

# Curriculum Vitae

## 1 Identification

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|--------------|---|
| Name:        | Sam Harper  |
| Office:      | Department of Epidemiology, Biostatistics & Occupational Health, 2001 Avenue McGill College, Suite 1200, Montreal, QC H3A 1G1 |
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| Website:     | <a href="https://samharper.org">https://samharper.org</a>   |
| Citizenship: | United States, Canada (Naturalized)   |
| Languages:   | English, French (Basic)   |

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## 2 Education

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| 2001-2005 | Doctor of Philosophy in Epidemiologic Science, University of Michigan, Ann Arbor, MI, USA. Dissertation: <i>Using Publicly Available Data to Monitor and Investigate Health Inequalities.</i> |
| 1997-1999 | Master of Science in Public Health, Epidemiology, University of South Carolina, Columbia, SC, USA. Thesis: <i>A Multilevel Analysis of Intimate Partner Violence.</i>                         |
| 1991-1995 | Bachelor of Arts, Biology. Westminster College, Fulton, MO, USA.  |

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## 3 Appointments

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| 2024-present | Professor, Department of Epidemiology, Biostatistics & Occupational Health, McGill University                                  |
| 2019-2022    | Endowed Chair of Impact of Health and Social Policies on Health Inequality, Erasmus Medical Center, Rotterdam, The Netherlands |
| 2015-2024    | Associate Professor, Department of Epidemiology, Biostatistics & Occupational Health, McGill University                        |
| 2010-2015    | Assistant Professor, Department of Epidemiology, Biostatistics & Occupational Health, McGill University                        |
| 2008-2010    | Assistant Professor (Non-Tenure Track), Department of Epidemiology, Biostatistics & Occupational Health, McGill University     |
| 2005-2008    | Postdoctoral Fellow, Department of Epidemiology, Biostatistics & Occupational Health, McGill University                        |

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## 4 Special Honors, Awards, and Recognition

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|-----------|--|
| 2020      | Paper of the Year (2019), <i>American Journal of Epidemiology</i>  |
| 2019      | Top 1% of Peer Reviewers - Social Sciences, Publons  |
| 2019-2020 | Faculty Fellowship, Project TIER (Teaching Integrity in Empirical Research)  |
| 2014      | British Medical Association Book Award: Highly Commended for <i>Health Inequality Monitoring: With a Special Focus on Low- and Middle-income Countries</i> |
| 2013-2017 | Chercheur-Boursier Junior 2 award, Fonds de recherche du Québec – Santé. \$241,008   |
| 2009-2013 | Chercheur-Boursier Junior 1 award, Fonds de Recherche en Santé du Québec. \$219,764  |
| 2007      | Nominee, top article for 2007: The Year in Research, Robert Wood Johnson Foundation.   |
| 2007      | Nominee, Paper of the Year, 2006, Lancet.  |

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## 5 Teaching

### 5.1 McGill

#### 5.1.1 Postgraduate Courses

#### 5.1.2 Postgraduate guest lectures

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| 2023 (Apr) | Guest Lecturer, Bias Analysis, EPIB 705 (Advanced Methods in Epidemiology), Department of Epidemiology, Biostatistics & Occupational Health, McGill University. |
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|-------------|---|
| 2014 (Fall) | Guest Lecturer (2 lectures), EPIB 604 (Epidemiologic Analysis), Department of Epidemiology, Biostatistics & Occupational Health, McGill University.                               |
| 2014        | Guest Lecture on Social Determinants of Health, EPIB 602 (Introduction to Population Health), Department of Epidemiology, Biostatistics & Occupational Health, McGill University. |
| 2013        | Guest Lecturer (4 lectures), EPIB 604 (Epidemiologic Analysis), Department of Epidemiology, Biostatistics & Occupational Health, McGill University.                               |
| 2013        | Guest Lecture on Social Determinants of Health, EPIB 602 (Introduction to Population Health), Department of Epidemiology, Biostatistics & Occupational Health, McGill University. |
| 2012        | Guest Lecturer (5 lectures), EPIB 604 (Epidemiologic Analysis), Department of Epidemiology, Biostatistics & Occupational Health, McGill University.                               |
| 2011        | Guest Lecture on Social Determinants of Health, EPIB 602 (Introduction to Population Health), Department of Epidemiology, Biostatistics & Occupational Health, McGill University. |
| 2011        | Guest Lecturer (4 lectures), EPIB 604 (Epidemiologic Analysis), Department of Epidemiology, Biostatistics & Occupational Health, McGill University.                               |
| 2010        | Guest Lecture on Life Table Decomposition, EPIB 602 (Introduction to Population Health), Department of Epidemiology, Biostatistics & Occupational Health, McGill University.      |
| 2007        | Guest Lecture on Life Tables, EPIB 602 (Introduction to Population Health), Department of Epidemiology, Biostatistics & Occupational Health, McGill University.                   |
| 2006        | Guest Lecture on Measuring Health Inequalities, EPIB 670 (Introduction to Population Health and Social Epidemiology)  |

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### 5.1.3 Undergraduate

## 5.2 International

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|------------|--|
| 2024 (Dec) | Co-Instructor (4 lectures), <i>Ph.D. course in Advanced Social Epidemiology</i> . Institute of Public Health, University of Copenhagen, Denmark.                             |
| 2021 (Oct) | Co-Instructor (4 lectures), <i>Ph.D. course in Advanced Social Epidemiology</i> . Institute of Public Health, University of Copenhagen, Denmark.                             |
| 2021 (Nov) | Guest Lecturer (1 lecture), <i>CKo50 : Principles of Public Health</i> . Erasmus Medical Centre, Rotterdam, The Netherlands.   |
| 2020 (Nov) | Guest Lecturer (1 lecture), <i>HS02c: Public health research: intervention development and evaluation</i> . Erasmus Medical Centre, Rotterdam, The Netherlands.              |
| 2019 (Nov) | <i>Masterclass: Introduction to Health Inequalities</i> . “Tackling Inequalities” Honours Programme for EUR Master Students. Erasmus University, Rotterdam, The Netherlands. |

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|------------|--|
| 2019 (Nov) | Guest Lecturer (1 lecture), <i>HSo2c: Public health research: intervention development and evaluation</i> . Erasmus Medical Centre, Rotterdam, The Netherlands.                                  |
| 2019 (Oct) | Co-Instructor (4 lectures), <i>Ph.D. course in Advanced Social Epidemiology</i> . Institute of Public Health, University of Copenhagen, Denmark.   |
| 2017 (Aug) | Co-Instructor (3 lectures), <i>Ph.D. course in Advanced Social Epidemiology</i> . Institute of Public Health, University of Copenhagen, Denmark.   |
| 2015 (Oct) | Co-Instructor (3 lectures), <i>Ph.D. course in Advanced Social Epidemiology</i> . Institute of Public Health, University of Copenhagen, Denmark.   |
| 2012       | Co-Instructor (3 lectures), <i>Ph.D. course in Advanced Social Epidemiology</i> . Institute of Public Health, University of Copenhagen, Denmark.   |
| 2011       | Co-Instructor (3 lectures), <i>Ph.D. course in Advanced Social Epidemiology: A focus on Methodology, Context and Lifecourse</i> . Institute of Public Health, University of Copenhagen, Denmark. |
| 2009       | Co-Instructor, <i>Social Determinants of Health—Principles and Methods</i> , Institut national de la santé et de la recherche médicale (INSERM), Paris, France.                                  |

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### 5.3 Research Trainees Supervised

#### 5.3.1 Postdoctoral fellows (7)

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|           |  |
|-----------|--|
| 2020-2023 | Erin Hetherington<br><i>CIHR Fellowship, \$120,000</i>                                   |
| 2016-2018 | Corinne Riddell (co-supervised with Jay Kaufman)   |
| 2014-2016 | Jonathan Huang (co-supervised with Nick King)  |
| 2014-2016 | Zinzi Bailey (co-supervised with Nick King)  |
| 2016-2018 | Farhan Majid (co-supervised with Arijit Nandi)   |
| 2013-2014 | Mohammad Hajizadeh (co-supervised with Arijit Nandi)<br><i>CIHR Fellowship, \$73,333</i> |
| 2011-2012 | Kristin Voigt (co-supervised with Nick King)   |

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#### 5.3.2 Doctoral students (13)

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|--------------|--|
| 2022-present | Siobhan Carroll (co-supervised with Jill Baumgartner)<br><i>Dr. Robert Remis Fellowship, \$60,000 (2024-2026)</i>  |
| 2021-present | Wenlu Yuan (co-supervised with Jill Baumgartner)   |
| 2021-present | Peter Socha (co-supervised with Jennifer Hutcheon)<br><i>FRQS doctoral award, \$100,000 (2023-2025)</i><br><i>McGill GREAT Travel award (2021, 2022)</i> |

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|              |  |
|--------------|--|
| 2021-present | Talia Sternbach (co-supervised with Jill Baumgartner)<br><i>CIHR doctoral award, \$105,000 (2023-2025)</i><br><i>FRQS doctoral award (declined)</i>  |
| 2021-present | Imen Farhat (co-supervised with Dimitra Panagiotoglou)<br><i>FRQS doctoral award, \$84,000, (2021-2024, declined)</i><br><i>CIHR doctoral award, \$105,000 (2022-2024)</i>   |
| 2020-present | Francisca Vargas Lopez (Erasmus MC)  |
| 2018-2023    | Walid Al-Soneidar<br><i>FRQS doctoral award, \$49,000</i><br><i>McGill Internal Studentship Award (\$10,000, declined)</i>   |
| 2017-present | Diego Capurro Fernandez<br><i>FRQS doctoral award, \$60,000</i>  |
| 2014-2019    | Nichole Austin<br><i>Quebec Interuniversity Centre for Social Statistics scholarship (\$2,000)</i><br><i>McGill Governor General's Gold Medal, 2019</i><br><i>FRQS doctoral award, 2016-2018</i><br><i>SER Dissertation Award, 2016</i>  |
| 2014-2017    | Catherine Arsenault (co-supervised with Arijit Nandi)<br><i>Global Health Research Capacity Strengthening Doctoral Award, \$21,000</i><br><i>FRQS doctoral award, \$60,000 (2015-2017)</i>   |
| 2013-2017    | Robin Richardson (co-supervised with Arijit Nandi)<br><i>McGill GREAT Travel Award, 2013</i><br><i>HD-IDEAS Matching Studentship, 2013</i><br><i>Graduate Research Enhancement and Travel Award</i><br><i>McGill University 2016 Dissemination Travel Fellowship</i><br><i>Regroupement Strategique Sante Mondiale du RRSPQ</i><br><i>Postdoctoral fellowship in Psychiatric Epidemiology, Columbia University</i> |
| 2011-2015    | Phongsack Manivong   |
| 2009-2014    | Brittany McKinnon<br><i>Faculty of Medicine Internal Studentship, \$12,000, 2011-2012</i><br><i>Faculty of Medicine Internal Studentship, \$12,000, 2012-2013).</i><br><i>McGill GREAT Travel award (2010)</i><br><i>Faculty of Medicine International Travel Fund (2012)</i><br><i>HD-IDEAS Matching Studentship (2010, 2013)</i>   |

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### 5.3.3 Master's degree students (8)

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|-----------|---|
| 2021-2022 | Melia Alcantara (co-supervised with Seungmi Yang)   |
| 2020-2021 | Peter Socha (co-supervised with Jennifer Hutcheon)<br><i>FRQS master's award, \$35,000, 2021-2022</i> |

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|-----------|---|
| 2018-2020 | Hiba El-Haj (co-supervised with Shelley Clarke)   |
| 2019-2021 | Talia Sternbach (co-supervised with Jill Baumgartner)<br><i>MITACS Globalink Research Award, \$6,000, 2019-2020</i> |
| 2014-2015 | Sarah Mah (co-supervised with Nancy Ross)<br><i>Institute for Health and Social Policy Fellowship, 2014-15</i>      |
| 2012-2014 | Nichole Austin<br><i>McGill GREAT Travel Award (2014)</i>   |
| 2012-2014 | Andrew Gray (co-supervised with Faisca Richer)  |
| 2009-2010 | Jessica Adam-Smith  |

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### 5.3.4 Thesis committee member (15)

#### 5.3.4.1 Completed degree

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|           |  |
|-----------|--|
| 2022-2024 | Martha Lee (PhD, Epidemiology)           |
| 2017-2020 | Mabel Carabali (PhD, Epidemiology)       |
| 2016-2020 | Eva Graham, (PhD, Epidemiology)          |
| 2014-2019 | Stephanie Law (PhD, Epidemiology)        |
| 2012-2016 | Robyn Lee (PhD, Epidemiology)            |
| 2012-2016 | Hailey Banack (PhD, Epidemiology)        |
| 2011-2017 | Renee Carter (PhD, Epidemiology)         |
| 2011-2016 | Samantha Hajna (PhD, Epidemiology)       |
| 2014-2018 | Taylor McLinden (PhD, Epidemiology)      |
| 2014-2017 | Naghmeh Taramsari (PhD, Engineering)     |
| 2010-2012 | Maria Koh (MSc, Epidemiology)            |
| 2008-2010 | Candace Sirjoossingh (MSc, Epidemiology) |

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#### 5.3.4.2 Current

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| 2024-present | Jordyn Gattie (MSc, Epidemiology)  |
| 2022-present | Sarah Windle (PhD, Epidemiology)   |
| 2021-present | Doris Duncan (PhD, Epidemiology)   |
| 2014-present | Miriam Kinkaid (PhD, Epidemiology) |

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### 5.4 Invited Lectures, Talks, Presentations

#### 5.4.1 International

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| 2025 | <i>Do we need 'Natural Experiments'?</i> Seminar given (remotely) for the launch of the UK MRC's Framework for natural experimental evaluations: Launch event, May 23, 2025   |
| 2024 | <i>Impacts of transitioning to clean household energy.</i> Seminar given at the University of Copenhagen Section of Social Medicine, Copenhagen, DK, Nov 21, 2024   |
| 2024 | Keynote Address: <i>Multilevel Models in Social Epidemiology: Past, Present, and Future.</i> Danish Epidemiology Society Annual Meeting, Aarhus University, Aarhus, DK Nov 7, 2024  |
| 2024 | Invited Workshop: <i>Difference-in-Differences for Social Epidemiology.</i> Danish Epidemiology Society Annual Meeting, Aarhus University, Aarhus, DK Nov 6, 2024   |
| 2024 | <i>Despair and Disadvantage: Some Questions</i> Presentation given at the MORTAL workshop, Nuffield College, Oxford University, UK Jun 10-11, 2024  |
| 2023 | <i>Measuring Health Equity: Beyond Description.</i> US National Academy of Sciences, Engineering, & Medicine, The Ecosystem of Health Equity Measures: A Workshop, Oakland, CA, USA June 21, 2023 (remote)                                |
| 2023 | <i>A Quarter Century of Multilevel Models in Social Epidemiology: A Short Story in Three Acts.</i> Society for Epidemiologic Research Annual Meeting, Portland, OR, USA June 14, 2023   |
| 2020 | <i>Social Determinants of Health: Concepts and Methods Relevant to Air Pollution.</i> Health Effects Institute Annual Conference, Boston, MA, USA, May 20, 2020 (remote)  |
| 2019 | <i>Past and present rural-urban mortality transitions.</i> Russell Sage Foundation, New York, NY , USA, Mar 15, 2019  |
| 2018 | <i>Challenges, advantages, and limitations of quasi-experimental approaches to evaluate interventions on health inequalities.</i> Erasmus University, Rotterdam, The Netherlands, 12 Oct 2018   |
| 2017 | <i>Comments on 'Assessing the Distribution of Impacts in Global Benefit-Cost Analysis'.</i> Gates/Harvard Guidelines for Benefit-Cost Analysis Project Methods and Case Studies Workshop Harvard University, Boston, MA, USA, Nov 2, 2017 |
| 2017 | <i>Introduction to Impact Evaluation in Social Epidemiology and Public Health Epi Tools</i> Workshop Series, University of California San Francisco, San Francisco, CA, 13 April 2017   |
| 2017 | <i>Can we tax our way to equity in tobacco use?</i> Erasmus University, Health Economics Seminar, Rotterdam, The Netherlands, 11 Dec 2017   |
| 2015 | <i>Capitalizing on natural experiments to understand health impacts of policies.</i> Reimagining Health In Cities: New Directions in Urban Health Research, Drexel University, Philadelphia, PA USA, 10 Sep 2015                          |
| 2013 | <i>Strategies for Measuring and Interpreting Health Equity-Related Evaluation Data.</i> US Centers for Disease Control and Prevention, Community Transformation Grant Webinar (online), May 30, 2013                                      |
| 2012 | <i>Trends in the Black-White Life Expectancy Gap.</i> 25th Annual Dr. Walter M. Booker, Sr. Memorial Symposium, American Medical Association Annual Meeting, Los Angeles, CA USA 3 Nov 2012   |
| 2012 | <i>Social Epidemiology: Questionable Answers and Answerable Questions.</i> Department of Epidemiology, University of Washington, Seattle, WA USA.   |

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| 2011 | <i>Questions and Answers in Social Epidemiology.</i> Department of Public Health, Copenhagen University, Copenhagen, Denmark.  |
| 2011 | <i>Practical Tools for Identifying Social Determinants of Health and Measuring Health Inequalities.</i> 2011 CDC National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention Health Equity Symposium, Atlanta, GA USA. |
| 2011 | <i>Conceptual and methodological issues in measuring progress on health inequalities.</i> Academy Health Annual Meeting, Seattle, WA USA.  |
| 2011 | <i>Measuring Social Inequalities in Health: Measurement and Value Judgments.</i> International Association for Dental Research Annual Meeting. San Deigo, CA, USA.   |
| 2011 | <i>Changes in Socioeconomic Inequalities and Oral Health in Canada and the United States.</i> Australian Research Centre for Population Oral Health, Adelaide, Australia.  |
| 2010 | <i>Methods for Assessing Disproportionality.</i> US Environmental Protection Agency Symposium on Strengthening Environmental Justice and Decision Making, Washington, DC.  |
| 2010 | <i>Measuring Health Inequalities.</i> WHO Panel on Gender and Health Statistics, Washington, DC USA.   |
| 2009 | <i>Measuring and Explaining Health Inequalities.</i> University of Copenhagen Workshop on Mediation and Interaction in Epidemiology, Copenhagen, Denmark.  |
| 2009 | <i>Measuring and Monitoring Health Inequalities.</i> Danish National Institute of Public Health, University of Southern Denmark, Copenhagen, Denmark.  |
| 2009 | <i>Global Inequalities in Tobacco Consumption.</i> University of Michigan Center for Social Epidemiology and Population Health, Ann Arbor, MI USA.   |
| 2009 | <i>Measuring Health Inequalities.</i> EquiLAC II: Measurment of Healthcare Inequalities and Inequities in the Americas, Pan American Health Organization, Washington, DC USA.  |
| 2008 | <i>Measuring and Monitoring Inequalities in Health.</i> Health Disparities Interest Group (HDIG) Seminar Series, US National Cancer Institute, Bethesda, MD USA.   |
| 2006 | Invited Speaker—Health Disparities Research Methods Training Symposium, National Cancer Institute, Bethesda, MD USA.   |

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#### 5.4.2 National

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| 2023 | Invited Discussant “Causal Inference and Hierarchy of Evidence”. AI for Public Health Summer Institute, University of Toronto, July 21, 2023                                   |
| 2019 | <i>Socioeconomic Inequalities in Health: From Causal Inference to Policies,</i> Canadian Society for Epidemiology & Biostatistics Annual Meeting, Ottawa (Keynote Address)     |
| 2013 | <i>The Impact of Framing the Scale of Inequality on Judgements of Intervention Impacts.</i> Department of Community Health and Epidemiology, Dalhousie University, Halifax.    |
| 2012 | <i>Concepts and Methods in Measuring Health Inequalities</i> Université Laval 26 Nov 2012  |
| 2011 | <i>Social Epidemiology: Are the questions answerable and are the answers questionable?</i> Centre de recherche du Centre de Hospitalier de L’Universite de Montreal, Montreal. |

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| 2008 | <i>Understanding Health Inequalities in a Population Health Framework.</i> Queen's University, Kingston. |
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## 6 Other Contributions

### 6.1 Journals

#### 6.1.1 Editorial boards

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|              |  |
|--------------|--|
| 2022         | Guest Editor (with Shelley Clark and Bruce Weber), <i>RSF: The Russell Sage Foundation Journal of the Social Sciences</i> , Special Issue on Growing up in Rural America |
| 2019-present | Editorial Board, <i>Injury Prevention</i>  |
| 2018-present | Editorial Board, <i>Social Science &amp; Medicine-Population Health</i>  |
| 2010         | Guest Editor (with Ritu Sadana), <i>Public Health Reports</i> , Special Issue on Data Systems and the Social Determinants of Health                                      |

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#### 6.1.2 Ad hoc reviews

##### 6.1.2.1 Epidemiology and Public Health

*American Journal of Public Health; Annals of Epidemiology; Epidemiology; International Journal of Epidemiology; Journal of Epidemiology & Community Health; Social Science & Medicine; Scandinavian Journal of Public Health; BMC Public Health; Paediatrics & Child Health; International Journal for Equity in Health; Caries Research; Journal of Urban Health; Health & Place; American Journal of Epidemiology; International Journal of Obesity; Cancer Management and Research; Open Medicine; International Journal of Pediatric Obesity; Cancer Epidemiology, Biomarkers & Prevention; British Journal of Cancer; BMC Cancer; European Journal of Public Health; Cancer Causes & Control; PLOS ONE; Addiction; Population Health Metrics; Global Health Action; Traffic Injury Prevention; Cancer; Oxford University Press (book proposal); Journal of Drug Issues; Environmental Health; Nature Communications Medicine; Nature; Nature Medicine; The Lancet Regional Health – Southeast Asia*

##### 6.1.2.2 General Medicine

*Annals of Internal Medicine; BMJ (top 10% of peer reviewers in 2007); The Lancet; PLOS Medicine; JAMA; New England Journal of Medicine; Canadian Medical Association Journal; JAMA Pediatrics; Canadian J Cardiology*

#### **6.1.2.3 Health Policy**

*Milbank Quarterly; Health Affairs; Health Policy; Health Services Research; Evaluation Review; Medical Decision Making*

#### **6.1.2.4 Social Science**

*Demography; Population Studies; Social Compass; Social Science History; Sociological Focus; Journal of Health and Social Behavior; Population Research and Policy Review; Journal of Health and Social Behavior*

#### **6.1.2.5 Biostatistics**

*Journal of the Royal Statistical Society (A); Statistics in Medicine*

#### **6.1.2.6 Economics**

*B.E. Journal of Economics and Policy; Health Economics; Oxford Development Studies; Journal of Economic Issues; Applied Economics Letters; American Journal of Economics & Sociology*

### **6.2 Grant Reviews**

#### **6.2.1 Panel Member**

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|           |   |
|-----------|---|
| 2018-2023 | Scientific Officer, Canadian Institutes for Health Research (CIHR), Public, Community & Population Health Committee |
| 2017-2018 | Member, Canadian Institutes for Health Research (CIHR), Public, Community & Population Health Committee             |
| 2014-2016 | Canadian Institutes for Health Research (CIHR), Doctoral Research Awards  |
| 2014      | Canadian Cancer Society Research Institute (CCSRI) Career Development Awards in Prevention.                         |
| 2013-2014 | Canadian Institutes for Health Research (CIHR), Doctoral Research Awards  |
| 2010      | Canadian Cancer Society (CCS)'s Prevention Initiative at the Canadian Cancer Society Research Institute (CCSRI).    |

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### 6.2.2 Ad hoc reviews

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|      |  |
|------|--|
| 2021 | Robert Wood Johnson Foundation Interdisciplinary Research Leaders Competition                            |
| 2019 | CIHR Canada Research Chairs (Tier 1)   |
| 2019 | Faculty of Medicine, Internal grant review (2)   |
| 2014 | Competition Attracting Research Excellence (C.A.R.E), St. Mary's Hospital Center (SMHC) and Foundation.  |
| 2012 | Research Institute of the McGill University Health Centre  |
| 2012 | Keenan Research Centre of the Li Ka Shing Knowledge Institute, St. Michael's Hospital, Ontario           |
| 2012 | The Netherlands Organisation for Health Research and Development (ZonMw)                                 |
| 2011 | Research Institute of the McGill University Health Centre  |
| 2011 | Innovational Research Incentives Scheme Veni 2011 MaGW, Netherlands Organisation for Scientific Research |
| 2011 | Faculty of Medicine, McGill University   |
| 2010 | Faculty of Medicine, McGill University   |
| 2009 | Economic and Social Research Council, UK   |
| 2008 | Health Research Council of New Zealand, Health Inequalities Research Programme (HIRP)                    |
| 2007 | Michael Smith Foundation for Health Research, Canada   |

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## 6.3 Administrative Responsibilities

### 6.3.1 Current

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|           |   |
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| 2015-2024 | Doctoral Program Director, Department of Epidemiology, Biostatistics & Occupational Health (starting January, 2015) |
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### 6.3.2 Past

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| 2013-2014 | Doctoral Program Advisor, Department of Epidemiology, Biostatistics & Occupational Health |
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## 6.4 Committees

### 6.4.1 International

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|              |   |
|--------------|---|
| 2024-present | Member, Expert Review Group on <i>Collaborative Health Equity Measurement</i> , Maternal and Child Health Bureau, US Health Resources and Services Administration |
| 2023-present | Member, Expert Review Group, <i>Health Inequality Monitoring Handbook</i> , World Health Organization   |
| 2017-present | Member, Working Group, <i>Health Equity Toolkit Assessment</i> , World Health Organization  |
| 2016         | Expert Member, US National Institute for Minority Health and Health Disparities <i>Science Vision of Health Disparities Research Committee</i>                    |
| 2009-2011    | Indicators Sub-Group Chair, <i>Scientific Resource Group On Health Equity Analysis and Research</i> , World Health Organization                                   |
| 2008-2015    | Technical Advisor, Pan American Health Organization, <i>Proyecto CD-ROM Course Midiendo Desigualdades en Salud-Medindo Desigualdades em Saúde</i>                 |
| 2008-2012    | Technical Advisor, US National Cancer Institute, <i>HDCalc Statistical Software for Measuring and Monitoring Health Disparities</i>                               |
| 2008-2010    | Member, Expert Group Core, Socioeconomic Factors Expert Group, <i>Global Burden of Diseases, Injuries, and Risk Factors Study</i>                                 |
| 2004         | Invited Participant—The Economic Costs of Cancer Health Disparities Think Tank, National Cancer Institute, Bethesda, MD USA.                                      |

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### 6.4.2 National

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|--------------|--|
| 2022-present | Steering Group Member, <i>Pan-Canadian Health Inequalities Reporting Initiative</i> , Public Health Agency of Canada |
| 2019-2021    | Working Group Member, <i>Health Inequalities Reporting Initiative</i> , Canadian Institute for Health Information    |
| 2007-2009    | Consultant, Health Group, Canadian Household Panel Survey, Statistics Canada   |

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### 6.4.3 University

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|           |   |
|-----------|---|
| 2021-2022 | Member, Working Group, SPGH Trials Innovation Platform                                      |
| 2020      | Member, SPGH “Visioning” Committee  |
| 2017-2018 | Co-chair of Centre on Population Dynamics weekly seminar series                             |
| 2014-2015 | Member (interim), Quebec Inter-University Centre for Social Statistics Management Committee |

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#### 6.4.4 Departmental

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|              |  |
|--------------|--|
| 2023         | Member, Tenure-Track Faculty Recruitment Committee   |
| 2023         | Examiner, PhD protocol defense (Doris Duran)   |
| 2014         | Internal Member, PhD oral defense committee (Jill Korsiak)   |
| 2021         | Chair, Tenure-Track Faculty Recruitment Committee  |
| 2021         | Internal Member, PhD oral defense committee (Devin Abrahami)   |
| 2021         | Internal Member, PhD oral defense committee (Joanne Kim)   |
| 2020         | Internal Member, PhD oral defense committee (Tanya Murphy)   |
| 2019         | Member, Tenure-Track Faculty Recruitment Committee   |
| 2018-present | Member, Departmental Tenure and Promotion Committee  |
| 2018         | Examiner, PhD protocol defense (Oduro Oppong-Nkrumah)  |
| 2012         | External Examiner, Master's Degree Thesis (Marichelle Leclair)   |
| 2016         | Member, Tenure-Track Faculty Recruitment Committee   |
| 2015         | Internal Examiner, PhD oral defense committee (Liane Soller)   |
| 2014-present | Member, Departmental Epidemiology Program Committee  |
| 2014         | Member, PhD oral defense committee (Joseph Tota)   |
| 2014         | Examiner, PhD protocol defense (Hiroshi Mamiya)  |
| 2013         | Internal Examiner, PhD protocol defense (Erika Braithwaite)  |
| 2013         | Member, Ad-hoc committee on benchmarking for merit review  |
| 2013         | Member, MScPH Program Committee  |
| 2013         | Member, Tenure-Track Faculty Recruitment Committee   |
| 2012-2014    | Member, Curriculum Committee   |
| 2013         | Member, MScPh Admissions Committee   |
| 2012-present | Member, PhD Admissions Committee   |
| 2012         | Member, Tenure-Track Faculty Recruitment Committee (joint appointment with Institute for Health and Social Policy) |
| 2009-2016    | Member, PhD Comprehensive Exam Committee   |
| 2012         | External Examiner, Doctoral Degree Thesis Protocol (Hojoon Sohn)   |
| 2012         | Internal Examiner, PhD Thesis (Aihua Liu)  |
| 2012         | External Examiner, Master's Degree Thesis (Anurag Bhargava)  |
| 2012         | External Examiner, Master's Degree Thesis (David Kaiser)   |
| 2011         | External Examiner, Master's Degree Thesis (George Thanassoulis )   |
| 2011         | External Examiner, Master's Degree Thesis (Helen Cerigo)   |

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#### 6.5 Professional Societies

- Society for Epidemiologic Research
- International Epidemiological Association
- American Public Health Association
- Delta Omega Honorary Society in Public Health

- Population Association of America
- International Union for the Scientific Study of Population

## 6.6 Other Professional and Scientific Contributions

### 6.6.1 Other McGill contributions

- 2024 Thesis Writing Workshop, EBOH
- 2023 Thesis Writing Workshop, EBOH
- 2022 Thesis Writing Workshop, EBOH
- 2021 Thesis Writing Workshop, EBOH
- 2021 Pro-Dean, Department of Economics (Jean-François Fournel)
- 2018 Pro-Dean, Department of Music (David Rafferty)
- 2017 Pro-Dean, Department of Civil Engineering (Mohammed Talukder)
- 2013 Pro-Dean, Department of English (Ian Whittington)

### 6.6.2 Reviews for promotion or tenure

- 2023 Drexel University
- 2018 Brown University
- 2015 University of California, Los Angeles
- 2012 Keenan Research Centre of the Li Ka Shing Knowledge Institute at St. Michael's

### 6.6.3 Reviews of protocols and theses

- 2024 PhD half-time committee review, Karolinska Institute (Balram Rai)
- 2024 PhD oral defense committee member, University of Toronto (Calvin Yip)
- 2022 PhD oral defense committee member, Erasmus Medical Centre (Erica Renhard)
- 2013 PhD protocol committee, Université de Montreal (Syed Ahsan Raza)
- 2012 External Examiner, Doctoral Degree Thesis, McMaster University (Hmwe Hmwe Kyuu)
- 2011 PhD protocol committee, Université de Montreal, (Carl-Etienne Juneau)

### 6.6.4 Conference, workshop and panel organization

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|      |  |
|------|--|
| 2020 | Co-organizer, Growing Up in Rural America: How Place Shapes Education, Health, Family, and Economic Outcomes. Russell Sage Foundation, New York, NY, USA, March 26-27, 2020. |
| 2019 | Organizing committee, Atlantic Causal Conference Annual Meeting, Montreal, QC  |
| 2015 | Session Chair, "Social Determinants of Health" Population Association of America Annual Meeting, San Diego, CA, USA  |

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| 2015         | Session Chair, "Psychosocial Factors and Health" Population Association of America Annual Meeting, San Diego, CA, USA  |
| 2014         | Session Co-Chair, Concurrent Contributed Session (CCS), Society for Epidemiologic Research Annual Meeting, Seattle, WA   |
| 2014         | Session Chair, "Health Inequalities: From Measurement to Policy" QICSS International Conference on Social Policy and Health Inequalities, Montreal QC  |
| 2014         | Abstract reviewer, 2014 QICSS International Conference Social policy and health inequalities: An international perspective   |
| 2014         | Abstract reviewer, 2014 Student Research Day, Department of Epidemiology, Biostatistics & Occupational Health, McGill University   |
| 2013         | Poster Judge, Society for Epidemiologic Research Annual Meeting, Boston, MA  |
| 2013         | Abstract reviewer, 2013 Student Research Day, Department of Epidemiology, Biostatistics & Occupational Health, McGill University   |
| 2012         | Chair, Spotlight Session, Society for Epidemiologic Research Annual Meeting, Minneapolis, MN   |
| 2011         | Co-chair, Educational Session "How Do We Measure Disparities and Assess Progress?" Fourth Annual American Association for Cancer Research Conference on The Science of Cancer Health Disparities |
| 2011         | Abstract reviewer, 2011 Canadian Society for Epidemiology and Biostatistics Annual Meeting   |
| 2011-present | Organizer and Faculty Lead, Social Epidemiology Journal Club, Department of Epidemiology, Biostatistics & Occupational Health, McGill University   |

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### 6.6.5 Media appearances (selected)

#### *Interviews*

- CBC The National, June 12, 2020
- CBC News Montreal, June 11, 2020
- The National Post, May 13, 2020
- The New York Times, November 26, 2019
- Journal du Quebec, May 30, 2019
- NPR, Hidden Brain, Januar 9, 2018
- STAT News, July 3, 2018
- Business News (India), August 7, 2017
- The Los Angeles Times, July 9, 2017
- The Washington Post, July 8, 2017
- The Economist, July 7, 2017
- Fortune Magazine, July 6, 2017
- The Washington Times, July 3, 2017
- PBS News Hour, April 30, 2017

- Reuters, April 18, 2017
- Vox, December 13, 2016
- The New York Times, June 1, 2016
- The New York Times, May 5, 2016
- KUT.org (Austin, TX), May 7, 2016
- The Economist, August 14, 2014
- Wisconsin Public Television, Here and Now, August 8, 2014
- Milwaukee Journal Sentinel, August 4, 2014
- The New York Times, December 18, 2013
- Chicago Tribune, November 19, 2013
- Reuters Health, November 19, 2013
- Anniston Star, October 6, 2013
- The New York Times, July 18, 2013
- US News and World Report, July 18, 2013
- Reuters Health, April 24, 2013
- Christian Science Monitor, June 12, 2012
- Los Angeles Times, June 8, 2012
- Houston Chronical, June 7, 2012
- Atlanta Journal-Constitution, June 7, 2012
- Dallas Morning News, June 7, 2012
- Bloomberg BusinessWeek, Dec 9, 2010
- Bloomberg News, August 19, 2009
- Journal of the National Cancer Institute, May 20, 2009
- The New York Times, April 27, 2008
- Radio France Internationale, 2007
- Science Friday, National Public Radio, 2007
- A Closer Look, Kaiser Family Foundation, 2007
- The JAMA Report, 2007

#### *Newspaper Coverage*

New York Times, Washington Post, Forbes, Indian Express, Winnipeg Free Press, Los Angeles Times, Baltimore Sun, Boston Herald, Globe and Mail, Montreal Gazette, National Post, La Presse, Victoria Times-Colonist, McGill Reporter

#### *Web Coverage*

Scientific American, The Economist, CNN, CTV, Reuters, Voice of America, The Heart, People's Daily Online (China), Newsday, Reuters UK, Florida Sun-Sentinel, Jamaica Gleaner, Detroit News, Journal of the National Cancer Institute, BreastCancer.Net News, Fierce for Black Women, Futurity, Medical Daily, Medscape, Science Recorder,

## 7 Research

### 7.1 Research Activities

My research focuses on investigating how social and environmental factors impact health outcomes and health inequalities. My work is interdisciplinary, combining epidemiological methods with social science approaches to gain insights into the complex interactions between health and society. My research covers a wide variety of topics, but my major areas of focus are:

- (i) *Methods for measuring health inequalities.* Measuring and monitoring health inequalities are crucial activities for providing evidence on the impact of medical interventions and policies on vulnerable populations, and for testing the plausibility of etiologic factors that may influence social differences in health. My work takes a systematic approach to health inequality measurement and emphasizes the importance that extra-scientific value judgments play in interpreting evidence on the magnitude and trends of health inequalities.
- (ii) *Analysis of life expectancy trends.* Life expectancy is a fundamental and well-established measure of overall population health. I have made extensive use of demographic techniques for decomposing changes in life expectancy between social groups as a tool for generating evidence on the causes of health inequalities.
- (iii) *Experimental and quasi-experimental approaches to health inequalities.* I use randomized interventions and plausibly random changes in social and economic policies to estimate the causal effects of exposures on population health and health inequalities. I have used econometric techniques such as difference-in-differences and instrumental variables to estimate the health effects of medical marijuana laws, mandatory seat belt laws, and the Great Recession in the USA, user-fees in sub-Saharan Africa, and tobacco policies in Canada.

### 7.2 Personal Support Awards

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|           |  |
|-----------|--|
| 2018-2022 | Endowed Professorship, <i>Impact of Health and Social Policy on Health Inequalities.</i><br>Erasmus University Medical Center. \$103,032 |
| 2013-2017 | Chercheur-Boursier Junior 2 award, Fonds de recherche du Québec – Santé.<br>\$241,008  |
| 2009-2013 | Chercheur-Boursier Junior 1 award, Fonds de Recherche en Santé du Québec.<br>\$219,764   |

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### 7.3 Research Grants

#### 7.3.1 Current

##### The Influence of Reviewer Expertise and Engagement on Peer Review of Grants

Agency: Social Science and Humanities Research Council of Canada

Role: PI

Amount: CAD \$780,000

Duration: 2025-2028

**Evaluating the Child Health Consequences of a Major Welfare Reform in Denmark**

Agency: Independent Research Fund Denmark, The Inge Lehmann Programme

Role: Co-Applicant (NPI Else Foverskov)

Amount: DKK 3,599,989 / CAD \$780,000

Duration: 2026-2029

**Examining the role of discrimination in restricting women's labor force participation in India:  
Developing the foundation for an experimental correspondence study**

Agency: Social Science and Humanities Research Council of Canada

Role: Co-Applicant (NPI Arijit Nandi)

Amount: CAD \$63,195

Duration: 2024-2025

**Impacts of cannabis decriminalization and legalization on cannabis and other substance use: a systematic review of global policy changes**

Agency: Canadian Institutes for Health Research

Role: Co-Applicant (NPI Arijit Nandi)

Amount: CAD \$110,000

Duration: 2023-2025

**PREgnancy outcomes during a PAndemic REsponse (PREPARE) Unlocking lockdown's silver lining**

Agency: ZonMW (Dutch)

Role: Co-Applicant (NPI Jasper Been)

Amount: CAD \$293,606

Duration: 2022-2024

**The impact of early-childhood education and care policies on children's cognitive and non-cognitive skills, health and well-being in the United States**

Agency: Social Science and Humanities Research Council of Canada

Role: PI

Amount: CAD \$220,650

Duration: 2022-2025

**Addressing the Wider Health Impacts of COVID-19**

Agency: Canadian Institutes for Health Research

Role: Co-PI (NPI Arijit Nandi)  
Amount: CAD \$423,000  
Duration: 2022-2024

### **How do Household Energy Interventions Work?**

Agency: Health Effects Institute  
Role: NPI (with Jill Baumgartner)  
Amount: CAD \$1,019,956  
Duration: 2019-2024

### **Evaluating the impact of universal early childhood education policies on adolescent scholastic achievement, health, and well-being in high-income countries.**

Agency: Social Science and Humanities Research Council of Canada  
Role: Co-Investigator (PI: Arijit Nandi)  
Amount: CAD \$300,000  
Duration: 2019-2023

### **Air Pollution, Indoor Temperature, and Health Impacts of the Beijing Coal Ban and Heating Stove Replacement**

Agency: Canadian Institutes for Health Research  
Role: Co-PI (with Jill Baumgartner)  
Amount: CAD \$952,454  
Duration: 2018-2023

### **Short term benefits but long term harm? Assessing the consequences of antenatal corticosteroid administration for child neurodevelopment**

Agency: Canadian Institutes for Health Research  
Role: Co-PI (with Jennifer Hutcheon and Erin Strumpf)  
Amount: CAD \$221,850  
Duration: 2018-2023

### **7.3.2 Past**

#### **The CART PREG-Epi Study: Pandemic Reproductive health and health Equity: Guidance from Epidemiology to improve reproductive, perinatal, and maternal mental health and substance use care**

Agency: Canadian Institutes for Health Research  
Role: Co-PI (NPI Wendy Norman)  
Amount: CAD \$100,000

Duration: 2021-2022

**Every maternal death counts: understanding driving safety in pregnant and post-partum women**

Agency: Canadian Institutes for Health Research

Role: PI (with Jennifer Hutcheon)

Amount: CAD \$75,000

Duration: 2021-2022

**Establishing a Relationship Between Philosophy and Epidemiological Research and Practice: Modelling Ethical Standards of Health Equity (MESHE)**

Agency: Canadian Institutes for Health Research

Role: Co-applicant (NPI Maxwell Smith)

Amount: CAD \$20,000

Duration: 2019-2020

**Improving maternal and newborn health in underserved areas in Tanzania**

Agency: Department of Foreign Affairs, Trade, and Development

Role: Partner (Principal applicant: CARE Canada)

Amount: CAD \$12,000,000 total, CAD \$343,415 sub-award to McGill

Duration: 2017-2021

**Identifying and Evaluating New Environmental Risk Factors for Cancer, Cardiovascular, and Neurological Diseases through Innovative Approaches to Population-Based Exposure Assessment**

Agency: Canadian Institutes for Health Research

Role: Co-Investigator (NPI Scott Weichenthal)

Amount: CAD \$1,020,510

Duration: 2016-2021

**Impact of affordable daycare on early life education in rural India**

Agency: Spencer Foundation

Role: PI

Amount: CAD \$68,704

Duration: 2016-2017

**Affordable daycare to empower Indian women**

Agency: International Development Research Centre

Role: Co-PI (with Arijit Nandi)

Amount: CAD \$1,000,000

Duration: 2014-2018

**Social, economic and policy influences on social inequalities in adolescent health: a cross-national comparative study in 43 countries (1986-2014)**

Agency: Canadian Institutes for Health Research

Role: Co-Investigator (PI: Frank Elgar)

Amount: CAD \$311,596

Duration: 2014-2018

**Maximizing population benefit and impact by applying population risk tools: A new direction for diabetes prevention in Canada**

Agency: Canadian Institutes for Health Research

Role: Co-Investigator (PI: Laura Rosella)

Amount: CAD \$1,740,300

Duration: 2014-2015

**From association to causation: Using natural experiments to evaluate the impact of population health interventions on health inequalities**

Agency: Canadian Institutes for Health Research

Role: NPI (with Erin Strumpf)

Amount: CAD \$200,000

Duration: 2012-2016

**Measuring global health**

Agency: Canadian Institutes for Health Research

Role: Co-Investigator (PI: Kristin Voigt)

Amount: CAD \$44,011

Duration: 2012-2014

**Reducing inequalities in the burden of human papillomavirus (HPV) related diseases in Canada through optimal vaccination and screening policies: A multidisciplinary model-based approach**

Agency: Canadian Institutes for Health Research

Role: Co-Investigator (PI: Marc Brisson)

Amount: CAD \$532,776

Duration: 2012-2015

**Examining the Impact of Social Policies on Health Equity: How Policies Designed to Reduce Poverty and Gender Inequality Affect Morbidity and Mortality in Children and Women**

Agency: Canadian Institutes for Health Research

Role: Co-Investigator (PI: Arijit Nandi)

Amount: CAD \$1,700,000

Duration: 2011-2016

**Ethics, Social Determinants of Health, and Health Equity: Integrating Theory and Practice**

Agency: Canadian Institutes for Health Research

Role: Co-Investigator (PIs: Nicholas B. King and Daniel Weinstock)

Amount: CAD \$1,740,300

Duration: 2011-2016

**Measurement, Ethics, and Health Policy: Investigating the Role of Value Judgments in the Measurement and Evaluation of Health Inequalities**

Agency: Canadian Institutes for Health Research

Role: Co-Investigator (PI: Nicholas King)

Amount: CAD \$190,000

Duration: 2010-2013

**CIHR Team in Microsimulation Modeling of the Impact of Health Interventions and Policies**

Agency: Canadian Institutes for Health Research

Role: Co-Investigator (PI: Jacek Kopec)

Amount: CAD \$1,448,630

Duration: 2009-2014

**Social Inequality in Reproductive Health: The Changing Role of Education as a Determinant of Preterm Birth and Fetal Growth Over Time**

Agency: Canadian Institutes for Health Research

Role: Co-Investigator (PI: Nathalie Auger)

Amount: CAD \$77,863

Duration: 2010-2011

**Investigating the Role of Self-Report Bias in Health Inequalities Between and Within Countries**

Agency: Canadian Institutes for Health Research

Role: PI

Amount: CAD \$181,308

Duration: 2009-2012

**Strategic Training Initiative in Biostatistics**

Agency: Canadian Institutes for Health Research

Role: Co-Investigator (PIs: Michal Abrahamowicz, Richard Cook, Jerald Lawless, Erica Moodie, Robert Platt)

Amount: CAD \$4,950

Duration: 2008-2009

**Methods for Monitoring Social Disparities in Health**

Agency: US National Institutes for Health

Role: PI

Amount: CAD \$28,000

Duration: 2007-2009

**Methods for Monitoring Social Disparities in Health**

Agency: Canadian Institutes for Health Research

Role: Co-PI (with Spencer Moore and John Lynch)

Amount: CAD \$40,000

Duration: 2007-2008

## 7.4 Publications

### 7.4.1 Articles in peer reviewed journals

\*Indicates one of my trainees.

Hutcheon JA, **Harper S**, Cordingley MC, Liauw J, Skoll MA, Socha PM, Srour M, Ting JY, Strumpf EC. Antenatal Corticosteroid Administration and Childhood Respiratory Morbidity: A Regression Discontinuity Study. *BJOG: An International Journal of Obstetrics & Gynaecology*. 2025; 147:10528.18252.

Bannon OS, Been JV, **Harper S**, Laverty AA, Millett C, van Lenthe FJ, Filippidis FT, Radó MK. Cigarette Taxation and Socioeconomic Inequalities in Under-5 Mortality across 94 Low-Income and Middle-Income Countries: A Longitudinal Ecological Study. *The Lancet Public Health*. 2025; 10: e380-e390.

Chen D, Momen NC, Ejlskov L, Bødkergaard K, Werenberg Dreier J, et al. Socioeconomic inequalities in mortality associated with mental disorders: a population-based cohort study. *World Psychiatry* 2025;24(1):92-102.

Nandi A, Agarwal P, Chandrashekhar A, Maloney S, Richardson R, Thakur L, **Harper S**. Access to affordable daycare and women's mental health in Rajasthan, India: Evidence from a cluster-randomised social intervention. *J Glob Health* 2024;14:04063.

Lee M, Chang J, Deng Q, Hu P, Bixby H, **Harper S**, Shen G, Tao S, Guo M, et al. Effects of a coal to clean heating policy on acute myocardial infarction in Beijing: a difference-in-differences analysis. *Lancet Planet Health* 2024;8(11):e924-e932.

Burgos-Ochoa L, Bertens LCM, Boderie NW, Gravesteijn BY, PREPARE Consortium et al. Impact of COVID-19 mitigation measures on perinatal outcomes in the Netherlands. *Public Health* 2024;236:322-7.

Gravesteijn BY, Boderie NW, van den Akker T, Bertens LCM, PREPARE Consortium et al. Effect of COVID-19 lockdown on maternity care and maternal outcome in the Netherlands: a national quasi-experimental study. *Public Health* 2024;235:15-25.

\*Al-Soneidar WA, **Harper S**, Coutlée F, Gheit T, Tommasino M, Nicolau B. Prevalence of Alpha, Beta, and Gamma Human Papillomaviruses in Patients With Head and Neck Cancer and Noncancer Controls and Relation to Behavioral Factors. *J Infect Dis* 2024;229(4):1088-96.

\*Hetherington E, Darling E, **Harper S**, Nguyen F, Schummers L, et al. Inequalities in access to prenatal care during the COVID-19 pandemic: Analysis of a population-based cohort. *Paediatr Perinat Epidemiol* 2024;38:291-301.

\*Socha PM, **Harper S**, Strumpf E, Murphy KE, Hutcheon JA. Antenatal corticosteroids and newborn respiratory outcomes in twins: A regression discontinuity study. *BJOG* 2024;131: 1064-1071.

\*Socha PM, **Harper S**, Hutcheon JA. Methods of confounder selection in obstetrics and gynaecology studies: An overview of recent practice. *BJOG*. 2024 . Online ahead of print.

\*Socha PM, **Harper S**, Strumpf E, Murphy KE, Hutcheon JA. Antenatal corticosteroids and newborn respiratory outcomes in twins: A regression discontinuity study. *BJOG* . Online ahead of print.

**Harper S**, Nandi A. Empirical Challenges in Defining Treatments and Time in the Evaluation of Gun Laws. *Epidemiology* 2023 Nov 1;34(6):793-5.

\*Al-Soneidar W, **Harper S**, Coutlée F, Gheit T, Tomassino M, Nicolau B. Prevalence of Alpha, Beta, and Gamma Human Papillomaviruses (HPV) in head and neck cancer patients and non-cancer controls and relation to behavioral factors. *Journal of Infectious Diseases* 2023 (forthcoming).

Flores Anato JL, Ma H, Hamilton MA, Xia Y, **Harper S**, Buckeridge D, Brisson M, Hillmer MP, Malikov KA, Kerem A, Beall R. Impact of a vaccine passport on first-dose COVID-19 vaccine coverage by age and area-level social determinants in the Canadian provinces of Québec and Ontario: an interrupted time series analysis. *CMAJ Open* 2023;11(5):E995-E1005.

\*Hetherington E, **Harper S**, Davidson R, Festo C, Lampkin N, Mtenga S, Teixeira C, Vincent I, Nandi A. Impact evaluation of the TAMANI project to improve maternal and child health in Tanzania. *J Epidemiol Community Health* 2023;77(6):410-6.

\*Socha P, **Harper S**, Hutcheon JA. Subgroup effects should be examined using both relative and absolute effect measures. *Australian and New Zealand Journal of Obstetrics and Gynaecology*; 2023 Jun;63(3):469-72.

Hawkins SS, **Harper S**, Baum CF, Kaufman JS. Associations between State-Level Changes in Reproductive Health Services and Indicators of Severe Maternal Morbidity. *JAMA Pediatr* 2023;177(1):93-95.

Windle SB, \*Socha P, Nazif-Munoz JI, **Harper S**, Nandi A. The Impact of Cannabis Decriminalization and Legalization on Road Safety Outcomes: A Systematic Review. *Am J Prev Med* 2022;63(6):1037-1052.

\*Al-Soneidar WA, **Harper S**, Alli BY, Nicolau B. Interaction of HPV16 and Cutaneous HPV in Head and Neck Cancer. *Cancers* 2022;14(21).

\*Sternbach TJ, **Harper S**, Li X, Zhang X, Carter E, Zhang Y, et al. Effects of indoor and outdoor temperatures on blood pressure and central hemodynamics in a wintertime longitudinal study of Chinese adults. *J Hypertens* 2022;40(10):1950-1959.

Lopes FV, Bakx P, **Harper S**, Ravesteijn B, Van Ourti T. The effects of supported housing for individuals with mental disorders. *Health Econ* 2022;31(S2):115-133.

Li X, Baumgartner J, **Harper S**, Zhang X, \*Sternbach T, Barrington-Leigh C, et al. Field measurements of indoor and community air quality in rural Beijing before, during, and after the COVID-19 lockdown. *Indoor Air* 2022;32(8).

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\*Al-Soneidar WA, **Harper S**, Madathil SA, Schlecht NF, Nicolau B. Do cutaneous human papillomavirus genotypes affect head and neck cancer? Evidence and bias-correction from a case-control study. *Cancer Epidemiol* 2022;79.

Davis LE, Webber C, Datta GD, Wiens A, **Harper S**, Hallet J, et al. Assessing research methodologies used to evaluate inequalities in end-of-life cancer care research: A scoping review protocol. *BMJ Open* 2022;12(7).

\*Capurro DA, **Harper S**. Socioeconomic inequalities in health care utilization in Paraguay: Description of trends from 1999 to 2018. *J Health Serv Res Policy* 2022;27(3):180-189.

Li X, Baumgartner J, Barrington-Leigh C, **Harper S**, Robinson B, Shen G, et al. Socioeconomic and Demographic Associations with Wintertime Air Pollution Exposures at Household, Community, and District Scales in Rural Beijing, China. *Environ Sci Technol* 2022;56(12):8308-8318.

Clark S, **Harper S**, Weber B. Growing Up in Rural America. *RSF* 2022;8 (3) 1-47;

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Hutcheon JA, **Harper S**. No, it is not too good to be true: Response by Hutcheon and Harper. *Paediatric and perinatal epidemiology* 2021;35(6): 781-782.

Jahagirdar D, Dimitris M, Strumpf EC, Kaufman JS, **Harper S**, Heymann J, Nandi A. Balancing work and care: the effect of paid adult medical leave policies on employment in Europe. *Journal of Social Policy* 2021;50(3):552-568.

Graham E, Watson T, Deschenes SS, Filion KB, Henderson M, **Harper S**, Rosella L, Schmitz N. Depression-related weight change and incident diabetes in a community sample. *Scientific reports* 2021;11(1):1-10.

Palayew A, **Harper S**, Hanley JA. Toward Reducing the Possibility of False-Positive Results in Epidemiologic Studies of Traffic Crashes. *Chance* 2021;34(2):44-52.

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\*Arsenault C, **Harper S**, Nandi A. Effect of vaccination on children's learning achievements: findings from the India Human Development Survey. *J Epidemiol Community Health.* 2020 Oct;74(10):778-784. .

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\*Riddell CA, Kaufman JS, Torres JM, **Harper S**. Using change in a seat belt law to study racially-biased policing in South Carolina. *Prev Med.* 2020 Jan;130:105884. .

Goldstein ND, Hamra GB, **Harper S**. Are Descriptions of Methods Alone Sufficient for Study Reproducibility? An Example From the Cardiovascular Literature. *Epidemiology.* 2020 Mar;31(2):184-188. .

SS Hawkins, M Ghiani, **S Harper**, CF Baum, JS Kaufman. Impact of State-Level Changes on Maternal Mortality: A Population-Based, Quasi-Experimental Study. *American Journal of Preventive Medicine* 2020;58:165-174.

Kaufman JS, \*Riddell CA, **Harper S**. Black and White differences in life expectancy in 4 US states, 1969-2013. *Public Health Reports* 2019;134:634-642.

\*Austin N, **Harper S.** Constructing a longitudinal database of targeted regulation of abortion providers laws. *Health Serv Res.* 2019;54(5):1084–1089. .

\*Austin N, **Harper S.** Quantifying the impact of targeted regulation of abortion provider laws on US abortion rates: a multi-state assessment. *Contraception.* 2019;100(5):374-379 pii: Socio-7824(19)30202-1. .

Richardson R, Nandi A, Jaswal S, **Harper S.** The effect of intimate partner violence on women's mental distress: a prospective cohort study of 3010 rural Indian women. *Soc Psychiatry Psychiatr Epidemiol.* 2019 Jun 8. . [Epub ahead of print]

Richardson RA, **Harper S**, Bates LM, Nandi A. The effect of agency on women's mental distress: A prospective cohort study from rural Rajasthan, India. *Soc Sci Med.* 2019 Jul;233:47-56..

Sreeramareddy CT, **Harper S.** Trends in educational and wealth inequalities in adult tobacco use in Nepal 2001-2016: secondary data analyses of four Demographic and Health Surveys. *BMJ Open.* 2019 Sep 6;9(9):eo29712. .

Hamra GB, Goldstein ND, **Harper S.** Resource Sharing to Improve Research Quality. *Journal of the American Heart Association.* 2019;8(15):eo12292.

J Ahn, **S Harper**, M Yu, EJ Feuer, B Liu. Improved Monte Carlo methods for estimating confidence intervals for eleven commonly used health disparity measures. *PLoS ONE.* 2019 Jul 11;14 (7), e0219542.

Hamadani F, Razek T, Massinga E, Gupta S, Muataco M, Muripiha P, Maguni C, Muripa V, Percina I, Costa A, Yohannan P, Bracco D, Wong E, **Harper S**, Deckelbaum DL, Neves O.. Trauma Surveillance and Registry Development in Mozambique: Results of a 1-Year Study and the First Phase of National Implementation. *World J Surg.* 2019 Jul;43(7):1628-1635. .

**Harper S.** A future for observational epidemiology: Clarity, credibility, transparency. *Am J Epidemiol* 2019;188:840-845.

**Harper S.** Would stronger seat belt laws reduce motor vehicle crash deaths? A semi-Bayesian analysis. *Epidemiology* 2019;30:380-7.

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