of university re-opening on total community COVID-19 burden. *Plos One*. 2021; 16(8):e0255782.
 - Posted to medRxiv, September 18, 2020. Available at: <https://www.medrxiv.org/content/10.1101/2020.09.18.20197467v1>
 - CBC London Morning (October 6): <https://www.cbc.ca/listen/live-radio/1-158-london-morning/clip/15801791-are-university-students-among-biggest-covid-19-spreaders>
 - CTV London (Sept 25): <https://london.ctvnews.ca/university-towns-could-see-double-covid-19-infection-rates-in-single-semester-1.5120540>
 - London Free Press (Sept 25): <https://lfpres.com/opinion/columnists/column-school-return-proves-pandemic-will-be-marathon-not-sprint>
 - Global News (Sept 23): <https://globalnews.ca/news/7352758/covid-19-infection-rates-university-college-students/>
 - London Free Press (Sept 22): <https://lfpres.com/news/local-news/western-covid-study-looks-at-impact-of-returning-students-on-cities-like-london>
7. Critchley GJ*, **Cipriano LE**, Zaric GS, Goldhaber-Fiebert JD. Optimal coordination in multi-payer health care systems. Revise and resubmit, *Operations Research*. * *PhD student*
8. Yarmol-Matusiak EA*, Cipriano LE, Stranges S. A comparison of COVID-19 epidemiological indicators in Sweden, Norway, Denmark, and Finland. *Scandinavian Journal of Public Health*. 2021; 49(1):69-78. [\[doi.org/10.1177/1403494820980264\]](https://doi.org/10.1177/1403494820980264) * *Undergraduate student*
9. The OUD Modeling writing group (Bansback NJ, Barbosa C, Barocas J, Bayoumi AM, Behrends C, Chhatwal J, **Cipriano LE**, Coffin P, Goldhaber-Fiebert JD, Hoch J, Irvine M, Jalal H, Krebs E, Linas BP, Marshall BDL, Martin N, McCollister K, Meisel Z, Murphy S, Nosyk B, Schackman BR, Zarkin G) How simulation modeling can support the public health response to the opioid crisis in North

- America: setting priorities and assessing value. *International Journal of Drug Policy*. 2021; 8 (February): 102726. [doi: [10.1016/j.drugpo.2020.102726](https://doi.org/10.1016/j.drugpo.2020.102726)].
10. Fairley M*, **Cipriano LE**, Goldhaber-Fiebert JD. Optimal allocation of research funds under a budget constraint. *Medical Decision Making*. 2020; 40(6):797–814. * *PhD student*
 11. Formosa EA, Grainger LA, Roseborough AD, Sereda AM, **Cipriano LE**. A survey of Canadian, Student-Run Campus Emergency Medical Response Teams. *Journal of Collegiate Emergency Medical Services*. 2020;3(2): 1-9.
 12. Roseborough AD*, Langdon KD, Hammond R, **Cipriano LE**, Pasternak SH, Whitehead SN, Khan AR. Post-mortem 7 Tesla MRI detection of white matter hyperintensities: A multidisciplinary voxel-wise comparison of imaging and histological correlates. *NeuroImage: Clinical*. 2020; 27:102340. [doi: [10.1016/j.nicl.2020.102340](https://doi.org/10.1016/j.nicl.2020.102340)] * *PhD student*
 13. Azarpazhooh MR, Avan A, **Cipriano LE**, Munoz DG, Erfanian M, Amiri A, Stranges S, Hachinski V. A third of community-dwelling elderly with intermediate and high level of Alzheimer’s neuropathologic changes are not demented: A meta-analysis. *Ageing Research Reviews*. 2020; 58:101002. (12 pages) [doi: [10.1016/j.arr.2019.101002](https://doi.org/10.1016/j.arr.2019.101002)]
 14. Chehrazi N, **Cipriano LE**, Enns EA. Dynamics of drug resistance: optimal control of an infectious disease. *Operations Research*. 2019; 67(3):619–650.
 15. Ma C, Guizzetti L, **Cipriano LE**, Parker CE, Nguyen TM, Gregor JC, Chande N, Feagan BG, Jairath V. Systematic review with meta-analysis: high prevalence and cost of continued aminosalicilate use in patients with ulcerative colitis escalated to immunosuppressive and biological therapies. *Alimentary Pharmacology & Therapeutics*. 2019; 49(4):364–374.
 16. Sheehan DF, Criss SD, Chen Y, Eckel A, Palazzo L, Tramontano A, Hur C, **Cipriano LE**, Kong CY. Lung cancer costs by treatment strategy and phase of care among patients enrolled in Medicare. *Cancer Medicine*. 2019; 8(1):94–103.
 17. Mickle K, Lasser KE, Hoch JS, **Cipriano LE**, Dreitlein WB, Pearson SD. The effectiveness and value of patisiran and inotersen for hereditary transthyretin amyloidosis: A summary from the Institute for Clinical and Economic Review’s midwest comparative effectiveness public advisory council. *Journal of Managed Care & Specialty Pharmacy*. 2019; 25(1):10–15.
 18. Cerasuolo JO*, Azarpazhooh MR, Kapral MK, **Cipriano LE**, Hachinski V. Evidence of concomitantly increasing stroke and dementia prevalence among those 80 years and older in Ontario, Canada, 2002/03 to 2013/14. *Canadian Journal of Neurological Sciences*. 2019; 46(1):105–107. * *PhD student*
 19. Ruiz Vargas E*, Sposato LA, Lee SAW**, Hachinski V, **Cipriano LE**. Anticoagulation therapy for atrial fibrillation in patients with dementia: a cost effectiveness analysis. *Stroke*. 2018. 49(12):2844–2850. * *postdoctoral fellow* ** *undergraduate research assistant*
 20. **Cipriano LE**, Weber TA. Population-level intervention and information-collection in dynamic healthcare policy. *Health Care Management Science*. 2018; 21(4):604–631.
 21. **Cipriano LE**, Zaric GS. Cost-effectiveness of naloxone kits in secondary schools. *Drug and Alcohol Dependence*. 2018; 192:352–361.
 - CTV news London report: <https://london.ctvnews.ca/no-naloxone-kits-for-london-area-high-schools-1.4192981>
 - CTV news video: <https://www.ctvnews.ca/video?clipId=1240055>
 - London Free Press: <https://lfpres.com/news/local-news/western-researchers-study-overdose-antidote-in-high-schools>

- Local radio coverage: <https://www.1069thex.com/2018/12/09/no-naloxone-for-london-area-high-schools/>
22. **Cipriano LE**, Goldhaber-Fiebert JD, Liu S, Weber TA. Optimal information collection policies in a Markov decision process framework. *Medical Decision Making*. 2018; 38(7):797–809.
 23. **Cipriano LE**, Liu S, Shahzada KS*, Holodniy M, Goldhaber-Fiebert JD. Economically efficient hepatitis C virus treatment prioritization improves health outcomes. *Medical Decision Making*. 2018; 38(7): 849–865.
* undergraduate research assistant
 24. Ma C, Dutton SJ, **Cipriano LE**, Singh S, Parker CE, Nguyen TM, Guizzetti L, Gregor JC, Chande N, Hindryckx P, Feagan BG, Jairath V. Systematic review with meta-analysis: prevalence, risk factors and costs of aminosalicylate use in Crohn's disease. *Alimentary Pharmacology and Therapeutics*. 2018; 48(2):114–126.
 25. **Cipriano LE**, Goldhaber-Fiebert JD. Population health and cost-effectiveness implications of a “treat all” recommendation for HCV: A review of the model-based evidence. *Medical Decision Making: Policy & Practice*. 2018 May; 3(1). (27 pages) [doi: 10.1177/2381468318776634]
 - An earlier version of this paper was submitted as a report and presentation to the World Health Organization (WHO) Hepatitis C Virus Guideline Development Group to contribute to a discussion around updating the WHO hepatitis C recommendations.
 26. Sposato LA, Cerasuolo JO, **Cipriano LE**, Fang J, Fridman S, Paquet M, Saposnik G. Atrial fibrillation detected after stroke is related to a low risk of ischemic stroke recurrence. *Neurology*. 2018; 90(11):e924–e931.
 27. Paquet M, Cerasuolo JO, Thorburn V, Balint B, Fridman S, Lopes RD, Salamone P, Alsubaie R, **Cipriano LE**, Melling CWJ, Khan AR, Sedeño L, Fang J, Drangova M, Montero-Odasso M, Mandzia J, Khaw AV, Racosta JM, Paturel J, Koschinsky ML, Boffa MB, Summers K, Ibañez A, Mrkobrada M, Saposnik G, Kimpinski K, Whitehead SN, Sposato LA. Pathophysiology and Risk of Atrial Fibrillation Detected after Ischemic Stroke (PARADISE) study: A translational, integrated, and transdisciplinary approach. *Journal of Stroke and Cerebrovascular Diseases*. 2018; 27(3):606–619.
 28. Azarpazhooh MR*, Avan A*, **Cipriano LE**, Munoz DG, Sposato LA, Hachinski V. Concomitant vascular and neurodegenerative pathologies double the risk of dementia. *Alzheimer's & Dementia*. 2018; 14(2):148–156.
*co-first authors
 29. Lee SAW*, Sposato LA, Hachinski V, **Cipriano LE**. Cost effectiveness of cerebrospinal biomarkers for the diagnosis of Alzheimer's disease. *Alzheimer's Research & Therapy*. 2017; 9:18. (14 pages) [doi: 10.1186/s13195-017-0243-0]
* Undergraduate summer research assistant
 30. Cerasuolo JO*, **Cipriano LE**, Kapral MK, Fang, J, Gill SS, Hackam DG, Sposato LA, Hachinski V. Population-based stroke and dementia incidence trends: age and sex variation. *Alzheimer's & Dementia*. 2017; 13(10):1081–1088.
* PhD student
 - CTV news London report: <http://london.ctvnews.ca/video?clipId=1118748>
 31. Sposato LA, Ruiz Vargas E, Riccio PM, Toledo JB, Trojaowski JQ, Kukull WA, **Cipriano LE**, Nucera A, Whitehead SN, Hachinski V. Milder Alzheimer's disease pathology in heart failure and atrial fibrillation. *Alzheimer's & Dementia*. 2017; 13(7):770–777.
 32. Cerasuolo JO*, **Cipriano LE**, Sposato LA. The complexity of atrial fibrillation newly diagnosed after ischemic stroke and transient ischemic attack: advances and uncertainties. *Current Opinion in Neurology*. 2017; 30(1):28–37.
* PhD student
 33. Bahit MC, Coppola ML, Riccio PM, **Cipriano LE**, Roth GA, Lopes RD, Feigin VL, Borrego Guerrero B, De Martino M, Díaz A, Ferrante D, Funaro F, Lavados P, Lewin ML, López DH, Macarrone P,

- Marciello R, Marino D, Martens C, Martínez P, Odriozola G, Rabinstein AA, Saposnik G, Silva D, Suasnabar R, Truelsen T, Uzcudun A, Viviani CA, Sposato LA. First-ever stroke and transient ischemic attack incidence and 30-day case-fatality rates in a population-based study in Argentina. *Stroke*. 2016; 47(6): 1640–1642.
34. Joundi RA*, **Cipriano LE***, Sposato LA, Saposnik G. Ischemic stroke risk in patients with atrial fibrillation and CHA₂DS₂-VASc score of 1: Systematic review and meta-analysis. *Stroke*. 2016; 47(5):1364–1367.
 - * *Co-first authors*
 - Cited by the 2016 European Society of Cardiology (ESC) guidelines for the management of atrial fibrillation (Kirchhof, P., et al. 2016 ESC Guidelines for the management of atrial fibrillation developed in collaboration with EACTS. *Eur Heart J*. 2016; 37(38): 2893–2962.)
 35. Sposato LA, Kapral MK, Gill SS, Hackam DG, **Cipriano LE**, Hachinski V. Declining incidence of stroke and dementia: Coincidence or prevention opportunity? *JAMA Neurology*. 2015; 72(12):1529–1531.
 36. Sposato LA, **Cipriano LE**, Riccio PM, Hachinski V, Saposnik G. Very short paroxysms account for more than half of the cases of atrial fibrillation detected after stroke and TIA: a systematic review and meta-analysis. *International Journal of Stroke*. 2015; 10(6):801–807.
 37. Racosta JM, Sposato LA, Morrow SA, **Cipriano LE**, Kimpinski K, Kremenchutzky M. Cardiovascular autonomic dysfunction in multiple sclerosis: a meta-analysis. *Multiple Sclerosis and Related Disorders*. 2015; 4(2): 104–111.
 38. Sposato LA, **Cipriano LE**, Saposnik G, Ruíz Vargas E, Riccio PM, Hachinski V. Diagnosis of atrial fibrillation after stroke and transient ischemic attack: a systematic review and meta-analysis to guide clinical decision making. *Lancet Neurology*. 2015; 14(4): 377–387.
 - Cited by the 2016 European Society of Cardiology (ESC) guidelines for the management of atrial fibrillation (Kirchhof, P., et al. 2016 ESC Guidelines for the management of atrial fibrillation developed in collaboration with EACTS. *Eur Heart J*. 2016; 37(38): 2893–2962.)
 - Cited by the Canadian Agency for Drugs and Technologies in Health (CADTH) Science Report and Recommendations Reports for the monitoring of atrial fibrillation in stroke and transient ischemic attack patients (De Angelis G., et al. Monitoring for atrial fibrillation in discharged stroke and transient ischemic attack patients: a clinical and cost-effectiveness analysis and review of patient preferences. CADTH Optimal Use Reports. Ottawa, Canada. March 2016. (Final Report and Recommendations Report Volume 5. Number 2.)
 39. Enns EA, **Cipriano LE**, Simons CT, Kong CY. Identifying best-fitting inputs in health economic model calibration: a Pareto frontier approach. *Medical Decision Making*. 2015; 25(2): 170–182.
 40. Simons CT, **Cipriano LE**, Shah RU, Garber AM, Owens DK, Hlatky MA. Transcatheter aortic valve replacement in non-surgical candidates with severe, symptomatic aortic stenosis: a cost-effectiveness analysis. *Circulation: Cardiovascular Quality and Outcomes*. 2013; 6(4): 419–428.
 41. Liu S, **Cipriano LE**, Holodniy M, Goldhaber-Fiebert JD. Cost-effectiveness analysis of risk-factor guided and birth-cohort screening for chronic hepatitis C infection in the United States. *PLoS One*. 2013; 8(3): e58975. (14 pages)
 - Cited by the U.S. Preventive Services Task Force recommendation statement on hepatitis C virus screening (Moyer VA. Screening for hepatitis C virus infection in adults: U.S. Preventive Services Task Force recommendation statement. *Annals of Internal Medicine*. 2013; 159(5):349–357.)
 - Cited by the 2016 World Health Organization (WHO) hepatitis C testing guidance for low- and middle-income countries (Easterbrook PJ. Who to test and how to test for chronic hepatitis C infection - 2016 WHO testing guidance for low- and middle-income countries. *Journal of Hepatology*. 2016; 65(1):S46–S66.)

42. Tramontano AC, **Cipriano LE**, Kong CY, Shepard JO, Lanuti M, Gazelle GS, McMahon PM. Microsimulation modeling predicts a survival benefit after radiofrequency ablation and stereotactic body radiotherapy when compared to radiotherapy in the treatment of medically inoperable stage I non-small cell lung cancer. *American Journal of Roentgenology*. 2013; 200(5): 1020–1027.
43. **Cipriano LE**, Zaric GS, Holodny M, Bendavid E, Owens DK, Brandeau ML. Cost effectiveness of screening strategies for early identification of HIV and HCV infection in injection drug users. *PLoS One*. 2012; 7(9): e45176. (14 pages)
- Profiled in the National Institute on Drug Abuse’s “NIDA Notes” (April 3, 2014): <http://www.drugabuse.gov/news-events/nida-notes/2014/04/expanded-hiv-screening-projected-to-decrease-spread-virus>
 - Cited by the 2016 World Health Organization (WHO) hepatitis C testing guidance for low- and middle-income countries (Easterbrook PJ. Who to test and how to test for chronic hepatitis C infection - 2016 WHO testing guidance for low- and middle-income countries. *Journal of Hepatology*. 2016; 65(1):S46–S66.)
44. McMahon PM, Kong CY, Johnson BE, Weinstein MC, Weeks JC, Tramontano AC, **Cipriano LE**, Bouzan C, Gazelle GS. Chapter 9. The MGH ITA Lung Cancer Policy Model: tobacco control versus screening. *Risk Analysis*. 2012; 32 Suppl 1: S117–124.
45. Park KT, Tsai R, Perez F, **Cipriano LE**, Bass D, Garber AM. Cost-effectiveness of early colectomy with ileal pouch-anal anastomosis versus standard medical therapy in severe ulcerative colitis. *Annals of Surgery*. 2012; 256(1): 117–124.
46. **Cipriano LE**, Levesque BG, Zaric GS, Loftus EV, Sandborn WJ. Cost-effectiveness of imaging strategies to reduce radiation-induced cancer risk in Crohn’s disease. *Inflammatory Bowel Disease*. 2012; 18(7): 1240–1248.
- Cited by the European Society of Gastrointestinal Endoscopy (ESGE) clinical guidelines for the diagnosis and treatment of small-bowel disorders (Pennazio M, et al. Small-bowel capsule endoscopy and device-assisted enteroscopy for diagnosis and treatment of small-bowel disorders: European Society of Gastrointestinal Endoscopy (ESGE) Clinical Guideline *Endoscopy*. 2015; 47(4): 352–376. Available at: <https://www.esge.com/enterosocopy-and-small-bowel-endo.html>)
 - Cited in best-practice guidelines: Walsh A, Bryant R, Travis S. Current best practice for disease activity assessment in IBD. *Nature Reviews*. 2016; 13(10): 567–579. <https://doi.org/10.1038/nrgastro.2016.128>
47. Liu S, **Cipriano LE**, Holodny M, Owens DK, Goldhaber-Fiebert JD. New protease inhibitors for the treatment of chronic hepatitis C: a cost-effectiveness analysis. *Annals of Internal Medicine*. 2012; 156(4): 279–290.
- Watch a PBS public awareness segment about hepatitis C that also profiles the findings of our study (interview with Goldhaber-Fiebert): <https://www.youtube.com/watch?v=dTe-0DKx0Pk>
48. McMahon PM, Kong CY, Bouzan C, Weinstein MC, **Cipriano LE**, Tramontano AC, Johnson BE, Weeks JC, Gazelle GS. Cost-effectiveness of computed tomography screening for lung cancer in the United States.. *Journal of Thoracic Oncology*. 2011; 6(11): 1841–1848.
49. Pietzsch JB, Garner A, **Cipriano LE**, Linehan JH. An integrated health-economic analysis of diagnostic and therapeutic strategies in the treatment of moderate-to-severe obstructive sleep apnea. *Sleep*. 2011; 34(6): 695–709.
50. Chang SL, **Cipriano LE**, Harshman LC, Garber AM, Chung BI. Cost-effectiveness analysis of nephron-sparing options in the management of small renal masses. *Journal of Urology*. 2011; 185(5): 1591–1597.

51. **Cipriano LE**, Romanus D, Earle CC, Neville BA, Halpern EF, Gazelle GS, McMahon PM. Lung cancer treatment costs over time, including patient responsibility, by stage of disease and treatment modality, 1992–2003. *Value in Health*. 2011; 14(1): 41–52.
52. Lee KK, **Cipriano LE**, Owens DK, Go AS, Hlatky MA. Cost-effectiveness of using high sensitivity C-reactive protein to identify intermediate and low cardiovascular risk individuals for statin therapy. *Circulation*. 2010; 122(15): 1478–1487.
 - Identified by the journal’s editors as one of 28 “most important” and “most read” manuscripts published in *Circulation* or any of its subspecialty journals in the previous two years (The Editors. Most read in *Circulation: Cardiovascular Quality and Outcomes* *Circulation*. 2011;124:e544–e551. Available at: <http://circ.ahajournals.org/content/124/21/e544>)
53. **Cipriano LE**, Barth WH, Zaric GS. The cost-effectiveness of targeted and universal screening for vasa previa at 18–20 weeks gestation in Ontario. *BJOG: An International Journal of Obstetrics and Gynaecology*. 2010; 117(9): 1108–1118.
 - Cited by Jauniaux ERM, Alfirevic Z, et al. on behalf of the Royal College of Obstetricians and Gynaecologists. Vasa praevia: diagnosis and management. Green-top Guideline No. 27b. *BJOG: An International Journal of Obstetrics and Gynaecology* 2019; 126(1): e49–e61.
 - Cited by the Vasa Praevia guidelines of the Royal Australian and New Zealand College of Obstetricians and Gynaecologists (C-Obs 47) Endorsed July 2012; last reviewed July 2016. Available at: <http://www.ranzcog.edu.au/Statements-Guidelines>
 - Cited by the Vasa previa and placenta praevia screening guidelines of the UK National Screening Committee. (Wood PL. Vasa praevia and placenta praevia screening in pregnancy. External review against programme appraisal criteria for the UK National Screening Committee (UK NSC). Version 1. April 2013. Available at: <https://legacyscreening.phe.org.uk/vasapraevia>)
54. Levesque BG, **Cipriano LE**, Chang SL, Lee KK, Owens DK, Garber AM. Cost effectiveness of alternative imaging strategies for the diagnosis of small-bowel Crohn's disease. *Clinical Gastroenterology and Hepatology*. 2010; 8(3): 261–267.
55. **Cipriano LE**, Steinberg M, Gazelle GS, Gonzalez RG. Comparing and predicting the costs and outcomes of major and minor stroke patients using a neuroimaging classification system. *AJNR American Journal of Neuroradiology*. 2009; 30(4): 703–709.
56. McMahon PM, Kong CY, Weinstein MC, Tramontano AC, **Cipriano LE**, Johnson BE, Weeks JC, Gazelle GS. Adopting helical CT screening for lung cancer: potential health consequences over a fifteen-year period. *Cancer*. 2008; 113(12): 3440–3449.
57. **Cipriano LE**, Chesworth BM, Anderson CK, Zaric GS. An evaluation of strategies to reduce waiting times for total joint replacement in Ontario. *Medical Care*. 2008; 46(11): 1177–1183.
58. **Cipriano LE**, Chesworth BM, Anderson CK, Zaric GS. Predicting joint replacement waiting times. *Health Care Management Science*. 2007; 10(2): 195–215.
59. **Cipriano LE**, Rupar CA, Zaric GS. The cost-effectiveness of expanding newborn screening for up to 21 inherited metabolic disorders using tandem mass spectrometry: results from a decision-analytic model. *Value in Health*. 2007; 10(2): 83–97.

b. Technical Reports

1. **Cipriano LE**, Zaric GS, Haddara WMR. Hospital capacity and community response planning model for COVID-19 in London-Middlesex. Report to London Health Sciences Centre. March 25, 2020. [Updated April 2, 2020]

2. Inotersen and Patisiran for Hereditary Transthyretin Amyloidosis: Effectiveness and Value. Final Evidence Report. *Prepared for the Comparative Effectiveness Public Advisory Council (CEPAC), Institute for Clinical Economic Review*. October 2018. (189 pages). Available at: <https://icer-review.org/material/amyloidosis-final-report/>
3. Guidelines for the care and treatment of persons diagnosed with chronic hepatitis C virus infection. Geneva: *World Health Organization*; July 2018. (108 pages). Available at: <http://www.who.int/hepatitis/publications/hepatitis-c-guidelines-2018/en/>
4. **Cipriano LE**, Goldhaber-Fiebert JD. The population health and cost-effectiveness implications of a “treat all” recommendation for HCV. *Report to the Hepatitis C virus Guideline Development Group of the World Health Organization (WHO)*. September 2017. (49 pages)
5. De Angelis G, Cimon K, Sinclair A, Farrah K, Cairns J, Baranchuk A, **Cipriano LE**, Akhtar AO, Weeks L, Rader T, Garland S. Monitoring for atrial fibrillation in discharged stroke and transient ischemic attack patients: a clinical and cost-effectiveness analysis and review of patient preferences. *Canadian Agency for Drugs and Technologies in Health (CADTH) Optimal Use Reports*. Ottawa, Canada. March 2016.
 - Project Protocol. Volume 5. Number 2a. [September 2015] (PMID: 26468562)
 - Final Report. Volume 5. Number 2b. (PMID: 27227190)
 - Recommendations. Volume 5. Number 2c. (PMID: 27227191)
6. Goldhaber-Fiebert JD, **Cipriano LE**, Liu S, Holodniy M, Backus L, Yip G, Owens DK, Asch S, Barnett P. How best to offer treatment to all eligible patients with chronic hepatitis C viral infections in the VA health system within the next 3 years. *Report to the U.S. Veterans Health Administration (VA)*. July 2015.
7. Goldhaber-Fiebert JD, Barnett PG, Dally S, Asch SM, Liu S, **Cipriano LE**, Owens DK, Mlake-Lye IM, Beroes JM, Shekelle PG. Assessment of alternative treatment strategies for chronic genotype 1 hepatitis C. Veterans Health Administration (VA) Evidence-based Synthesis Program (ESP) Center Project #05-226. *VA Health Economics Resource Center*. March 2013. (PMID: 23833804)
8. Anderson CK, Bourne RB, Chesworth BM, **Cipriano LE***, Warner S, Zaric GS. Looking forward to 2015: Comparing wait list management options. *Ontario Joint Replacement Registry*. March 2006.
* *Principal author*

c. Letters, Editorials, and Commentaries

1. **Cipriano LE**, Gloor GB, Haddara WMR, Silverman M. Vaccine mandate necessary for Colleges and Universities. *Globe and Mail*. July 29, 2021.
2. **Cipriano LE**. Capsule Commentary on Murray et. al., Antihypertensive medication and dementia risk in older adult African Americans with hypertension: A prospective cohort study. *Journal of General Internal Medicine*. [Invited]. 2018; 33(4):496.
3. Joundi RA, **Cipriano LE**, Sposato LA, Saposnik G. Response to Letter Regarding Article, “Ischemic stroke risk in patients with atrial fibrillation and CHA₂DS₂-VASc score of 1: Systematic review and meta-analysis” *Stroke*. 2016; 47(7):e194.
4. **Cipriano LE**, Sposato LA. Estimating the sensitivity of Holter to detect atrial fibrillation after stroke or transient ischemic attack without a gold standard is challenging. *The American Journal of Cardiology*. 2016; 117(2):314–316.
5. Nucera A, **Cipriano LE**, Hachinski V. Neurovascular units: a new cost-effective model? *Canadian Journal of Neurological Sciences*. 2015; 42(5):281–282.

d. Work-in-Progress

- Goldhaber-Fiebert JD, **Cipriano LE**. Optimal drug pricing for multiple therapeutic uses.
- **Cipriano LE**, Goldhaber-Fiebert JD. Cost-effective patient prioritization in disease-specific treatment budgets.
- Ghamat S, Silverman M, **Cipriano LE**. Influencing primary care antibiotic prescription behavior: insights from a game theory approach.
- Formosa EA, Smith-Rubenzahl L, Roseborough AR, Sereda AM, **Cipriano LE**. Health and economic contributions of volunteer campus community emergency medical response.

e. Published Abstracts

1. Goldhaber-Fiebert JD, **Cipriano LE**, Bhattacharya, J. Pricing treatments cost-effectively when they have multiple indications: not just a simple threshold analysis [PS 4-46] *Medical Decision Making*. 2020; 40(1):E246.
2. Fairley M, **Cipriano LE**, Goldhaber-Fiebert JD. Optimizing portfolios of research studies designed to inform economic evaluations [PS 4-51]. *Medical Decision Making*. 2020; 40(1):E253.
3. Fairley M, **Cipriano LE**, Goldhaber-Fiebert JD. Optimal allocation of clinical trial sample size to subpopulations with correlated parameters [PS 4-55]. *Medical Decision Making*. 2020; 40(1):E260.
4. Critchley G, **Cipriano LE**, Goldhaber-Fiebert JD, Zaric GS. Incentives for optimal coordination in multi-payer health care systems [PS2-2]. *Medical Decision Making*. 2019; 39(1):E61.
5. Fairley M, **Cipriano LE**, Goldhaber-Fiebert JD. Optimal allocation of resources to studies in the presence of heterogeneous treatment effects or heterogeneous risks [PS2-44]. *Medical Decision Making*. 2019; 39(1):E107.
6. **Cipriano LE**, Chehrazi N, Enns EA. Optimal infectious disease treatment policy with drug resistance [Abstract 5O-3]. *Medical Decision Making*. 2018; 38(1):E356.
7. Alarid-Escudero F, Enns EA, Kong CY, **Cipriano LE**. Comparison of calibration methods for natural history simulation models [Abstract 3I-6]. *Medical Decision Making*. 2017; 37(1):E281-282.
8. **Cipriano LE**, Liu S, Shahzada KS, Goldhaber-Fiebert JD. Patient prioritization in disease-specific treatment budgets: the case of chronic hepatitis C treatment [Abstract 4K-4]. *Medical Decision Making*. 2017; 37(1):E293.
9. Cerasuolo JO, Saposnik G, **Cipriano LE**, Fang JM, Paquet M, Sebastian F, Sposato LA. Relatively low-risk of ischemic stroke recurrence in patients with atrial fibrillation detected after ischemic stroke (AFDAS). [Abstract O.03]. *International Journal of Stroke*. 2017; 12(4 Suppl):5.
10. Cerasuolo JO, **Cipriano LE**, Kapral MK, Fang JM, Hadas F, Vladimir H, Sposato LA. Thrombolysis administration following ischemic stroke is associated with lower risk of incident dementia 1 year and 3 years post-stroke. [Abstract O.07]. *International Journal of Stroke*. 2017; 12(4 Suppl):6
11. Cerasuolo JO, Paquet M, Thorburn V, Balint B, Fridman S, Fang J, **Cipriano LE**, Melling CW, Montero-Odasso M, Mrkobrada M, Saposnik G, Kimpinski K, Whitehead SN, Sposato LA. The PARADISE Study: a transdisciplinary approach to study the pathophysiology and risk of atrial fibrillation detected after ischemic stroke. [Abstract PRV.27] *International Journal of Stroke*. 2017; 12(4 Suppl):45-46.
12. Ruiz Vargas E, Sposato LA, Nemati S, Hachinski V, **Cipriano LE**. Anticoagulation therapy for atrial

- fibrillation in patients with dementia: a cost-effectiveness analysis [Abstract PS3–12]. *Medical Decision Making*. 2016; 36(5):E190–E191
13. Lee SAW, Sposato LA, Hachinski V, **Cipriano LE**. Cost-effectiveness of novel Alzheimer’s dementia diagnostics. [Abstract 4L–2]. *Medical Decision Making*. 2016; 36(5):E368.
 14. Sposato LA, Ruiz Vargas E, Piccio PM, Toledo JB, Trojanowski JQ, Kukull WA, **Cipriano LE**, Nucera A, Whitehead SN, Hachinski V. Milder Alzheimer’s disease pathology in heart failure and atrial fibrillation. [Abstract P3.29]. *International Journal of Stroke*. 2016; 11(2 Suppl):59.
 15. Racosta J, Sposato LA, Morrow S, **Cipriano LE**, Kimpiski K, Kremenutzky M. Cardiovascular autonomic dysfunction in multiple sclerosis: a meta-analysis and systematic review [Abstract P1.117]. *Neurology*. 2015; 84(14 Supplement)
 16. **Cipriano LE**, Liu S, Weber TA, Goldhaber-Fiebert JD. Optimal information acquisition policies with parameters that vary across intervention cohorts: application to HCV screening [Abstract O–1]. *Medical Decision Making*. 2014; 34(2):E43.
 17. **Cipriano LE**, Liu S, Weber TA, Goldhaber-Fiebert JD. Optimal information acquisition policies: application to HCV screening [Abstract PRM56]. *Value in Health*. 2014; 17(3):A190–A191.
 18. Enns EA, **Cipriano LE**, Simons CT, Kong CY. Selecting best-fitting inputs in multitarget model calibration and implications for cost-effectiveness analysis [Abstract I–1]. *Medical Decision Making*. 2014; 34(2):E26.
 19. Liu S, **Cipriano LE**, Goldhaber-Fiebert JD. Combining statistical analysis and Markov models with public health data to infer age-specific background mortality rates for hepatitis C infection in the US [Extended abstract]. Smart Health International Conference 2014 Proceedings. Zheng X, Zeng D, Chen H, Zhang Y, Xing C, Neill DB (Eds). *Lecture Notes in Computer Science*. 2014. Volume 8539. Springer International Publishing Switzerland. pp148–149.
 20. **Cipriano LE**, Weber TA. Optimal information acquisition policy in a dynamic healthcare policy: application to HCV screening [Abstract E–1]. *Medical Decision Making*. 2013; 33(2):E18.
 21. Liu S, **Cipriano LE**, Goldhaber-Fiebert JD. Combining regression analysis and Markov models to infer age-specific mortality rates by hepatitis C infection and risk-factor status [Abstract F–3]. *Medical Decision Making*. 2013; 33(2):E21–E22.
 22. **Cipriano LE**, Weber TA. Optimal health program intervention and information acquisition policy [Abstract I-6]. *Medical Decision Making*. 2013; 33(2):E31.
 23. Liu S, **Cipriano LE**, Goldhaber-Fiebert JD. Cost-effectiveness of risk-factor guided and universal screening for chronic hepatitis C infection in the US [Abstract ESP–22]. *Medical Decision Making*. 2012; 32(2):E76.
 24. Liu S, **Cipriano LE**, Goldhaber-Fiebert JD. With more effective therapies, should we screen for chronic hepatitis C in the US? [Abstract ESP–24]. *Medical Decision Making*. 2012; 32(2):E76.
 25. Simons CT, **Cipriano LE**, Shah RU, Hlatky MA, Garber AM, Owens DK. Transcatheter aortic valve implantation should change the management of nonsurgical aortic stenosis candidates [Abstract ESP-70]. *Medical Decision Making*. 2012; 32(2):E795.
 26. Levesque BG, **Cipriano LE**, Zaric GS, Sandborn WJ, Loftus EV. Cost-effectiveness of computed tomographic enterography compared to magnetic resonance enterography in a simulated Medicare population with Crohn’s disease [Abstract M01986]. *Gastroenterology*. 2011; 140(5 Suppl 1):S693.
 27. **Cipriano LE**, Zaric GS, Owens DK, Brandeau ML. Cost-effectiveness of screening for acute HIV

- and HCV infection in injection drug users [Abstract HTA-49]. *Medical Decision Making*. 2011; 31(1):E114.
28. Chang SL, **Cipriano LE**, Brunelli SM, Chung BI. Economic and clinical consequences of new onset post-operative chronic kidney disease following radical and partial nephrectomy in the management of small renal masses [Abstract 1526]. *Journal of Urology*. 2011; 185(4S):e612–e613
 29. Lee KK, **Cipriano LE**, Owens DK, Go AS, Hlatky MA. Cost-effectiveness of using high sensitivity c-reactive protein to identify intermediate and low cardiovascular risk individuals for statin therapy [Abstract P87]. *Circulation: Cardiovascular Quality and Outcomes*. 2011; 4(6 Suppl 1):AP87
 30. Chang SL, **Cipriano LE**, Harshman L, Chung BI. Cost-effectiveness of nephron-sparing options in the management of small renal masses [Abstract 1362]. *Journal of Urology*. 2010; 183(4S):e526
 31. **Cipriano LE**, Barth WH, Zaric GS. The cost-effectiveness of routine screening for vasa previa at 18–20 weeks gestation in Ontario. [Abstract 9CEP]. *Medical Decision Making*. 2010; 30(2):NP28.
 32. **Cipriano LE**, Kong CY, Park ER, Gazelle GS, McMahon PM. Designing efficient lung cancer screening programs: Roles of adherence, eligibility, and screen frequency [Abstract 5CSG]. *Medical Decision Making*. 2009; 29(1):E88.
 33. Levesque BG, **Cipriano LE**, Chang SL, Lee KK, Owens DK, Garber AM. Cost-effectiveness of alternative diagnostic strategies for patients with suspected small-bowel Crohn’s disease [Abstract 653]. *Gastroenterology*. 2009; 136(5 Suppl 1):A-100.
 34. Ozanne EM, **Cipriano LE**, Cameron M, Newman T, Esserman LJ. Cost-effectiveness of genetic testing for BRCA1 and BRCA2 mutations. [Abstract 6100]. *Cancer Research*. 2009; 69(2 Suppl):377S.
 35. Ozanne EM, **Cipriano LE**, Cameron M, Newman T, Esserman LJ. Cost-effectiveness of surgical interventions for BRCA gene mutation carriers: impact of delaying decision-making. [Abstract 503]. *Cancer Research*. 2009; 69(2 Suppl):94S.
 36. **Cipriano LE**, Barth WH, Zaric GS. The cost-effectiveness of routine screening for vasa previa at 18–20 weeks gestation in Ontario. [Abstract PIH10]. *Value in Health*, 2008; 11(3): A248.
 37. **Cipriano LE**, Rupar CA, Zaric GS. A decision-analytic model evaluating the cost-effectiveness of newborn screening for up to 21 inherited metabolic disorders using tandem mass spectrometry [Abstract B-3]. *Medical Decision Making*. 2007; 27(4):E6.
 38. **Cipriano LE**, Chesworth BM, Anderson CK, Zaric GS. Estimating the effect of total joint replacement wait time strategies in Ontario using simulation modeling [Abstract P3-15]. *Medical Decision Making*. 2007; 27(4):E73.
 39. **Cipriano LE**, Rupar CA, Zaric GS. The cost-effectiveness of expanding newborn screening for inherited metabolic disorders using tandem mass spectrometry [Abstract PIH2]. *Value in Health*. 2005; 8(3): 298.

f. Invited Lectures

- COVID-19 projections for London-Middlesex: Fall 2021. Department of Biochemistry, Schulich School of Medicine & Dentistry, **University of Western Ontario**. September 17, 2021
- COVID-19 projections for London-Middlesex: Fall 2021. Ivey Business School, **University of Western Ontario**. September 1, 2021
- Modelling COVID-19 projections for London Ontario: Projections for Wave 4. **Modelling Consensus Table Seminar. Ontario Scientific Advisory Council**. August 11, 2021

- Updated COVID-19 projections for London Ontario: Projections for Wave 4.
 - Regional Testing Advisory Committee (RTAC). August 17, 2021
 - Council of Ontario Universities. August 17, 2021
 - Windsor Regional Hospital Leaders Forum. August 24, 2021
- Updated COVID-19 projections for London Ontario. Leadership Forum. **London Health Sciences Centre**.
 - September 15, 2020
 - December 11, 2020.
 - April 1, 2021
 - May 27, 2021
 - August 20, 2021 (Children's Hospital)
 - August 20, 2021 (Adult Hospitals)
- Modelling the Second Wave of COVID-19. Department of Medicine Grand Rounds. **London Health Sciences Centre**. September 17, 2020.
 - Lecture available for download at: https://www.schulich.uwo.ca/deptmedicine/about_us/medicine_rounds.html
- Predicting COVID demand to facilitate expansion of non-COVID health services. **Primary care providers of SW Ontario**. June 16, 2020.
 - Available at: <https://swcovidtools.ca/educational-supports/>
- Predicting COVID demand to facilitate expansion of non-COVID health care services. Department of Anesthesia & Perioperative Medicine Grand Rounds. **London Health Sciences Centre**. June 15, 2020.
- Predicting COVID demand to facilitate expansion of non-COVID health care services. Leadership Forum. **London Health Sciences Centre**. May 26, 2020.
- Cost-Effectiveness of Naloxone Kits in Canadian High Schools and Community Centre Settings. **Canadian Agency for Drugs and Technologies in Health (CADTH)**. Ottawa, Ontario. March 5, 2020.
 - Talk attended by 302 people (50 in person and 252 online)
 - Lecture available at: <https://www.youtube.com/watch?v=-6cBLScllV4>
 - Interviewed by CBC radio (March 5, 2020): <https://www.cbc.ca/listen/live-radio/1-92-all-in-a-day/clip/15764280-is-it-cost-effective-to-have-naloxone-kits-in-high-schools>
- Coordinating multi-payer health systems. Child Health Evaluative Sciences. **The Hospital for Sick Children (SickKids) Research Institute**. Toronto, Ontario. February 12, 2020.
- Coordinating multi-payer health systems. **Institute for Technology Assessment, Massachusetts General Hospital**. Boston, Massachusetts. December 6, 2019.
- Optimal infectious disease treatment policy with drug resistance. Operations and Supply Chain Management Seminar. **Haskayne School of Business, University of Calgary**. Calgary, Alberta. April 17, 2019.
- Patient prioritization in disease-specific-treatment budgets. **Canadian Agency for Drugs and Technologies in Health (CADTH)**. Ottawa, Ontario. June 11, 2018.

- Hepatitis C virus treatment prioritization improves population health outcomes. Information, Risk, and Operations Management Seminar Series. **McCombs School of Business, University of Texas at Austin**. Austin, Texas. January 26, 2018.
- Population health and cost-effectiveness implications of a ‘Treat All’ recommendation for HCV. Guideline Development Group Meeting, Guidelines for the Screening, Care and Treatment of Persons with Hepatitis C virus Infection. **World Health Organization (WHO)**. Geneva, Switzerland. September 20, 2017.
- Hepatitis C virus treatment prioritization improves population health outcomes. Center for Healthcare Policy and Research, Department of Public Health Sciences, **University of California Davis**. Sacramento, California. June 21, 2017.
- Hepatitis C Virus treatment prioritization improves population health outcomes. Center for Health Policy and Outcomes, **Memorial Sloan Kettering Cancer Center**. New York City, New York. November 18, 2016.
- Patient prioritization in for hepatitis C treatment. **Alberta Health**. Edmonton, Alberta. June 23, 2016.
- Evaluating patient prioritization schemes for hepatitis C treatment under budget constraints. Toronto Health Economics and Technology Assessment (THETA) Collaborative, Leslie Dan Faculty of Pharmacy, **University of Toronto**. April 22, 2016.
Video available: https://recordings.join.me/s3nefzHGA0aMIeevc_HMow
- Monitoring for atrial fibrillation in discharged stroke and transient ischemic attack patients: a cost-effectiveness analysis. Health Technology Expert Review Panel Meeting, **Canadian Agency for Drugs and Technologies in Health (CADTH)**. Ottawa, Ontario. February 3, 2016.
- Identifying best-fitting inputs in multitarget model calibration. Daniel J. Epstein Department of Industrial and Systems Engineering Seminar. Viterbi School of Engineering, **University of Southern California**. Los Angeles, California. January 26, 2016.
- Cost effectiveness of a supervised injection facility. Board of Directors Meeting, **London Regional HIV/AIDS Connection**. London, Ontario. October 15, 2014
- Cost effectiveness of screening strategies for early identification of HIV and HCV infection in injection drug users. Department of Biostatistics and Epidemiology seminar series. **Western University**. October 3, 2014.
- Calibration and collaboration in HTA / Case study: Magnetic resonance enterography vs. computed tomography enterography for imaging of Crohn’s disease: a cost-effectiveness analysis of reduced radiation-induced cancer risk. Health Services Research Seminar. Health Technology Assessment: Evidence for Decision Making. **Institute of Health Policy, Management, and Evaluation, University of Toronto**. March 2014

g. Conference Presentations (*limited to those personally presented*)

1. **Cipriano LE**, Enns EA, Haddara WMR. Community-tailored adaptive strategies for managing the health and economic consequences of COVID-19. Society for Medical Decision Making Annual Meeting. [Online] October 6, 2020.
2. **Cipriano LE**, Haddara WMR, Zaric GS, Enns EA. Impact of university population on community COVID-19 outcomes. Canadian Agency for Drugs and Technologies in Health (CADTH) Symposium. [Online]. November 10, 2020.
3. **Cipriano LE**, Chehrazi N, Enns EA. Optimal Control of an Infectious Disease with Drug Resistance. Emerging Issues in Health Economic Methods Panel Discussion. Canadian Agency for Drugs and Technologies in Health (CADTH) Symposium. Edmonton, Alberta April 14-16, 2019.

Online webinar: <https://attendee.gotowebinar.com/register/7733139454555119373>

4. **Cipriano LE**, Chehrazi N, Enns EA. Optimal Control of an Infectious Disease with Drug Resistance. Canadian Operational Research Society (CORS). Halifax, Nova Scotia June 4–6, 2018.
5. **Cipriano LE**, Goldhaber-Fiebert JD. Patient prioritization in disease-specific treatment budgets. Canadian Agency for Drugs and Technologies in Health (CADTH) Symposium. Halifax, Nova Scotia April 15–17, 2018.
6. **Cipriano LE**, Chehrazi N, Enns EA. Optimal infectious disease treatment policy with drug resistance. Society for Medical Decision Making (SMDM) Annual Meeting. Pittsburgh, Pennsylvania October 22–25, 2017.
7. **Cipriano LE**, Chehrazi N, Enns EA. Optimal control of an infectious disease with drug resistance. Institute for Operations Research and the Management Sciences (INFORMS) Healthcare conference. Rotterdam, Netherlands. July 26–28, 2017.
8. **Cipriano LE**, Liu S, Shahzada KS, Holodniy M, Goldhaber-Fiebert JD. Hepatitis C virus treatment prioritization improves population health outcomes. Canadian Agency for Drugs and Technologies in Health (CADTH) Symposium. Ottawa, Ontario April 22–35, 2017.
9. **Cipriano LE**, Liu S, Shahzada KS, Holodniy M, Goldhaber-Fiebert JD. Evaluating prioritization schemes for hepatitis C treatment under budget constraints. Institute for Operations Research and the Management Sciences (INFORMS) Annual Meeting. Nashville, Tennessee November 13–16, 2016.
10. **Cipriano LE**, Liu S, Shahzada KS, Goldhaber-Fiebert JD. Patient prioritization in disease-specific treatment budgets: the case of chronic hepatitis C treatment. Society for Medical Decision Making (SMDM) Annual Meeting. Vancouver, British Columbia October 23–26, 2016.
11. **Cipriano LE**, Hachinski V, Sposato LA. Cost effectiveness of monitoring strategies for atrial fibrillation diagnosis after stroke. Institute for Operations Research and the Management Sciences (INFORMS) International Meeting. Waikoloa, Hawaii June 12–15, 2016.
12. **Cipriano LE**, Liu S, Weber TA, Goldhaber-Fiebert JD. Patient access for hepatitis C treatment under budget constraints. Institute for Operations Research and the Management Sciences (INFORMS) International Meeting. Waikoloa, Hawaii June 12–15, 2016.
13. **Cipriano LE**, Healey J, Akhtar O, Lee K, Sposato LA. Cost effectiveness of cardiac monitoring to detect atrial fibrillation in patients with stroke or TIA. Canadian Agency for Drugs and Technologies in Health (CADTH) Symposium. Ottawa, Ontario April 10–12, 2016.
14. Lee SAW, Sposato LA, Hachinski V, **Cipriano LE**. Cost-effectiveness of novel Alzheimer’s dementia diagnostics. Society for Medical Decision Making (SMDM) Annual Meeting. St. Louis, Missouri October 18–21, 2015.
15. **Cipriano LE**, Kong CY, Enns EA. Input selection using model calibration. Institute for Operations Research and the Management Sciences (INFORMS) Healthcare. Nashville, Tennessee July 29–31, 2015.
16. **Cipriano LE**, Liu S, Weber TA, Goldhaber-Fiebert JD. Optimal information acquisition policies: application to HCV screening. International Society for Pharmacoeconomics and Outcomes Research (ISPOR) Annual Meeting. Montreal, Quebec. May 31–June 4, 2014.
17. **Cipriano LE**, Weber TA. Optimal information acquisition policies. Production and Operation Management Society (POMS) Annual Meeting. Atlanta, Georgia May 9–12, 2014.
18. **Cipriano LE**, Enns EA, Simons CT, Kong CY. Choice of best-fitting inputs in multi-target model calibration: implications for economic analysis,” Institute for Operations Research and the

- Management Sciences (INFORMS) Annual Meeting. Minneapolis, Minnesota October 6–9, 2013.
19. **Cipriano LE**, Liu S, Weber TA, Goldhaber-Fiebert JD. Optimal information acquisition policies: application to HCV screening,” Institute for Operations Research and the Management Sciences (INFORMS) Annual Meeting. Minneapolis, Minnesota October 6–9, 2013.
 20. **Cipriano LE**, Weber TA. Optimal information acquisition policy in dynamic healthcare policy: application to HCV screening. Society for Medical Decision Making (SMDM) Annual Meeting. Phoenix, Arizona October 17–20, 2012.
 21. **Cipriano LE**, Weber TA. Optimal health program intervention and information acquisition policy. Society for Medical Decision Making (SMDM) Annual Meeting. Phoenix, Arizona October 17–20, 2012.
 22. **Cipriano LE**, Weber TA. Optimal health program intervention with information acquisition. Institute for Operations Research and the Management Sciences (INFORMS) Annual Meeting. Phoenix, Arizona October 14–17, 2012.
 23. **Cipriano LE**, Weber TA. Population sampling in dynamic healthcare policy. Institute for Operations Research and the Management Sciences (INFORMS) Annual Meeting. Charlotte, North Carolina November 12–16, 2011.
 24. **Cipriano LE**, Zanic GS, Owens DK, Brandeau ML. Costs and benefits of HIV and hepatitis C co-epidemic control in injection drug users. Institute for Operations Research and the Management Sciences (INFORMS) on Healthcare. Montreal, Quebec June 20–22, 2011.
 25. **Cipriano LE**, Zanic GS, Owens DK, Brandeau ML. Costs and benefits of HIV and hepatitis C co-epidemic control in injection drug users. Institute for Operations Research and the Management Sciences (INFORMS) Annual Meeting. Austin, Texas November 7–10, 2010.
 26. **Cipriano LE**, Zanic GS, Owens DK, Brandeau ML. Cost effectiveness of screening for acute HIV and HCV infection in injection drug users [Poster]. Society for Medical Decision Making (SMDM) Annual Meeting. Toronto, Ontario, October 24–27, 2010.
 27. **Cipriano LE**, Barth WH, Zanic GS. The cost-effectiveness of targeted and universal screening for vasa previa at 18–20 weeks gestation in Ontario [Poster]. Society for Medical Decision Making (SMDM) Annual Meeting. Hollywood, California, October 17–21, 2009.
 28. **Cipriano LE**, Kong CY, Lanuti M, Shepard J, Gazelle GS, McMahon PM. Evaluating the potential of radio frequency ablation for the treatment of non-small cell lung cancer. Institute for Operations Research and the Management Sciences (INFORMS) Annual Meeting, Seattle, Washington November 4–7, 2007.
 29. **Cipriano LE**, Nguyen PL, Stahl JE. Evaluating pediatric access to proton therapy using discrete event simulation. Institute for Operations Research and the Management Sciences (INFORMS) Annual Meeting, Seattle, Washington November 4–7, 2007.
 30. **Cipriano LE**, Chesworth BM, Anderson CK, Zanic GS. Evaluating strategies for reducing wait times for total joint replacement. Canadian Operations Research Society (CORS) Annual Meeting. London, Ontario May 14–16, 2007.
 31. **Cipriano LE**, Rupar CA, Zanic GS. The cost-effectiveness of newborn screening for up to 21 inherited metabolic disorders. Canadian Operations Research Society (CORS) Annual Meeting. London, Ontario May 14–16, 2007.
 32. **Cipriano LE**, Chesworth BM, Anderson CK, Zanic GS. Estimating the effect of total joint replacement wait time strategies in Ontario using simulation modeling [Poster]. Society for Medical Decision

- Making (SMDM) Annual Meeting, Boston, Massachusetts October 15–18, 2006.
33. **Cipriano LE**, Rupar CA, Zaric GS. A decision-analytic model evaluating the cost-effectiveness of newborn screening for up to 21 inherited metabolic disorders using tandem mass spectrometry. Society for Medical Decision Making (SMDM) Annual Meeting. Boston, Massachusetts October 15–18, 2006.
 34. **Cipriano LE**, Chesworth BM, Anderson CK, Zaric GS. Strategies for reducing wait times for total joint replacement in Ontario. Canadian Association for Health Services and Policy Research (CAHSPR) Annual Meeting. Vancouver, British Columbia September 17–19, 2006.

5. RESEARCH FUNDING

- 2021-2022 **Co-investigator: Canadian Immunization Research Network (CIRN) (\$105,723)** Modelling to inform COVID-19 vaccination rollouts based on vaccine characteristics (PI: Moghadas, York University)
- 2021-2022 **Co-investigator: Canadian Institutes of Health Research (CIHR), Project Grant (#457128, \$250,000).** Supervised Consumption and COVID-19 in ON: an Evaluation (SCCONE) (PI: Bayoumi, St. Michael’s Hospital and University of Toronto)
- 2020-2024 **Co-investigator: Canadian Institutes of Health Research (CIHR), Project Grant (#439006, \$415,350).** The Montfort Postnatal Care at Home Program: How do health outcomes, costs, patient and provider experiences compare with usual hospital-based postnatal care? (PIs: Peterson and Salvador, University of Ottawa)
- 2020-2021 **co-Principal investigator: Society for Medical Decision Making (SMDM) COVID-19 Decision Modeling Grant (\$36,671 USD).** Community-tailored adaptive strategies for managing the health and economic consequences of COVID-19. (co-PI: Eva Enns, University of Minnesota School of Public Health)
- 2020-2021 **Principal investigator: Western University Research Catalyst Grant (\$49,945).** Dynamic epidemic modelling of COVID-19 for local and regional critical care capacity planning.
- 2020–2025 **Principal investigator: Natural Sciences and Engineering Research Council of Canada (NSERC) – Discovery Grant (RGPIN-2020-06665, \$155,000).** Optimal resource allocation and technology adoption in dynamic systems.
- 2020-2024 **Participating investigator: Health Canada – Substance Use and Addictions Program (SUAP) (\$6,576,056).** Emergency Safer Supply Program (ESSP). Program organization: London Intercommunity Health Centre
- My role in this large clinical program expansion grant is to contribute to the program evaluation, specifically to perform a model-based analysis of the population health outcomes and cost-effectiveness of emergency safer supply compared to current policy and policy alternatives.
- 2014–2020* **Principal investigator: Natural Sciences and Engineering Research Council of Canada (NSERC) – Discovery Grant (RGPIN-2014-04089, \$150,000).** Decision making in dynamic systems with strategic information acquisition.
- *One-year young investigator funded extension for 2019-2020
- 2017-2020 **David G. Burgoyne Faculty Fellowship, Ivey Business School (\$15,000)**
- 2017–2019 **Co-investigator: Academic Medical Organization of Southwestern Ontario (AMOSO) – Innovation Fund (\$204,138).** Withdrawal of Aminosalicylates in Patients with Crohn’s Disease: A Pilot, Randomized, Open-Label, Non-Inferiority Trial. Lead investigator: Vipul Jairath

6. TEACHING

a. Undergraduate Courses

Ivey Business School

- Business 3316: Decision Making with Analytics (Fall 2013, 2014*, 2015, 2016*, 2017*, 2018*)
 - * *Course Coordinator*
 - Evaluations (“Overall effectiveness [as a university instructor]”):
 - 2013: 5.4/7, 5.4/7; 2014: 5.1/7, 5.1/7; 2015+: 6.5/7, 6.5/7;
 - 2016: 6.4/7, 6.2/7; 2017: 6.1/7, 6.7/7; 2018: 5.8/7, 5.6/7
 - + University Student’s Council Teaching Honour Roll Award of Excellence
- Business 3323: Learning Through Action (2013, 2014*, 2015*, 2018*)
 - * Faculty section leader and event organizer

Stanford University

- E60: Engineering Economy (Summer 2012)
- MS&E 190: Methods and Models for Policy and Strategy Analysis (Spring 2011)

b. Graduate Courses

Ivey Business School

- Business 9702A (PhD): Introduction to Multivariate Mathematical Statistics and Data Analysis (Fall 2016, 2017, 2018, 2019, 2020, 2021)
- Business 9961 (MM-A): Business Statistics (Fall 2021)
- PhD Bootcamp: Review of algebra, calculus, probability, and an introduction to R (Summer 2017, 2018, 2019, 2020, 2021)

c. Student Supervision

Undergraduate Research Supervision

- Spencer A.W. Lee, (B.MSc., University of Western Ontario, 2015)
 - Summer 2014 project: “Cost effectiveness of Alzheimer’s novel disease diagnostics”
- Kaspar S. Shahzada (B.Eng., HBA, University of Western Ontario, expected June 2018)
 - Participated in various projects as a work-study student, then as a research assistant
 - Contributed substantially to automation of analysis and presentation of results in “Hepatitis C virus treatment prioritization improves population health outcomes”; created Alberta-specific analysis and results for a presentation to Alberta Health
- Dapo Folami (B.Sc., HBA, University of Western Ontario, June 2021)
 - Honors Computer Science Thesis project: Social contact structures influencing the COVID-19 pandemic
 - Independent Study: Wrote a teaching case “Pennsylvania Dominion” using real world mortgage application data for use in teaching regularized regression in advanced analytics courses. Top 3 Finalist for the 2021 INFORMS Case Competition.
- Fawaz Mohammad (B.Sc., HBA, University of Western Ontario, June 2021)

- Honors Computer Science Thesis project: Optimal vitamin product design for personalized health improvement
- Erica Yarmol-Matusiak (B.Sc., HBA, University of Western Ontario, June 2021)
 - Project 1
 - Project 2: Community contact structure networks stratified by employment sector for the purposes of a COVID-19 model with industrial structure
 - Led to peer reviewed publication: Yarmol-Matusiak EA, **Cipriano LE**, Stranges S. A comparison of COVID-19 epidemiological indicators in Sweden, Norway, Denmark, and Finland. *Scandinavian Journal of Public Health*. 2021; 49(1):69-78
- Tarquin Opperman (B.A., HBA, University of Western Ontario, June 2021)
 - Project: Effects of intercommunity travel on the COVID-19 pandemic in South Western Ontario
 - Funded by a Natural Sciences and Engineering Research Council of Canada (NSERC) Undergraduate Research Award (summer 2020)
- Ian Sobotka (B.Eng., HBA, University of Western Ontario, June 2021)
 - Project: Canadian microsimulation model of diabetes
 - Funded by a Natural Sciences and Engineering Research Council of Canada (NSERC) Undergraduate Research Award (summer 2021)
- Ramon Brown (B.Sc., University of Western Ontario, expected June 2022)
 - Project: Health economic evaluation of novel treatment for metastatic renal cell carcinoma

Medical Student/Medical Resident Supervision

- Evan Formosa (medical student at New York Medical College)
 - Research project (started when he was an MSc student in Clinical Anatomy at Western University): “A survey of Canadian, student-run, volunteer campus medical response teams”
 - Led to peer reviewed publication: Formosa EA, Grainger LA, Roseborough AD, Sereda AM, Cipriano LE. A survey of Canadian, Student-Run Campus Emergency Medical Response Teams. *Journal of Collegiate Emergency Medical Services*. 2020;3(2): 1-9.
- Perri Deacon
 - 2nd year medical student summer project: “Effectiveness of oral hydromorphone safe supply for severe opioid use disorder”
- Lexie Grainger (nee Smith-Rubenzahl), Chief Resident, Family Medicine (PGY2)
 - Residency research project 2017/2018: “Characterizing volunteer emergency medical response on a Canadian university campus”

Graduate Student Supervision

- Yhesaem Park, PhD student, Department of Biostatistics and Epidemiology, Schulich School of Medicine, University of Western Ontario, matriculated September 2021
- Roxanne Garaszczuk, MSc student, Department of Biostatistics and Epidemiology, Schulich School of Medicine, University of Western Ontario, matriculated September 2019 (co-supervised with Dr. Shehzad Ali).
- Hossein Reihani, PhD student, Ivey Business School (expected 2023). “Simulation model of the Montfort Postnatal Care at Home Program” Ivey Business School, University of Western Ontario (co-supervised with Dr. Greg Zaric)

- Gregory Critchley, PhD 2020. “Optimal Pricing and Treatment Policies in Health Care” Ivey Business School, University of Western Ontario (co-supervised with Dr. Greg Zaric)
- Joshua Cerasuolo, PhD student in the Department of Biostatistics and Epidemiology, Schulich School of Medicine, University of Western Ontario, matriculated September 2015 (co-supervised with Drs. Vladimir Hachinski and Neil Klar) Withdrew Spring 2017. Currently a Research Associate at ICES McMaster.

Graduate Student Supervisory Committees

- Olajumoke (Marissa) Ologundudu, MSc 2021. “Risk Stratification for Treatment Decisions in People at Ultra-High Risk for Psychosis: A Cost-Effectiveness Analysis” Department of Epidemiology and Biostatistics, Schulich School of Medicine & Dentistry, University of Western Ontario (Supervised by Drs. Shehzad Ali & Kelly Anderson)

d. Post-Doctoral Fellows

- Farzaneh Daneshzand
 - Project title: Community-tailored adaptive strategies for managing the health and economic consequences of COVID-19
- Hosein Zare
 - Project title: Optimal control of infectious diseases with information collection
- Sepher Nemati
 - Project title: Optimal diagnostic sequences for evaluating post-stroke atrial fibrillation
- Estefania Ruiz Vargas
 - Project title: Anticoagulation therapy for atrial fibrillation in patients with dementia: a cost effectiveness analysis
 - Project title: Development of an empirically-calibrated microsimulation model of Crohn’s disease

e. Graduate Examination Committees

- Aneeka Hafeez, MSc in Epidemiology and Biostatistics, University of Western Ontario, 2020.
- Reza Mahjoub, Ph.D. in Business, University of Western Ontario, 2014
- Stephanie A. Simpson, M.Sc. in Health Information Science, University of Western Ontario, 2016
- Salar Ghamat, Ph.D. in Business, University of Western Ontario, 2017
- Felipe Rodrigues, Ph.D. in Business, University of Western Ontario, 2018

f. Guest Lectures

- Analytical approaches to investment decision making: Decision Trees. Western Medical Innovation Fellowship Program. WorldDiscoveries. **Western University**. August 19, 2021
- Introduction to Decision Analysis. MEDSCIEN 9700 Interdisciplinary Skill Development. Schulich School of Medicine and Dentistry. **Western University** July 9, 2021.
- Mathematical modelling of infectious disease for policy analysis. Schulich Applied Computing in Medicine Club Hack-a-thon. **Western University**. March 27, 2021
- Mathematical modelling of infectious disease for policy analysis. Schulich Public Health in Medicine Club. **Western University**. March 2, 2021
- Mathematical modelling of infectious disease for policy analysis. Department of Epidemiology and Biostatistics. Schulich School of Medicine and Dentistry. **Western University**. February 3, 2021

- Mathematical modelling of infectious disease for policy analysis. Schulich School of Medicine and Dentistry. **Western University**. December 9, 2020
- Dynamic epidemic modelling for community response and hospital capacity planning. Ivey Business School.
 - Business 4511: Special Topics in Management Science (HBA2), July 29, 2020
 - Business 9914: Managing in a COVID 19 World (MSc Program), September 29, 2020
- Analytical approaches to investment decision making: Decision Trees. Western Medical Innovation Fellowship Program. WorldDiscoveries. **Western University**. February 26, 2020
- Competing with analytics. Master of Management of Applied Science. Faculty of Science. **Western University**. March 2, 2018; February 11, 2019; March 9, 2020; January 25, 2021.
- Presenting technical material. Business 9006: Business Communications. MSc, Business Analytics. **Ivey Business School**. Spring 2018
- Estimating costs for a US-based cost effectiveness analysis. Health Research and Policy 263: Advanced Decision Science Methods and Modeling in Health. **Stanford University**. Spring 2011, 2012, 2013, 2015
- Cost effectiveness of a supervised injection facility. Schulich Interfaculty Program in Public Health Integrative Workshop on Supervised Injection Sites. **Western University**. Winter 2014
- Uncertainty, probabilistic sensitivity analysis, and value of information. Business 9882: Health Care Management Science. **Ivey Business School**. Winter 2014

g. Conference Short Courses

Society for Medical Decision Making

Annual Meeting Short Course Co-instructor

- Microsoft Excel: Basic Skills for Efficiency and Modeling (2007, 2010)
- Microsoft Excel: Advanced Skills for Efficiency and Modeling (2009, 2010)
- Deterministic Decision Analytic Models in Microsoft Excel (2011)
- Probabilistic Decision Analytic Models in Microsoft Excel (2011, 2014)

h. Published Teaching Materials

1. **Cipriano LE** (with D Folami and M Atkins). Pennsylvania Dominion. In preparation for peer review. Runner up in the 2021 INFORMS Case Competition.
 - Case written by undergraduate student (Dapo Folami) for course credit
2. **Cipriano LE** (with V Tiwari, WS Sandberg, GS Zaric). Vanderbilt University Medical Center: Elective Surgery Schedule. Ivey Publishing. 2015 May. Product number: 9B15E011. (with Teaching Note Product number: 7B15E011)
3. **Cipriano LE** (with GS Zaric). Introduction to Microsoft Excel. Ivey Publishing. 2016 June. Product number: 9B16E009.
4. **Cipriano LE** (with K Maclean and GS Zaric). Basic Mathematical Operations in Microsoft Excel. Ivey Publishing. 2016 June. Product number: 9B16E010. (with Excel Supplement Product number: 7B16E010)
5. **Cipriano LE** (with K Maclean and GS Zaric). Absolute and Relative References in Microsoft Excel. Ivey Publishing. 2016 June. Product number 9B16E011. (with Excel Supplement Product number: 7B16E011)

6. **Cipriano LE** (with K Maclean and GS Zaric). Good Modelling Practices in Microsoft Excel. Ivey Publishing. 2016 June. Product number: 9B16E012
7. **Cipriano LE** (with K Maclean, J Lyons and GS Zaric). Introduction to Logic Functions in Microsoft Excel. Ivey Publishing. 2016 June. Product number: 9B16E013. (with Excel Supplement Product number: 7B16E013)
8. **Cipriano LE** (with K Maclean, J Lyons and GS Zaric). Advanced Logic Functions in Microsoft Excel. Ivey Publishing. 2016 June. Product number: 9B16E016. (with Excel Supplement Product number: 7B16E016)
9. **Cipriano LE** (with K Maclean and GS Zaric). Descriptive statistics in Microsoft Excel. Ivey Publishing. 2016 June. Product number: 9B16E014. (with Excel Supplement Product number: 7B16E014)
10. **Cipriano LE** (with K Maclean and GS Zaric). Histograms and the Normal Distribution in Microsoft Excel. Ivey Publishing. 2016 June. Product number: 9B16E015. (with Excel Supplement Product number: 7B16E015)
11. **Cipriano LE** (with K Maclean and GS Zaric). Data Tables in Microsoft Excel. Ivey Publishing. 2016 June. Product number: 9B16E017. (with Excel Supplement Product number: 7B16E017)
12. **Cipriano LE** (with K Maclean and GS Zaric). Goal Seek in Microsoft Excel. Ivey Publishing. 2016 June. Product number: 9B16E018. (with Excel Supplement Product number: 7B16E018)

7. OTHER SCHOLARLY AND PROFESSIONAL ACTIVITIES

a. Invited Participation

- Member, Health Economics Advisory Council, **Canadian Agency for Drugs and Technologies in Health (CADTH)**. May 2019 –
 - CADTH is an independent, not-for-profit organization responsible for providing Canada’s health care decision-makers with objective evidence to help make informed decisions about the optimal use of drugs and medical devices in our health care system. This committee reviews and makes recommendations about difficult methodologic challenges in technology evaluations.
- Member, **Canadian Foundation for Healthcare Improvement**, Return on Investment Working Group, 2018–2019.
 - CFHI is a Government of Canada funded not-for-profit dedicated to accelerating healthcare improvement. The objectives of the Working Group are to improve CFHI processes for identifying healthcare innovations on which to focus efforts, how healthcare ROI should be calculated and reported, and in transparent communications about healthcare ROI in Canada
- Evidence review team, Guideline Developing Group focusing on Guidelines for the Screening, Care and Treatment of Persons with Hepatitis C virus Infection. **World Health Organization (WHO)**. Geneva, Switzerland. September 20–21, 2017.
 - Presented results from a systematic review of the model-based evidence regarding the population health and cost-effectiveness implications of a “treat all” recommendation for HCV
 - Participated in a two-day guidelines development meeting in an effort to combine evidence and analysis from multiple groups and from multiple perspectives

- Invited participant, Edmonton Health Economics Workshop, Faculty of Medicine and Dentistry, **University of Alberta**. Edmonton, Alberta. June 24, 2016.
 - Submitted paper for discussion and provided critical review and discussion for other work in progress papers for early-career Health Economists in Canada
- External health economist, Health Technology Expert Review Panel Meeting, **Canadian Agency for Drugs and Technologies in Health (CADTH)**. Ottawa, Ontario. February 3, 2016.
 - Presented results from an analysis I performed for the committee to consider as part of their guideline development process regarding the monitoring for atrial fibrillation in discharged stroke and transient ischemic attack patients
 - Participated in a one-day guidelines development meeting in an effort to combine evidence and analysis from multiple groups and from multiple perspectives

b. Editorial Work

- Deputy Editor, Medical Decision Making, 2019–present (Editorial board, 2014–2019; Associate Editor, 2019–2020)
- Deputy Editor, Medical Decision Making: Policy and Practice, 2019–Present (Editorial board, 2015–2019; Associate Editor, 2019–2020)
- Academic Editor, PLOS ONE, 2018–2020
- Reviewer, Guidelines for Economic Evaluation of Vaccines: Canada. National Advisory Committee on Immunization (NACI), 2021
- Reviewer, Guidelines for the Economic Evaluation of Health Technologies: Canada, Canadian Agency for Drugs and Technologies in Health (CADTH), 2016
- Ad-hoc reviewer for Operations Research, Management Science, Manufacturing & Service Operations Management, CMAJ: Canadian Medical Association Journal, Annals of Internal Medicine, Medical Decision Making, Journal of General Internal Medicine, Medical Care, Value in Health, Addiction, PLOS Medicine, PLOS ONE, Health Care Management Science, Production and Operations Management, BMC Health Services Research, INFORMS Transactions on Education, Current HIV Research, Socio-Economic Planning Sciences, Alzheimer’s Research & Therapy, Lancet Regional Health – Americas, JAMA Pediatrics

c. Conference Organization

- MB14 – Disease Modeling for Health Policy Decision Making. Institute for Operations Research and the Management Sciences (INFORMS) International Meeting, June 12–15, 2016
- Tuesday AM1 – Disease Modeling. Institute for Operations Research and the Management Sciences (INFORMS) Healthcare Meeting, June 20–22, 2011

d. Abstract Review

- Scientific Review, Society for Medical Decision Making Annual Meeting, (2012–2020)
- Scientific Review, Society for Medical Decision Making Biennial European Conference (2016)

e. Funding Agencies

- Research Grants Council (RGC) of Hong Kong, ad hoc reviewer (Winter 2019)
- Mitacs Accelerate, ad hoc reviewer (Winter 2019)

- Natural Sciences and Engineering Research Council of Canada, Project Scheme, ad hoc reviewer (Winter 2018, Winter 2019)
- Canadian Institutes of Health Research, Project Scheme, Competition Reviewer (Winter 2017)

f. Other

- Lee B. Lusted Award (for student research) judge, Society for Medical Decision Making Annual Meeting (2014 – 2020)
- Trustee (elected), Society for Medical Decision Making, 2014 – 2017
- Case competition judge, Western Policy Pitch, March 28, 2021.

8. UNIVERSITY ADMINISTRATIVE DUTIES

a. Disciplinary Area / Faculty

- Director, PhD Program (2019–2021)
- Business 3316 Decision Making with Analytics Faculty Course Coordinator (2014, 2016, 2017, 2018)
- Pre-Ivey Preparatory Program Coordinator (2014, 2015*, 2016*, 2017, 2018, 2019)
 - * In 2015 and 2016, I led a re-design of the program and development of teaching materials
- HBA1 Section Head (Faculty lead for a section of 76 students) (2014/2015, 2015/2016, 2018/2019)
- Research Policy Committee member, Ivey Business School (elected, 2018–2019; as PhD Director 2019–2021)

b. University

- Vice-Provost (School of Graduate and Post-graduate Studies) Search Committee (elected)
- University Senate (2019-2021)
- Graduate Affairs Committee member, Department of Epidemiology and Biostatistics, Schulich School of Medicine and Dentistry (2016– current)
- Graduate Education Council member, School of Graduate and Postdoctoral Studies (2019–2021)
- Graduate Education Council Policy Subcommittee, School of Graduate and Postdoctoral Studies (2019–2021)

9. COMMUNITY SERVICE

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|-----------|---|
| 2013– | Faculty advisor and volunteer mentor, Student Emergency Response Team, Western University <ul style="list-style-type: none"> • Red Cross Emergency Medical Responder Certification (2018-2021) • Red Cross First Aid and CPR/AED Instructor Certification (2018-2021) • Red Cross Professional Responder Instructor Certification (2018-2021) • In 2018, the student-led Executive honored my service and commitment to the mentoring team members by naming an annual student award the ‘Dr. Lauren Cipriano Mentorship Award’ |
| 1999–2005 | Responder, Student Emergency Response Team, Western University <ul style="list-style-type: none"> • 2005, Dr. Tom Macfarlane Heart of Gold Award for Excellence in Team Development • 2003, Dr. Tom Macfarlane Heart of Gold Award for Excellence in Education • 2002, Dr. Tom Macfarlane Heart of Gold Award for Excellence in Education • 2000, Rookie-of-the-year |