

CURRICULUM VITAE

JAY SCOTT KAUFMAN

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EDUCATION:

THE UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN

Doctor of Philosophy (Epidemiologic Science) 1995

Dissertation Title: *Blood Pressure in Urban and Rural Nigeria: Dietary, Psychosocial and Anthropometric Determinants* (UMI, 9527659)

Committee Chair: Sherman A. James, Ph.D

THE UNIVERSITY OF IBADAN, IBADAN, NIGERIA

Visiting Researcher (Department of Preventive and Social Medicine) 1993-1994

THE PEABODY INSTITUTE OF MUSIC, BALTIMORE, MARYLAND

Bachelor of Music (Performance) 1990

THE JOHNS HOPKINS UNIVERSITY, BALTIMORE, MARYLAND

Bachelor of Arts (Behavioral Biology) 1986

OBERLIN COLLEGE AND CONSERVATORY OF MUSIC, OBERLIN, OHIO

Enrolled 1981-1984

RESEARCH AND ACADEMIC POSITIONS:

PROFESSOR, Department of Epidemiology, Biostatistics and Occupational Health,
McGill University, QC, Canada (2012-)

ASSOCIATE MEMBER, Institute for Health and Social Policy, McGill University, (2014-2022)

FULL MEMBER, Centre on Population Dynamics, McGill University, (2012-)

VISITING PROFESSOR, Division of Epidemiology, School of Public Health,
Faculty of Medicine of the University of Chile, Santiago (2007-)

ADJUNCT PROFESSOR, Department of Epidemiology, University of Michigan
School of Public Health, Ann Arbor, MI, USA (2010-)

ADJUNCT PROFESSOR, Department of Epidemiology, University of North Carolina School
of Public Health, Chapel Hill, NC, USA (2011-)

ASSOCIATE PROFESSOR, Department of Epidemiology, Biostatistics and Occupational
Health, McGill University, Quebec, Canada (2009-2012)

ASSOCIATE PROFESSOR, Department of Epidemiology, University of North Carolina,
Chapel Hill (2005-2010)

ASSISTANT PROFESSOR, Department of Epidemiology, University of North Carolina,
Chapel Hill (1999-2005)

RESEARCH FELLOW, Cecil G. Sheps Center for Health Services Research, University of North

Carolina, Chapel Hill (2003-2010)
FELLOW, Carolinas Population Center, University of North Carolina, Chapel Hill (1999-2010)
RESEARCH EPIDEMIOLOGIST, Department of Research Planning and Evaluation, Carolinas Medical Center (1997- 1999)
RESEARCH ASSOCIATE, Department of Preventive Medicine and Epidemiology, Loyola University Medical Center (1995-1997)

ACADEMIC HONORS AND AWARDS:

David Schottenfeld Lectureship, University of Michigan School of Public Health, Ann Arbor, 2022
Honorary Professorship, Universidad San Ignacio de Loyola, Lima, Peru, 2018
Saxon Graham Lectureship, Dept of Epidemiology & Environmental Health, Univ of Buffalo, 2018
Excellence in Education Award, Society for Epidemiologic Research (SER), 2017
Johann Sussmilch Lectureship, Max Planck Institute for Demographic Research, Germany, 2017
Departmental Teaching Award, McGill University, 2016
Wade Hampton Frost Lectureship, American Public Health Association, 2014
Canada Research Chair in Health Disparities, 2010-2017
CIES Fulbright Lecturing/Research Award, Santiago, Chile, 2007
Robert Wood Johnson Foundation Investigator Award in Health Policy Research, 2006-2008
Delta Omega Honorary Public Health Society, 2006
Rothman Epidemiology Prize, 1998 (Best Paper Published in *Epidemiology* in 1997)
Rackham Dissertation Fellowship, University Of Michigan, 1994; Declined
Angus Campbell Memorial Fellowship, Institute for Social Research, Univ Michigan, 1991-1992
Regents Graduate Fellowship, University of Michigan, 1990-1993
Azalia H. Thomas Prize, Peabody Institute of Music, 1990
Thomas J. Watson Fellowship, Providence, RI, 1986-1987
Phi Beta Kappa Honorary Society, Johns Hopkins University, 1986
General and Departmental Honors, Johns Hopkins University, 1986

CURRENT SERVICE:

Member, External Advisory Group, Wellcome Trust Discovery Award on Transforming the Response to the HIV Epidemics amongst Key Populations (2023-2031)
Informed Population Health Opinions (INPHO) survey, Panelist, (2022-)
Advisory Committee, University of Michigan Summer Session in Epidemiology (2019-2026)
Editor, *Epidemiology* (2007-)
Editorial Board, *International Journal of Biostatistics* (2011-)

PAST SERVICE:

Conference Co-Chair, 2023 SER International Mid-year Meeting, Cuernavaca, Mexico.
“Mexico-US experiences and needs in epidemiology”, Tuesday, March 14, 2023
President, Society for Epidemiologic Research (2020–2021)
Co-Chair, Diversity and Inclusion Committee, Society for Epidemiologic Research (2020–2022)
Organizing Committee, Atlantic Causal Inference Conference, Montreal, QC, 2019
Social Determinants Working Group, US NIMHHD, NIH (2016–2017)

CIHR Doctoral Research Award – B (DRB) Review Committee (2016–2017)
Editorial Board, *Revista Chilena de Salud Pública* (2013–2018)
Chairman of the Education Committee of the Society for Epidemiologic Research (2013–2016)
Executive Board, McGill Centre on Population Dynamics (2012–2016)
Editorial Board, *Revista Peruana de Medicina Experimental y Salud Pública* (2010–2022)
Editorial Committee, *Epidemiologic Reviews* (2008–2009)
Executive Committee of the Society for Epidemiologic Research (2008–2011)
Scientific Advisory Committee, SCEDDBO, Duke University (2007–2011)
Associate Editor, *American Journal of Epidemiology* (2006–2019)
Population Association of America Annual Program Committee (2005–2006)
Executive Editor, *BMC Epidemiologic Perspectives & Innovations* (2004–2011)
Governing Council of the American Public Health Association (1999–2001)
Member of the Board of Directors, Lenape Dental Health Foundation (1999–2005)
Editorial Board, *Epidemiology* (1998–2006)

BOOKS, BOOK CHAPTERS AND ENCYCLOPEDIA ENTRIES

Kaufman JS. Social Epidemiology. In: *Encyclopedia of Sociology, 2nd Edition* (George Ritzer & Chris Rojek, Eds). Wiley-Blackwell, 2022. <https://doi.org/10.1002/9781405165518.wbeoss147.pub2>

Kaufman JS. Social Epidemiology. In: *Modern Epidemiology, 4th Edition* (Rothman KJ, Lash T, VanderWeele, Haneusse, Eds). Lippincott-Raven: Philadelphia, PA, 2021.

Kaufman JS, Rushani D, Cooper RS. Nature versus Nurture in the Explanations for Racial/Ethnic Health Disparities: Parsing Disparities in the Era of Genome-Wide Association Studies. In: *Reconsidering Race: Global and Comparative Studies in Race and Genomics* (Suzuki K & von Vacano D, Eds), Oxford University Press, London, 2018, chapter 6, pp. 120-132.

Oakes JM, **Kaufman JS** (Eds) *Methods in Social Epidemiology*. Jossey-Bass: San Francisco, 2nd Ed, 2017.

Kaufman JS, Oakes JM. Advancing Methods in Social Epidemiology. Chapter 1

Strumpf EC, Harper S, **Kaufman JS**. Fixed Effects and Difference-In-Differences. Chapter 14

Hirai AS, **Kaufman JS**. Fixed vs Random Effects Models for Multilevel Data. Chapter 15.

Frenz P, Nazzal C, Cerecera F, Cavada G, Silva N, Villanueva L, Escobar MC, **Kaufman JS**. *Orientaciones conceptuales y metodológicas para el estudio de enfermedades no transmisibles desde la perspectiva de equidad en el curso vital: Análisis de la Encuesta de Protección Social con Stata*. OchoLibros: Santiago, Chile, 2015.

Kaufman JS. Ethical dilemmas in statistical practice: The Problem of Race in Biomedicine. In: *Mapping Race: A Critical Reader on Health Disparities Research* (Gómez L & López N, Eds), Rutgers University Press, New Brunswick, NJ: Chapter 4, pp. 53-66, 2013.

Frenz P, Delgado Becerra I, Villanueva Pabón L, Muñoz Porras F, Navarrete Couble MS, **Kaufman JS**. *Análisis de la equidad en el acceso a la salud en Chile con datos de las Encuestas CASEN: Guía práctica de técnicas estadísticas con Stata*. Universidad de Chile: Santiago, Chile, 2013.

Kaufman JS, Cooper RS. The Use of Racial/Ethnic Categories in Medical Diagnosis and Treatment. In: *What's the Use of Race? Modern Governance and the Biology of Difference* (Whitmarsh & Jones, Eds), The MIT Press: Cambridge, MA: Chapter 9, pp. 187-206, 2010.

Kaufman JS. Social Epidemiology. In: *Modern Epidemiology, 3rd Edition* (Rothman KJ, Greenland S, and Lash T, Eds). Lippincott-Raven: Philadelphia, PA, Chapter 26, pp. 532-548, 2008.

Kaufman JS. Hypertension and Coronary Heart Disease. In: *Encyclopedia of Race and Racism* (Moore, JH, ed). Detroit: Macmillan Reference USA, Volume 2, pp. 138-42, 2008.

Kaufman JS. Slavery Hypertension Hypothesis. In: Darity WA, Jr. (Ed.), *International Encyclopedia of the Social Sciences* (2nd ed., pp. 546-7). Detroit: Macmillan Reference, 2008.

Kaufman JS. Making Inferences about the Causal Effects of Macro-Social Factors on Health Outcomes. In: *Macrosocial Determinants of Health* (Galea S, Ed). Springer: New York, 2007.

Oakes JM, **Kaufman JS** (Eds) *Methods in Social Epidemiology*. Jossey-Bass: San Francisco, 1st Edition 2006.

PUBLICATIONS IN PEER-REVIEWED JOURNALS:

- 425) Dimitris MC, Hutcheon JA, Platt RW, Abrahamowicz M, Beauchamp ME, Himes KP, Bodnar LM, **Kaufman JS.** Investigating the Shape and Strength of the Relationship Between Maternal Weight Gain and Gestational Age at Delivery in Twin and Singleton Pregnancies. *Am J Epidemiol.* 2023 May 1:kwad105. doi: 10.1093/aje/kwad105. Online ahead of print. PMID: 37127908
- 424) Remch M, Scheidell JD, Cleland CM, Turpin R, Duncan DT, Dyer TT, **Kaufman JS**, Mazumdar M, Brewer R, Feelemyer J, Mayer KH, Khan MR. Mediation of the Effect of Incarceration on Selling Sex Among Black Sexual Minority Men and Black Transgender Women in the HPTN 061 Study. *AIDS Behav* 2023 Feb 6. doi: 10.1007/s10461-023-04003-5. Epub ahead of print. PMID: 36746876.
- 423) Li Y, Yoshida K, **Kaufman JS**, Mathur MB. A brief primer on conducting regression-based causal mediation analysis. *Psychol Trauma* 2023 Jan 26. doi: 10.1037/tra0001421. Epub ahead of print. PMID: 36701540.
- 422) Rodriguez-Lopez M, Escobar MF, Merlo J, **Kaufman JS.** Reevaluating the protective effect of smoking on preeclampsia risk through the lens of bias. *J Hum Hypertens* 2023 May;37(5):338-344. PMID: 37041252.
- 421) Chen C, Chen H, van Donkelaar A, Burnett RT, Martin RV, Chen L, Tjepkema M, Kirby-McGregor M, Li Y, **Kaufman JS**, Benmarhnia T. Using Parametric g-Computation to Estimate the Effect of Long-Term Exposure to Air Pollution on Mortality Risk and Simulate the Benefits of Hypothetical Policies: The Canadian Community Health Survey Cohort (2005 to 2015). *Environ Health Perspect.* 2023 Mar;131(3):37010. PMID: 36920446.
- 420) Monsalves MJ, Espinoza I, Moya P, Aubert J, Durán D, Arteaga O, **Kaufman JS**, Bangdiwala SI. Structural determinants explain caries differences among preschool children in Chile's Metropolitan Region. *BMC Oral Health* 2023 Mar 9;23(1):136. PMID: 36894931.
- 419) Del Giorgio F, Habti M, Merckx J, **Kaufman JS**, Gravel J, Piché N, Osmanliu E, Drouin O. Investigating changes in incidence and severity of pediatric appendicitis during the COVID-19 pandemic in Canada: an interrupted time series analysis. *World J Pediatr* 2023 Mar;19(3):288-292. PMID: 36574211.
- 418) Rodriguez-Lopez M, Leckie G, **Kaufman JS**, Merlo J. Multilevel modelling for measuring interaction of effects between multiple categorical variables: An illustrative application using risk factors for preeclampsia. *Paediatr Perinat Epidemiol* 2023 Feb;37(2):154-164. PMID: 36357347.
- 417) Bonnett M, Kiang C, Banack HR, Ebelt S, **Kaufman JS**, Miller WC, Mumford SL, Swanson SA, Lash TL. Pandemic and Gender Influences on Submissions to Epidemiology. *Epidemiology* 2023 Mar 1;34(2):163-166. PMID: 36454048.
- 416) Safiri S, Mahmoodpoor A, Kolahi AA, Nejadghaderi SA, Sullman MJM, Mansournia MA, Ansarin K, Collins GS, **Kaufman JS**, Abdollahi M. Global burden of lower respiratory infections during the last three decades. *Front Public Health*. 2023 Jan 9;10:1028525. PMID: 36699876
- 415) Safiri S, Nejadghaderi SA, Noori M, Sullman MJM, Collins GS, **Kaufman JS**, Hill CL, Kolahi AA. The burden of low back pain and its association with socio-demographic variables in the Middle East and North Africa region, 1990-2019. *BMC Musculoskelet Disord* 2023 Jan 23;24(1):59. PMID: 36683025.

- [414\) Charters TJ, Kaufman JS, Nandi A. A causal mediation analysis for investigating the effect of a randomized cash transfer program in Nicaragua. *Am J Epidemiol* 2023 Jan 6;192\(1\):111-121. PMID: 36130208](#)
- [413\) Ashrafi-Asgarabad A, Bokaie S, Razmyar J, Akbarein H, Nejadghaderi SA, Carson-Chahoud K, Sullman MJM, Kaufman JS, Safiri S. The burden of lower respiratory infections and their underlying etiologies in the Middle East and North Africa region, 1990-2019: results from the Global Burden of Disease Study 2019. *BMC Pulm Med* 2023 Jan 4;23\(1\):2. PMID: 36600241.](#)
- [412\) Kirby-McGregor M, Chen C, Chen H, Benmarhnia T, Kaufman JS. Inequities in ambient fine particulate matter: A spatiotemporal analysis in Canadian communities. *Sci Total Environ* 2023 Feb 1;858\(Pt 1\):159766. PMID: 36309259.](#)
- [411\) 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 Jan 1;177\(1\):93-95. PMID: 36374506.](#)
- [410\) Amiri F, Kolahi AA, Nejadghaderi SA, Noori M, Khabbazi A, Sullman MJM, Kaufman JS, Collins GS, Safiri S. The burden of gout and its attributable risk factors in the Middle East and North Africa region, 1990-2019. *J Rheumatol* 2023 Jan;50\(1\):107-116. PMID: 36455948](#)
- [409\) Chen H, Quick M, Kaufman JS, Chen C, Kwong JC, van Donkelaar A, Meng J, Martin RV, Kim J, Lavigne E, Bai L, Li Y, Tjepkema M, Benmarhnia T, Burnett RT. Impact of lowering fine particulate matter from major emission sources on mortality in Canada: A nationwide causal analysis. *Proc Natl Acad Sci U S A* 2022 Dec 6;119\(49\):e2209490119. PMID: 36442082](#)
- [408\) Bai L, Benmarhnia T, Chen C, Kwong JC, Burnett RT, van Donkelaar A, Martin RV, Kim J, Kaufman JS, Chen H. Chronic Exposure to Fine Particulate Matter Increases Mortality Through Pathways of Metabolic and Cardiovascular Disease: Insights from a Large Mediation Analysis. *J Am Heart Assoc* 2022 Nov 15;11\(22\):e026660. PMID: 36346052.](#)
- [407\) Safiri S, Nejadghaderi SA, Noori M, Sullman MJM, Collins GS, Kaufman JS, Kolahi AA. Burden of diseases and injuries attributable to alcohol consumption in the Middle East and North Africa region, 1990-2019. *Sci Rep*. 2022 Nov 11;12\(1\):19301. PMID: 36369336](#)
- [406\) Mousavi SE, Nejadghaderi SA, Khabbazi A, Alizadeh M, Sullman MJM, Kaufman JS, Collins GS, Safiri S. The burden of rheumatoid arthritis in the Middle East and North Africa region, 1990-2019. *Sci Rep* 2022 Nov 11;12\(1\):19297. PMID: 36369238](#)
- [405\) Jimenez MP, Gutierrez TB, Soria-Contreras DC, Abdel Magid HS, Kaufman JS. Increasing Representation of Epidemiologists from Around the World in the Society for Epidemiologic Research: The Case of Mexico. *Am J Epidemiol.* 2022 Oct 20;191\(11\):1842-6. PMID: 35896787.](#)
- [404\) Nandi A, Charters TJ, Quamruzzaman A, Strumpf EC, Kaufman JS, Heymann J, Mukherji A, Harper S. Health care services use, stillbirth, and neonatal and infant survival following implementation of the Maternal Health Voucher Scheme in Bangladesh: A difference-in-differences analysis of Bangladesh Demographic and Health Survey data, 2000 to 2016. *PLoS Med* 2022 Aug 15;19\(8\):e1004022. PMID: 35969524.](#)
- [403\) Carabali M, Harper S, Lima Neto AS, Dos Santos de Sousa G, Caprara A, Restrepo BN, Kaufman JS. Decomposition of socioeconomic inequalities in arboviral diseases in Brazil and Colombia \(2007-2017\). *Trans R Soc Trop Med Hyg* 2022 Aug 5;116\(8\):717-726. PMID: 35088864.](#)
- [402\) Safiri S, Carson-Chahoud K, Noori M, Nejadghaderi SA, Sullman MJM, Ahmadian Heris J, Ansarin K, Mansournia MA, Collins GS, Kolahi AA, Kaufman JS. Burden of chronic obstructive pulmonary disease and its attributable risk factors in 204 countries and territories, 1990-2019: results from the Global Burden of Disease Study 2019. *BMJ* 2022 Jul 27;378:e069679. PMID: 35896191.](#)
- [401\) Safiri S, Nejadghaderi SA, Karamzad N, Kaufman JS, Carson-Chahoud K, Bragazzi NL, Sullman MJM, Beyranvand MR, Mansournia MA, Almasi-Hashiani A, Collins GS, Kolahi AA. Global, Regional and National Burden of Cancers Attributable to High Fasting Plasma Glucose in](#)

- [204 Countries and Territories, 1990-2019.](#) *Front Endocrinol* (Lausanne). 2022 Jul 19;13:879890. PMID: 35966097.
- [400\) Safiri S, Kolahi AA, Noori M, Nejadghaderi SA, Aslani A, Sullman MJM, Farhoudi M, Araj-Khodaei M, Collins GS, Kaufman JS, Gharagozli K. Burden of tension-type headache in the Middle East and North Africa region, 1990-2019.](#) *J Headache Pain* 2022 Jul 6;23(1):77. PMID: 35794530.
- [399\) Shamekh A, Alizadeh M, Nejadghaderi SA, Sullman MJM, Kaufman JS, Collins G, Kolahi AA, Safiri S. The burden of osteoarthritis in the Middle East and North Africa region from 1990 to 2019.](#) *Front Med* (Lausanne). 2022 Jun 23;9:881391. PMID: 35814760.
- [398\) Safiri S, Nejadghaderi SA, Abdollahi M, Carson-Chahhoud K, Kaufman JS, Bragazzi NL, Moradi-Lakeh M, Mansournia MA, Sullman MJM, Almasi-Hashiani A, Taghizadieh A, Collins GS, Kolahi AA. Global, regional, and national burden of cancers attributable to tobacco smoking in 204 countries and territories, 1990-2019.](#) *Cancer Med* 2022 Jul;11(13):2662-2678. PMID: 35621231.
- [397\) Long S, Loutfi D, Kaufman JS, Schuster T. Limitations of Canadian COVID-19 data reporting to the general public.](#) *J Public Health Policy* 2022 Jun;43(2):203-221. PMID: 35102238.
- [396\) Chen C, Wang J, Kwong J, Kim J, van Donkelaar A, Martin RV, Hystad P, Su Y, Lavigne E, Kirby-McGregor M, Kaufman JS, Benmarhnia T, Chen H. Association between long-term exposure to ambient air pollution and COVID-19 severity: a prospective cohort study.](#) *CMAJ* 2022 May 24;194(20):E693-E700. PMID: 35609912.
- [395\) Carabali M, Schmidt AM, Restrepo BN, Kaufman JS.](#) A joint spatial marked point process model for dengue and severe dengue in Medellin, Colombia. *Spat Spatiotemporal Epidemiol* 2022 Jun;41:100495. PMID: 35691652.
- [394\) Safiri S, Nejadghaderi SA, Karamzad N, Carson-Chahhoud K, Bragazzi NL, Sullman MJM, Almasi-Hashiani A, Mansournia MA, Collins GS, Kaufman JS, Kolahi AA.](#) Global, regional, and national cancer deaths and disability-adjusted life-years (DALYs) attributable to alcohol consumption in 204 countries and territories, 1990-2019. *Cancer* 2022 May 1;128(9):1840-1852. PMID: 35239973.
- [393\) Khan MR, Brewer R, Abrams J, Mazumdar M, Scheidell JD, Feelemyer J, Dyer TV, Turpin RE, Hucks-Ortiz C, Gaydos CA, Severe M, Irvine NM, Kaufman JS, Cleland CM, Mayer KH.](#) Incarceration and Sexual Risk Behavior and Incident Sexually Transmitted Infection/HIV in HIV Prevention Trials Network 061: Differences by Study City and Among Black Sexual Minority Men Who Have Sex With Men, Black Sexual Minority Men Who Have Sex With Men and Women, and Black Transgender Women. *Sex Transm Dis* 2022 Apr 1;49(4):284-296. PMID: 35312668.
- [392\) Safiri S, Karamzad N, Kaufman JS, Bell AW, Nejadghaderi SA, Sullman MJM, Moradi-Lakeh M, Collins G, Kolahi AA. Prevalence, Deaths and Disability-Adjusted-Life-Years \(DALYs\) Due to Type 2 Diabetes and Its Attributable Risk Factors in 204 Countries and Territories, 1990-2019: Results From the Global Burden of Disease Study 2019.](#) *Front Endocrinol* (Lausanne). 2022 Feb 25;13:838027. PMID: 35282442.
- [391\) Safiri S, Karamzad N, Singh K, Carson-Chahhoud K, Adams C, Nejadghaderi SA, Almasi-Hashiani A, Sullman MJM, Mansournia MA, Bragazzi NL, Kaufman JS, Collins GS, Kolahi AA.](#) Burden of ischemic heart disease and its attributable risk factors in 204 countries and territories, 1990-2019. *Eur J Prev Cardiol* 2022 Mar 11;29(2):420-431. PMID: 34922374.
- [390\) Safiri S, Carson-Chahhoud K, Karamzad N, Sullman MJM, Nejadghaderi SA, Taghizadieh A, Bell AW, Kolahi AA, Ansarin K, Mansournia MA, Collins GS, Kaufman JS.](#) Prevalence, Deaths, and Disability-Adjusted Life-Years Due to Asthma and Its Attributable Risk Factors in 204 Countries and Territories, 1990-2019. *Chest* 2022 Feb;161(2):318-329. PMID: 34699773.
- [389\) Kiang C, Kaufman JS, London SJ, Mumford SL, Swanson SA, Lash TL.](#) Gender Influences on Editorial Decisions at Epidemiology. *Epidemiology* 2022 Mar 1;33(2):153-156. PMID: 34954710.
- [388\) Dimitris MC, Kaufman JS, Bodnar LM, Platt RW, Himes KP, Hutcheon JA.](#) Gestational Diabetes in Twin Versus Singleton Pregnancies With Normal Weight or Overweight Pre-Pregnancy Body Mass

- Index: The Mediating Role of Mid-Pregnancy Weight Gain. *Epidemiology* 2022 Mar 1;33(2):278-86. PMID: 34907972.
- [387\) Miranda JJ, Thow AM, Cárdenas MK, Corvalán C, Barrientos-Gutiérrez T, Kaufman JS. Nutrition-related health taxes: setting expectations. *Lancet Diabetes Endocrinol.* 2022 Feb;10\(2\):93-94. PMID: 34942086.](#)
- [386\) Safiri S, Karamzad N, Kaufman JS, Nejadghaderi SA, Bragazzi NL, Sullman MJM, Almasi-Hashiani A, Mansournia MA, Collins GS, Kolahi AA, Jemal A. Global, regional, and national burden of cancers attributable to excess body weight in 204 countries and territories, 1990 to 2019. *Obesity* 2022 Feb;30\(2\):535-545. PMID: 35041300.](#)
- [385\) Safiri S, Pourfathi H, Eagan A, Mansournia MA, Khodayari MT, Sullman MJM, Kaufman JS, Collins G, Dai H, Bragazzi NL, Kolahi AA. Global, regional, and national burden of migraine in 204 countries and territories, 1990 to 2019. *Pain* 2022 Feb 1; 163\(2\):e293-e309. PMID: 34001771.](#)
- [384\) Mokhayeri Y, Nazemipour M, Mansournia MA, Naimi AI, Kaufman JS. Does weight mediate the effect of smoking on coronary heart disease? Parametric mediational g-formula analysis. *PLoS One.* 2022 Jan 13;17\(1\):e0262403. PMID: 35025942](#)
- [383\) Behlim T, Basso O, Bushnik T, Kramer MS, Kaufman JS, Yang S. Differences in birthweight by maternal and paternal nativity status in Canada. *Paediatr Perinat Epidemiol* 2022 Jan;36\(1\):113-122. PMID: 34811763.](#)
- [382\) Tsai JW, Cerdeña JP, Goedel WC, Asch WS, Grubbs V, Mendu ML, Kaufman JS. Evaluating the Impact and Rationale of Race-Specific Estimations of Kidney Function: Estimations from U.S. NHANES, 2015-2018. *EClinicalMedicine* 2021; Nov 19;42:101197. PMID: 34849475.](#)
- [381\) Gajardo AJJ, Wagner TD, Howell KD, González-Santa Cruz A, Kaufman JS, Castillo-Carniglia A. Effects of 2019's social protests on emergency health services utilization and case severity in Santiago, Chile: a time-series analysis. *The Lancet Regional Health – Americas* 2022 Jan; Vol 5: 100082, <https://doi.org/10.1016/j.lana.2021.100082>.](#)
- [380\) Safiri S, Kolahi AA, Noori M, Nejadghaderi SA, Karamzad N, Bragazzi NL, Sullman MJM, Abdollahi M, Collins GS, Kaufman JS, Grieger JA. Burden of anemia and its underlying causes in 204 countries and territories, 1990-2019: results from the Global Burden of Disease Study 2019. *J Hematol Oncol.* 2021 Nov 4;14\(1\):185. PMID: 34736513](#)
- [379\) Kaufman JS, Merckx J, Cooper RS. Use of Racial and Ethnic Categories in Medical Testing and Diagnosis: Primum Non Nocere. *Clin Chem.* 2021 Nov 1;67\(11\):1456-1465. PMID: 34557889.](#)
- [378\) Murphy TJ, Kaufman JS, Li P, Steele R, Yang S. Effect of preschool childcare on school-aged children's adiposity in Quebec, Canada. *Paediatr Perinat Epidemiol.* 2021 Nov;35\(6\):736-747. PMID: 34164836](#)
- [377\) Shapiro GD, Sheppard AJ, Mashford-Pringle A, Bushnik T, Kramer MS, Kaufman JS, Yang S. Housing conditions and adverse birth outcomes among Indigenous people in Canada. *Can J Public Health.* 2021 Oct;112\(5\):903-911. PMID: 34037966.](#)
- [376\) Chen H, Kaufman JS, Olanian T, Pinault L, Tjepkema M, Chen L, van Donkelaar A, Martin RV, Hystad P, Chen C, Kirby-McGregor M, Bai L, Burnett RT, Benmarhnia T. Changes in exposure to ambient fine particulate matter after relocating and long term survival in Canada: quasi-experimental study. *BMJ.* 2021 Oct 8; 375: n2368. PMID: 34625469.](#)
- [375\) Kutcher SA, Brophy JM, Banack HR, Kaufman JS, Samuel M. Emulating a Randomised Controlled Trial With Observational Data: An Introduction to the Target Trial Framework. *Can J Cardiol.* 2021 Sep;37\(9\):1365-1377. PMID: 34090982.](#)
- [374\) Ahern J, Kaufman JS, Werler MM. Invited Commentary: The Society for Epidemiologic Research's Commitment to Diversity and Equity-Pathways to Filling the Glass. *Am J Epidemiol.* 2021 Sep 1;190\(9\):1727-1729. PMID: 34467406.](#)
- [373\) Dimitris MC, Hutcheon JA, Platt RW, Himes KP, Bodnar LM, Kaufman JS. Comparison of Methods](#)

- for Interpolating Gestational Weight Gain Between Clinical Visits in Twin and Singleton Pregnancies. *Ann Epidemiol* Aug 2021; 60: 45–52. PMID: 33894387
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ACADEMIC PRESENTATIONS:

Latest Developments in Selection Bias. Invited Lecture at the Institut für Medizinische Informatik, Biometrie und Epidemiologie (IMIBE), Essen, Germany, April 21st, 2023.

Liderazgo en SER. ¿Qué puede aportar SER? Invited speaker at La Reunión de Medio Año de SER 2023: México – Estados Unidos experiencias y necesidades en epidemiología. Cuernavaca, Mexico, March 14th, 2023.

The Ethics of Adjustment. Invited speaker at the Berlin Epidemiological Methods Colloquium (BEMC) at Campus Charité Mitte, Berlin, Germany on February 1st, 2023, at the Epidemiology symposium “Causality to get Population Health Sciences Right” held at the *École Polytechnique Fédérale de Lausanne*, March 29th 2023, at the Program in Population-Based Medicine, *Universitätsklinikum Tübingen*, Germany, April 27th, 2023.

Maladjusted Epidemiology and Iatrogenic Health Disparities. Invited speaker for the Annual David Schottenfeld Lecture at the University of Michigan School of Public Health, Ann Arbor, MI, July 20th, 2022.

How to Break Something by Fixing It. Invited speaker for departmental seminar at the Public Health Department of the Erasmus Medical Center, Rotterdam, Netherlands, May 14th, 2019, the Institute for Population Research, Ohio State University, Columbus, OH, March 1, 2022; departmental seminar for the Department of Epidemiology and Biostatistics, Schulich School of Medicine & Dentistry, Western University, London, ON, March 18, 2022; departmental seminar for the Department of Epidemiology, Harvard T.H. Chan School of Public Health, Boston MA, March 30, 2022; departmental seminar for the Department of Epidemiology and Biostatistics, Michigan State University, Lansing, MI, April 14th, 2022, and Maurice Bloch Seminar at the Institute of Health and Well-Being of the University of Glasgow, May 25th, 2022.

Uses and Abuses of Racial/Ethnic Identity in Psychiatric Research. Invited speaker for Grand Rounds at Department of Child & Adolescent Psychiatry, NYU Grossman School of Medicine, New York, NY, January 28th, 2022.

Handling race/ethnicity in perinatal epidemiology studies. Invited speaker at the RPPE Seminar, UNC-Chapel Hill, September 21, 2021.

How to think about race when examining X: Model specification and meaningful interpretation of race in epidemiological research. Invited paper delivered at the 54th Annual Meeting of the Society for Epidemiologic Research, San Diego CA, June 25, 2021 and for the Department of Philosophy, University of Pennsylvania, March 25th, 2022.

Everything I needed to know about epidemiology I learned from COVID-19. Presidential Address delivered at the 54th Annual Meeting of the Society for Epidemiologic Research, San Diego CA, June 23, 2021.

Epidemiology and Race: Why and How We Study Racial Health Disparities. Invited Speaker (Panel Discussion) at Boston University School of Public Health. Boston, MA, February 25th, 2021.

Options for Modern Mediation Analyses of Occupational Contributions to Racial/Ethnic Health Disparities. Invited speaker at “The Role of Work in Health Disparities in the US”, a workshop convened by the US National Institute on Minority Health & Health Disparities (NIMHD), Washington DC, September 28, 2020

Model selection as a philosophical and practical problem, and critiques of common covariate discovery and screening algorithms. Invited speaker at 2020 SER Mid-Year Meeting, Salt Lake City, UT, March 6th, 2020

Balancing the promises and limitations of mediation analysis in health inequalities research. Invited speaker at the Workshop on Mediation and Moderation in Health Inequalities Research, Académie nationale de médecine, Paris, January 23rd, 2020.

Differential Treatment in Medical Practice: Racism without Racists. Invited seminar speaker at the McGill Department of Epidemiology, Biostatistics and Occupational Health Seminar Series, McGill University, Montreal, QC, November 18th, 2019, and at CanMEDS Rounds, Department of Pediatrics, McGill University Health Centre, Montreal, QC, March 10, 2021.

Introducción a la inferencia causal y uso de DAG en estudios sociales en salud. Invited seminar speaker at Departamento de Salud Pública, Escuela de Medicina de la Pontificia Universidad Católica de Chile, Santiago, Chile, October 16th, 2019.

Foundations and Consequences of Race-Based Medicine: *Primum Non Nocere*. Invited speaker at the 71st Annual Scientific Meeting of the American Association for Clinical Chemistry (AACC), Anaheim, CA, August 5th, 2019 [Chair’s Invited Session], and at the Department of Anesthesiology at the Pennsylvania State University (Hershey) as Grand Rounds Speaker, Hershey, PA, February 20th, 2020.

Discrimination in Algorithmic Evaluations and Treatments. Invited speaker at “Wrong at the Root: Racial Bias and The Tension between Numbers and Words in Non-Internet Data”, Simons Institute For the Theory of Computing, University of California at Berkeley, June 7th, 2019.

How Racial Equality in California Holds Back Progress toward Eliminating Racial Disparities in Mortality Nationwide. Invited speaker at The 2019 Epidemiology Research Exchange, County of San Diego, San Diego, CA, April 26th, 2019.

The Road to Hell is Paved with Adjustments. Invited speaker at Public Health Grand Rounds, UC San Diego Institute of Public Health, San Diego, CA, April 25th, 2019.

Racial Health Disparities in the United States: Definition, Identification, and Description. Invited speaker at the University of Maryland, Department of Epidemiology and Biostatistics, College Park, MD, February 7th, 2019.

Why We Should Not Study the Health Effects of Obesity. Invited speaker at the QUALITY Cohort Research Day, McGill University, Montreal, QC, December 12th, 2018

Confounding in Quasi-Experimental Studies Evaluating Conditional Cash Transfer Programs on Child Health in Middle Income Countries. Invited speaker at the Centre for Global Child Health, SickKids Hospital, Toronto, Canada, December 10th, 2018.

Inferencia Causal en Modelos de Regresión Multinivel. Series of invited lectures delivered at La Universidad San Ignacio de Loyola, Lima, Peru, 7-8th September 2018.

Causal inference foundations and applications in environmental health sciences. Workshop presented at the Joint Annual Meeting of the International Society of Exposure Science and the International Society for Environmental Epidemiology (ISES-ISEE 2018), Ottawa, Ontario, August 26th, 2018.

Is Precision Medicine Exacerbating Disparities in the Health Care System? Invited panelist at the Precision Medicine Leaders’ Summit, Jersey City, New Jersey, June 27th, 2018.

Conceptualizing and Investigating Race in Healthcare Disparities. Invited speaker at the International Anesthesia Research Society (IARS) Annual Meeting, Chicago, IL, April 28th, 2018

Racial Health Disparities in the US: Heterogeneous Progress and a New York Miracle. The Saxon Graham Lectureship at the School of Public Health and Health Professions, University at Buffalo, Buffalo, NY,

April 27th, 2018

Multi-level Modeling for Social and Perinatal Epidemiology. Invited workshop given at the University of North Carolina at Chapel Hill, NC, March 19th, 2018 and University of Miami Department of Epidemiology, Miami, FL, March 28th, 2018.

The Uses and Abuses of Racial/Ethnic Identity in Medical Research. Invited Grand Rounds Speaker, Département de médecine, Centre de l'Université de Montréal. Montreal, QC, March 14th, 2018.

Race: Are we really so different? Invited speaker at the North Carolina State Museum of Natural History, Raleigh, NC, August 31st, 2017

The State of population health science, an epidemiologist's perspective. Invited speaker at the Second Annual Population Health Science Research Workshop, Boston University School of Public Health, Boston, MA, October 19th, 2017.

Racial Health Disparities in the United States and in Florida. Invited speaker for Grand Rounds, The University of Miami Miller School of Medicine, Miami, FL, April 19th, 2017

Improving Interpretation of Adjusted Racial/Ethnic Health Disparity Estimates. Invited seminar at the University of Ottawa, Ottawa, ON, March 27th, 2017.

Quantitative Sensitivity Analysis for Measurement Error. Invited speaker at the General Session of the International Association for Dental Research, San Francisco, CA, March 22nd, 2017.

Racial Health Disparities in the United States. The Johann Peter Süssmilch Lectureship at the Max Planck Institute for Demographic Research, Rostock, Germany, February 28th, 2017 and Voices from the Community Lecture at Ohio State University College of Public Health, May 9th, 2018.

Statistics, Adjusted Statistics and Maladjusted Statistics. Invited keynote address at "Critical Race Theory and the Health Sciences", Boston University School of Law, Boston, MA, January 20th, 2017; invited presentation at the 50th Annual Meeting of the Society for Epidemiologic Research, Seattle, WA, June 23, 2017; invited seminar at the University of Toronto Dalla Lana School of Public Health, Toronto, ON, March 8th, 2018.

Meaningful Counterfactuals for Studies of Racial Disparities. Invited seminar at Rollins School of Public Health, Atlanta, GA, September 23rd, 2016, University of Pennsylvania Population Center, October 10th, 2016, and University of Massachusetts Medical School, Worcester, MA, October 18th, 2016.

Connecting Questions to Analyses in Maternal and Child Health Research. Invited Plenary Presentation at the CityMatCH Leadership and MCH Epidemiology Conference, Philadelphia, PA, September 14, 2016

The new era of causal identification strategies for a more consequential environmental epidemiology. Podium presentation at the 28th Annual Conference of the International Society for Environmental Epidemiology, Rome, Italy, 3 September, 2016

When Bad Exposures Look Good. Invited Presentation at the 7th International Conference on Methodological Issues in Oral Health Research, Bergen, Norway, May 12th, 2016.

Social Epidemiology in the Service of a Worthy Cause. Invited presentation for the 7th Annual Social Epidemiology Lectureship at Johns Hopkins Bloomberg School of Public Health, Baltimore, MD, April 8th, 2016; at the University Michigan School of Public Health, April 14th, 2016; at the NYU School of Medicine, May 26th, 2016 and as the Keynote Speaker at the 7th Annual Lady Davis Institute Scientific Retreat, Montreal, QC, June 3rd, 2016.

Threats to validity in observational studies. Invited presentation at CIMPOD Conference, National Academy of Sciences, Washington DC, February 25th 2016

The Obesity Paradox Explained. Invited presentation at the World Diabetes Congress, Vancouver Convention Centre, Vancouver BC, December 3rd, 2015

Big Data Record Linkages for the Study of Racial Disparities in Disease and Mortality. Invited presentation at the University of Pennsylvania Program on Race, Science and Society, Philadelphia, PA, March 26th, 2015.

What are Oral Health Disparities and How are they Measured and Interpreted? Invited presentation at the Oral Health Inequalities Symposium, International Association for Dental Research, Boston, MA, March 11th, 2015.

Quantitative Considerations for the Science of Oral Epidemiology and Population Health. Invited presentation at the Oral Epidemiology Forum, International Association for Dental Research, Boston, MA, March 10th, 2015.

Mitos, Rituales y Prácticas en Epidemiología. Invited talk at the University of Piura, Faculty of Medicine, Piura, Perú, 25 February 2015.

¿Que son las disparidades en salud? Invited talk at the Peruvian College of Physicians, Piura, Perú, 24 February 2015.

Weight and Mortality: Fundamentals, Current practice, and How to Make Things Better. Invited paper delivered at the 47th Annual Meeting of the Society for Epidemiologic Research, Seattle, WA, June 26, 2014.

What Have We Learned So Far about Racial Disparities in Cardiovascular Disease from Genome-Wide Association Studies? Invited seminar presented at the University of Florida, Gainesville, FL, April 14th 2014, at Drexel University School of Public Health, Philadelphia, PA, March 24th, 2015, and at the University of Pennsylvania Program on Race, Science and Society, Philadelphia, PA, March 25th, 2015.

Mediation: Modern Tools to Evaluate Direct and Indirect Effects. Invited seminar presented at the University of California at San Francisco. February 24th, 2014, Tulane University, New Orleans. November 17th, 2014, and Ohio State University College of Public Health, May 9th, 2018.

Consideraciones estructurales en el análisis epidemiológico. Invited Presentation at the Instituto Nacional de Salud (INS), January 29th, 2014, Lima, Peru.

Structural Considerations in Social Epidemiologic Analysis. Invited Presentation at the Program in Public Health, University of California at Irvine, October 11th, 2013, Irvine, CA.

Negative Controls in the Genetic Epidemiology of Racial Disparities. Invited presentation at the Annual Meeting of the Society for the Social Studies of Science (4S), October 10th, 2013, San Diego, CA and at the Seminar on Race, Biological Causation, and Science Communication, Newkirk Alumni Center, University of California at Irvine, October 10th, 2014, Irvine, CA.

Making Medical Diagnosis and Treatment Decisions Based on Scientific Evidence Rather than Racial/Ethnic Stereotypes. Invited Presentation at “Addressing Racial/Ethnic Health Disparities: Best Practices for Clinical Care and Medical Education in the 21st Century”, University of Texas, Austin, TX, September 23, 2013.

Discussion of Mediation and Confounding. Invited Introductory Overview Lecture at the 2013 Joint Statistical Meeting (JSM), Montreal, Quebec, August 7, 2013.

Direct effect of birth weight on childhood blood pressure: a causal mediation analysis. Paper presented at the 46th Annual Meeting of the Society for Epidemiologic Research, Boston, MA, June 20, 2013.

Is Causal Inference Useful for Society? Invited comment presented at the Atlantic Causal Inference Conference, Harvard University, Boston, MA, May 21, 2013.

Parsing Disparities in the Era of Genome-Wide Association Studies. Invited paper presented at “Reconsidering Race: Cross-Disciplinary and Interdisciplinary Approaches”, Texas A&M University, College Station, TX, May 3, 2013.

Posing as a Decomposer: Making Path-Specific Inferences While Still Trying to Keep it Real. Invited seminar presented at the University of Pittsburgh School of Public Health, Pittsburgh, PA, March 28th, 2013.

Effect Decomposition: The Lost Epidemiologic Analysis – Caveats and Considerations. Invited paper delivered at the 45th Annual Meeting of the Society for Epidemiologic Research, Minneapolis, MN, June 29, 2012.

Discussion of Spillover Effects in Epidemiologic Research. Invited paper delivered at the 45th Annual Meeting of the Society for Epidemiologic Research, Minneapolis, MN, June 28, 2012.

Nature versus Nurture in the Explanations for Racial/Ethnic Health Disparities. Invited paper delivered at the Population Studies and Training Center (PSTC) of Brown University, Providence, RI, February 16th, 2012, the Social Statistics Speaker Series of the Quebec Inter-university Centre for Social Statistics (QICSS), Montreal, QC, March 7th, 2012 and the California Center for Population Research, Luskin School of Public Affairs, UCLA, Los Angeles, CA, April 18th, 2012.

Absolute Epidemiology: Developing Software Skills for Estimation of Absolute Contrasts from Regression Models for Improved Communication and Greater Public Health Impact. Workshop delivered at the Advanced Methods Workshop of the 25th Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research (SPER), Minneapolis, MN, June 25th, 2012, and the 17th Annual Maternal and Child Health Epidemiology Conference, New Orleans, LA, December 14th, 2011.

Mental Health Epidemiology in Chile. Invited Paper delivered at Michigan State University Department of Epidemiology, Lansing, Michigan, October 27th, 2011.

Cancer Disparities: Problems of Causal Inference in Genetic and Epidemiologic Research. Invited paper delivered at “Debating Causation: Risk, Biology, Self, and Environment in Cancer Epistemology, 1950–2000”, History of Science Program, Princeton University, October 22nd, 2011.

Concepts of Interaction: Implications for Teaching and Practice. Invited paper delivered at the Third North American Congress of Epidemiology, Montreal, Quebec, Canada, June 24th, 2011.

Mechanistic Inference from Observational Data: Defining and Estimating Direct and Indirect Effects.

Invited paper delivered at the Causal Methods Workshop of the Reproductive, Perinatal, and Pediatric Epidemiology Lecture Series, Emory University Rollins School of Public Health, Atlanta, GA, May 24th, 2011, and the Workshop on Modeling for Public Health Practice & Policy, Coordinating Center for Health Promotion, Centers for Disease Control and Prevention, Atlanta, GA, August 20, 2009.

Ethical Issues in Statistical Practice: The Example of Race. Invited paper delivered at “Mapping ‘Race’ and Inequality: Best Practices for Theorizing and Operationalizing ‘Race’ in Health Policy Research” at the Robert Wood Johnson Foundation Center for Health Policy at University of New Mexico, Albuquerque, NM, April 28th, 2011, and at Goodenough College, London, UK, December 5th, 2007.

Heteroeroticism in Epidemiology. Invited paper delivered at University of Toronto Dalla Lana School of Public Health, Toronto, Ontario, April 29, 2010; at Columbia University Mailman School of Public Health, New York, New York, May 19, 2010; at the Gillings School of Global Public Health, University of North Carolina at Chapel Hill, February 23, 2011; and at Michigan State University Department of Epidemiology, Lansing, Michigan, October 27th, 2011.

The Translational Epidemiology of Race-Specific Treatment for Hypertension and Heart Failure. Invited paper delivered at the New England Research Institute (NERI), Watertown, MA, December 1, 2009, and at Grand Rounds at the Medical School, University of North Carolina at Chapel Hill, April 16th, 2009.

Structural Considerations in Social Epidemiologic Analysis. Invited paper delivered at the Colloque Thématique de l’ADELF: Epidémiologie Sociale et Inégalités de Santé. Toulouse, France, May 29, 2009.

Racial Classification as Strong Surrogate Versus Racial Classification as Weak Surrogate: Implications for Biomedical Research and Practice. Invited paper delivered at the International Symposium on Human Genomic Diversity and Biomedical Practice, London School of Economics, London, UK, March 28, 2009.

Specifying counterfactual contrasts for the health effects of socioeconomic position at different points in the life-course. Paper delivered at the 41st Annual Meeting of the Society for Epidemiologic Research, Chicago, IL, June 27, 2008.

Counterfactual contrasts in the absence of manipulability. Paper delivered at the 41st Annual Meeting of

- the Society for Epidemiologic Research, Chicago, IL, June 25, 2008.
- Random Effects for Smoothing in Perinatal Epidemiologic Research. Invited lecture presented at the 21st Annual Meeting of the Society for Pediatric and Perinatal Epidemiologic Research, Chicago, IL, June 23, 2008.
- Genetic Scale-up Goes Public: Genotyping in the Consumer World. Invited Paper presented at the 2008 IRACDA/SPIRE National Conference, Chapel Hill, NC, June 9, 2008.
- What Would a Race-Specific Drug Look Like? Invited Paper presented at the 3rd Annual Texas Conference on Health Disparities, Fort Worth, Texas, May 30, 2008.
- The Use of Racial/Ethnic Identity in Medical Evaluations and Treatments. Paper presented at “What’s the Use of Race”, a professional conference sponsored by The Program in Science, Technology and Society at the Massachusetts Institute of Technology, April 25th, 2008.
- Review of the Literature on Stress and Racial Differences in Health. Invited paper presented at the Chicago Workshop on Black-White Inequality, University of Chicago, Chicago, IL, December 14th, 2007.
- Modest Social Gradients in Adverse Reproductive Outcomes in Santiago de Chile, 2001-2004. Paper presented at the 6th International Conference on Urban Health. Baltimore, MD, October 31st, 2007.
- Social Epidemiology in an International Perspective. Invited Lecture at “Epidemiology in the 21st Century: Stephan Weiland Memorial Symposium. Stadthaus, Ulm, Germany, July 27th, 2007.
- Methods for Understanding and Interpreting Multilevel Analysis. Invited Lecture for the 2007 DataSpeak Internet Audio Conference Series, MCH Information Resource Center, funded by the Maternal and Child Health Bureau (MCHB) of HRSA. June 6th, 2007.
- Fundamentals of Multi-Level Modeling for Reproductive Epidemiology. Invited presentation at the 12th Annual Maternal and Child Health Epidemiology Conference, December 6th, 2006, Atlanta, GA.
- Use of Racial/Ethnic Identity in Medical Evaluations and Treatments. Invited presentation at the Annual Meeting of the Robert Wood Johnson Foundation Investigator Awards in Health Policy Research, October 5th, 2006, San Diego, CA.
- Methodologic considerations in the evaluation of sub-population specific therapeutic effects. Poster presented at the 22nd International Conference on Pharmacoepidemiology and Therapeutic Risk Management, August 25th, 2006, Lisbon, Portugal.
- Approaches to Control of Unmeasured Confounding in Pharmacoepidemiology: Bounding Causal Estimates. Invited paper delivered at the 22nd International Conference on Pharmacoepidemiology and Therapeutic Risk Management, August 25th, 2006, Lisbon, Portugal
- Response to: The (Mis)Estimation of Neighborhood Effects. Invited paper delivered at the 2006 Joint Statistical Meetings of the American Statistical Association, August 9th, 2006, Seattle, WA.
- Bounding average direct causal effects in a natural social epidemiology experiment. Paper presented at the 2006 Congress of Epidemiology, June 23rd, 2006, Seattle, WA.
- Risk of Preterm and Low Birth Weight Outcomes among Foreign-Born Black Women Delivering in New York City (1998-2002). Paper delivered at the 69th Annual Meeting of the Southern Sociological Society, March 23rd, 2006, New Orleans, LA.
- Modeling black-white preterm birth disparity as an area-level outcome and an individual-level exposure. Invited paper delivered at the 133rd Annual Meeting American Public Health Association, December 12th, 2005, Philadelphia, PA.
- Selective Skepticism in the Interpretation of Observational Data on Racial Disparity. Invited paper delivered at the 100th Annual Meeting of the American Sociological Association, August 16th, 2005, Philadelphia, PA
- Analytic Bounds on Causal Risk Differences in Structures Involving Three Measured Binary Variables. Poster presented at the 37th Annual Meeting of the Society for Epidemiologic Research, June 29th, 2005, Toronto, Canada.
- Dignifying Disparities in Care: Legitimization of Racialized Medicine in the New York Times. Paper delivered

- at the 66th Annual Meeting of the Southern Sociological Association, April 14, 2005, Charlotte, NC.
- Race and Genomic Medicine: False Premises, False Promises. Invited Lecture delivered at "Race and Genomic Medicine" Seminar, Duke University. March 3rd 2005, Durham, NC.
- Ethnicity and Genetics. Invited plenary address delivered at The International Conference on Differences in Health and Health Care Provision. June 25th 2004, Rotterdam, The Netherlands.
- Introduction to Propensity Score Analysis in Pharmacoepidemiological Research. Invited Lecture delivered at The International Society for Pharmacoepidemiology 2004 Meeting, April 20th, Baltimore, MD.
- Epidemiology as a Source of Knowledge in Understanding Racial/Ethnic Disparities and Responses to Treatment: A Critical Analysis. Invited Lecture delivered at "Race, Genetics and Disease: Questions of Evidence, Questions of Consequence", Science and Technology Studies, University of Wisconsin, Madison. April 17th 2004, Madison, WI.
- Using Individual and Neighborhood Level Characteristics to Predict Preterm Births in Wake County, NC. Paper delivered at the 131st Annual Meeting of the American Public Health Association, November 17th 2003, San Francisco, CA.
- Access to Healthcare Using Risk Advancement Periods: The Use of Sumatriptan for Acute Migraine Therapy by Type of Health Insurance In Germany. Poster presented at the 36th Annual Meeting of the Society for Epidemiologic Research, June 13, 2003, Atlanta, GA.
- A Three-Dimensional Person-Time-Related Hurdle Model to Characterize the Influence of Type of Health Insurance on the Use of Sumatriptan For Acute Therapy of Migraine in the Second Through Fourth Year of the Drug Macrobudget In Germany. Poster presented at the 36th Annual Meeting of the Society for Epidemiologic Research, June 13, 2003, Atlanta, GA.
- Parsimony Versus Flexibility in Polynomial Regression. Poster presented at the 36th Annual Meeting of the Society for Epidemiologic Research, June 12, 2003, Atlanta, GA.
- Improved Estimation of the Direct Effect in the Presence of Unmeasured Confounding of an Intermediate Variable. Poster presented at the 36th Annual Meeting of the Society for Epidemiologic Research, June 12, 2003, Atlanta, GA.
- Race in Medical Research and Practice: What is the Utility of a Patient's Racial Self-Identification? Dept of Internal Medicine CME Series, Carolinas Medical Center, June 3, 2003, Charlotte, NC.
- Modeling community-level socioeconomic effects on preterm birth risk. Paper delivered at the 66th Annual Meeting of the Southern Sociological Society, 29 March 2003, New Orleans, LA.
- Statistical Tests and Adjustments in Studies of the Real World. Invited paper delivered at The First International First International Conference on Inner City Health: Improving the Health of the Disadvantaged. Plenary Session: Research Methods. October 5, 2002, Toronto, Canada.
- The Slavery/Hypertension Hypothesis: Dissemination and Appeal of a Modern Race Theory. Invited paper delivered at "The Politics of "Racial Health": Myths, Maladies, and the History of Policy. October 27, 2001, Rutgers, State University of New Jersey.
- Is there a need for clinical trials in social epidemiology? Invited paper delivered at the International Congress of Epidemiology, June 16, 2001, Toronto, Canada.
- Community Level Influences on Pre-Term Birth. Paper delivered at the 2001 Annual Meeting of the Population Association of America, March 31, 2001, Washington, DC.
- Epidemiologic methods for studying etiologic pathways that produce health disparities. Paper delivered at the 128th Annual Meeting of the American Public Health Association, Nov 13, 2000, Boston, MA.
- Review of SES and Health. Invited paper delivered at the Expert Consultant's Workgroup on Stress and Pre-term Delivery. September 23, 1999. Centers for Disease Control and Prevention, Atlanta, GA.
- Is Race a Meaningful Variable for Epidemiologic Research? Invited paper delivered at the 1999 CDC Cancer Conference, September 9, 1999, Atlanta GA.
- Issues in the Assessment of Socioeconomic Effects on Health. Invited paper delivered at the Annual meeting of the American Statistical Association, August 8, 1999, Baltimore MD.

- Relation Between Community Median Income and 1996 Emergency Services Transport Time in a Metropolitan U.S. County. Paper delivered at the 32nd Annual Meeting of the Society for Epidemiologic Research, June 11, 1999, Baltimore, MD.
- Adult Mortality in an Urban African Community. Poster presented at the Annual Meeting of the Population Association of America, March 26, 1999, New York, NY.
- Relation Between Community Socioeconomic Characteristics and 1996 Emergency Service Response Time in a Metropolitan U.S. County. Paper delivered at the 126th Annual Meeting of the American Public Health Association, November 16, 1998, Washington, D.C.
- Special Problems in the Formation of Social Epidemiologic Explanations.. Paper delivered at the 31st Annual Meeting of the Society for Epidemiologic Research, June 26, 1998, Chicago, IL.
- Socio-Economic effects on mortality over the life course: Assessing education and income effects using the National Longitudinal Mortality Study (NLMS). Paper delivered at the 1998 Annual Meeting of the Population Association of America, April 3, 1998, Chicago, IL.
- Race and Hypertension: Whence the Question, Whither the Answer? Invited paper delivered at the NHLBI 1998 "Cardiovascular Health: Coming Together for the 21st Century" National Conference, February 20, 1998, San Francisco, CA.
- The Relationship Between Blood Pressure and Body Mass Index in Lean Population. Paper delivered at the 70th Scientific Sessions of the American Heart Association, November 10, 1997, Orlando FL.
- The Relationship Between Race/Ethnicity, Income, and Mortality in the United States: Evidence from the National Health Interview Survey (1986-1990). Poster presented at the Annual Meeting of the Population Association of America, March 27, 1997, Washington DC.
- The Evolution of Non-Insulin Dependent Diabetes Mellitus Risk Among Populations of the African Diaspora. Paper delivered at the 29th Annual Meeting of the Society for Epidemiologic Research, June 14, 1996. Boston., MA
- Social Ranking in Unindustrialized Societies: Comparing Indices for Application in Health Studies. Paper delivered at the 4th International Congress of Behavioral Medicine, March 14, 1996. Washington D.C.
- Social Integration, Perceived Stress and Hypertension Among Adults in Three Socio-Economic Groups in Nigeria. Paper delivered at the 28th Annual Meeting of the Society for Epidemiologic Research, June 23, 1995. Snowbird, Utah.
- High Blood Pressure in Urban and Rural Nigeria: Dietary, Psychosocial and Anthropometric Determinants. Paper delivered at the 35th Annual Conference on Cardiovascular Disease Epidemiology and Prevention, American Heart Association, March 10, 1995. San Antonio, Texas.
- Pattern of Waist-to-Hip Ratios in Black Adults by Occupation, John Henryism and Perceived Stress: The Pitt County Study. Poster presented at the 26th Annual Meeting of the Society for Epidemiologic Research, June 17, 1993. Keystone, Colorado.
- International Collaborative Study of Hypertension in Blacks. Paper delivered at the 120th Annual Meeting of the American Public Health Association, November 10, 1992. Washington, DC.

TEACHING:

Loyola University Stritch School of Medicine (1995-1997):

Introduction to the Practice of Medicine; First Year Medical School Course, 1995-1997
Preventive Medicine Sequence; Second Year Medical School Course, Spring 1996

University of North Carolina at Chapel Hill (1997-2008):

Diagnostic and Therapeutic Reasoning, Third-Year Medical School Course, 1997-1999
Advanced Methods in Epidemiologic Data Analysis (Epid 269). Fall 2000-2001.
Private Readings on Race, Class and Health (Epid 140). Summer 2000-2001.

Advanced Methods in Epidemiologic Data Analysis (Epid 369). Spring, Fall 2001, Spring 2004.
Epidemiologic Analysis of Binary Data (Epid 269/718). Fall 2002-2006.
Readings in Epidemiologic Modeling (Epid 270/719). Fall 2002-2008.
Social Epidemiology: Analysis and Interpretation (Epid 141/827). Spring 2006-2008
Epidemiologic Analysis of Binary Data (Epid 269/718). Fall 2007-2008.

University of Chile Escuela de Salud Pública, Santiago de Chile (2004-):

Métodos Avanzado en Epidemiología (Summer Course). 2004-2007.
Curso Avanzado: Métodos de Investigación en Salud Publica, 2007-2015.
Herramientas Avanzadas para el Análisis Epidemiológico (Summer Course). 2008-2018.
Epidemiología Intermedia (Summer Course). Temuco, Chile. 2014-2015
Análisis Multinivel (Summer Course). Temuco, Chile. 2016-2017, 2019
Evaluación de intervenciones: estudios cuasi-experimentales. (Summer Course). 2019-2020.

International Summer School of Epidemiology in Ulm, Germany (2002-2009):

Epidemiologic Analysis of Binary Data (Summer Course). July 2002-2003.
Advanced Methods in Epidemiologic Analysis (Summer Course). July 2007-2009.

McGill University (2009-):

Intermediate Epidemiology (EPIB 603). Winter 2009-2011
Advanced Seminar in Social Inequalities in Health. Summer 2009 (course held in Paris, France).
Advanced Methods for Causal Inference (EPIB 610). Winter 2009-2011, 2017, 2024.
Introduction to Statistical Software (EPIB 613). Fall 2011-2012
Epidemiologic Analysis (EPIB 604). Fall 2011-2016
Methods in Social Epidemiology (EPIB 648), Fall 2012-2015, 2017.
Estimating the Causal Effects of Social Policy on Health (EPIB 672) Spring 2013, 2015
Epidemiologic Analysis (EPIB 704). Fall 2017-2021

University of Michigan at Ann Arbor (2010 -):

Methods in Social Epidemiology (EPI 761) (Summer Course). 2010-2012.
Multilevel Analysis in Public Health (EPI 787) (Summer Course). 2013-2014, 2022-2023.
Causal Inference (EPI 780) (Summer Course). 2018-2021.

École des Hautes Études en Santé Publique, Paris, France (2012-):

Multilevel Analysis (MPH 230) Winter 2012-2023

Other International Short Courses (2015-):

Epidemiología avanzada para el análisis de las intervenciones sociales
National Institute of Health, Lima, Perú, February 2015
Epidemiología avanzada para el análisis de las intervenciones sociales
Cayetano Heredia University, Lima, Perú, January 2016
Social Aspects in the Epidemiology of Dengue, Zika and Chikungunya, 15th International
Dengue Course, Pedro Kourí Tropical Medicine Institute (IPK), Havana, Cuba, August, 2017
Methods in Social Epidemiology, University of Antwerp, Belgium, May, 2019.
Causal Inference. 3rd Ruhr Summer School, Essen, Germany. July, 2019.

GRANTS AND CONTRACTS (Pending)

Exposure to low dose ionizing radiation procedures and incident cancer risk in Canada's patient population with congenital heart disease from 2005 to 2017 - Has the 'as low as reasonably achievable' (ALARA) policy had an impact? (Marelli, PI). Heart & Stroke GIA application. September 2022

GRANTS AND CONTRACTS (Current)

Chronic disease and air pollution: disease trajectory and intervention (Chen, PI), 2019–2023; \$1,920,000, Health Canada

Genetic syndromes associated susceptibility to the carcinogenic effect of low dose ionizing radiation in children with congenital heart disease (Marelli, PI), 2023-2024; \$74,064, CIHR.

GRANTS AND CONTRACTS (Completed)

Community Level Social Influences on Preterm Birth, (Savitz, PI), 1999-2002, ASPH/CDC

Effects of Food Security on Pregnancy Outcomes, (Siega-Riz, PI), 2000-2004, USDA

Methods for Mediating Factors in Social Epidemiology, (Kaufman, PI), 2001-2005, NIH/ NICHD

Life Course SES, Social Context and Cardiovascular Disease, (Heiss, PI), 2001-2005, NIH/NHLBI

Overcoming Racial Health Disparities (CEORHD), (Carey, PI), 2000-2005, HHS/AHRQ

UNC-GSK Center of Excellence in Pharmacoepidemiology, (Guess, PI), 2004-2005, GlaxoSmithKline

Homicide During Robbery: A Case Control Study, (Loomis, PI), 2003-2005, NIOSH

M-RISP Minority Elderly Research Center (SUMMER), (Godley, PI), 2003-2005, NIH/NIA

Ethnicity and Pregnancy Outcome in New York City, (Kaufman, PI-subcontract), 2005-2007, NIH/NICHD

UNC-CH/Shaw: Partnership for Health Disparity Research, (Godley, PI), 2002-2007, NIH/NCMHD

Rational Therapeutics for Pediatric Populations, (Stiles, PI), 1999-2007, HHS/ AHRQ

Social Environmental Influences on Preterm Birth, (Kaufman, PI-subcontract), 2004-2007, DHHS/MCHB

NIAMS Multidisciplinary Clinical Research Center: Rheumatic Diseases, (Jordan, PI), 2003-2008, NIH/NIAMSD

Contextual Influences on Pregnancy Outcomes, (Laraia, PI), 2007-2008, HRSA/ MCHB

Use of Racial/Ethnic Identity in Medical Evaluations, (Kaufman, PI), 2006-2008, Robert Wood Johnson Foundation

Center for Genomics and Society, (Henderson, PI), 2007-2012, NIH/NHGRI

Individual & Community Social Determinants of Osteoarthritis Outcomes, (Callahan, PI), 2008-2013, NIH/NIAMS

Hurricane Evacuation Failure, (Kaufman PI), 2007-2008, National Science Foundation

Recall and survivor biases: impact on SES-CVD associations, (Rose, PI), 2007-2010, NIH/NHLBI

Evaluación de Equidad en Chile (Frenz, PI), 2012-2013, FONIS, CONICYT (Chile)

MOTS: Modeling Obesity through Simulation, (Shoham, PI), 2010-2014, NICHD/NIH

Developing Advanced Methods for Population-Based Comparative Effectiveness Studies, (Abrahamowics, PI), 2011-2014, CIHR.

Enfermedades no transmisibles en la población adulta de Chile (Frenz, PI), 2014-2015, FONIS, CONICYT (Chile)

Maternal hypertension and infant health (Auger, PI), 2013-2015, CIHR.

Using Natural Experiments to Evaluate the Impact of Population Health Interventions on Health Inequalities, (Harper, PI), 2012-2015, CIHR.

Active evaluation of household contacts of TB cases, Lima, Peru (Kaufman, PI), 2012-2016, CIHR.

The impact of human papillomavirus (HPV) vaccination on adolescent health outcomes: The Ontario Grade 8 HPV vaccine cohort study (Lévesque, PI), 2013-2016, CIHR.

WawaRed Peru: Improving health information systems for better Maternal Health (Perez-Lu, PI), 2013-2016, IDRC.

Examining the Impact of Social Policies on Health Equity (Nandi, PI), 2011-2016, CIHR
 Socioeconomic Position, Ethnocultural Background, & Perinatal Outcome in Canada, (Kramer, PI), 2011-2016, CIHR/PPH

Pathways contributing to racial disparities in HIV virologic response (Howe, PI) 2016-2017; NIH
 Canadian Network for Advanced Interdisciplinary Methods for Prospective Studies of Drug Safety and Effectiveness, (Abrahamowics, PI), 2014-2019, CIHR.

Will an innovative, multiplexed mhealth integrated point-of-care screening/counselling strategy impact the uptake and detection of new infections in key populations? (Pant Pai, PI) 2017-2020; CIHR
 Stop-and-Frisk, Arrest, and Incarceration and STI/HIV Risk in Minority MSM (Khan, PI), 2017-2021; NIH.

Development epidemiology: identifying evidence-based interventions for improving population health and promoting health equity (Nandi, PI) 2016 – 2022; CIHR.

Socioeconomic and Ethnocultural Disparities in Perinatal Health in Canada: Current Pattern and Changes Over Time (Yang, PI), 2019-2022; CIHR.

ADVISING

Post-Doctoral Fellows (University of North Carolina)

Matthew E. Dupre (2005-2007)

Post-Doctoral Fellows (McGill University)

Ophelia Godin (2010)	Raluca Ionescu-Ittu (2011-2012)	Ashley Naimi (2012-2013)
Brittany McKinnon (2014)	Tarik Benmarhnia (2014-2016)	Lena Shah (2015-2017)
Corinne Riddell (2016-2018)		

Doctoral Thesis Director (University of North Carolina)

Ricardo Pietrobon (PhD 2003)	Remy R. Coeytaux (PhD 2004)	Lynne C. Messer (PhD 2005)
Richard F. MacLehose (PhD 2005)	May A. Baydoun (PhD 2006)	Yan Zhong (PhD 2006)
Alyssa J. Mansfield (PhD 2009)	Jennifer Horney (PhD 2009)	Anjum Hajat (PhD 2010)
Susan Marshall (PhD 2009)	Kelly A. Quinn (PhD 2010)	

Doctoral Thesis Director (McGill University)

Leah Smith (Strumpf, Co-Advisor), PhD 2014	Lena Shah (Brewer, Co-Advisor), PhD 2015
Hailey Banack, PhD 2015	Corrine Riddell (Hutcheon, Co-Advisor), PhD 2016
Jeremy Labrecque, PhD 2017	Michelle Dimitris (Platt, Co-Advisor), PhD 2019
Jenny Mabel Carabali, PhD 2020	Oduro Oppong-Nkrumah (Nandi, Co-Advisor), PhD 2020
Tanya Murphy (Yang, Co-Advisor) 2020	Pauley Tedoff (Melgar-Quiñonez, Co-Advisor), PhD 2021
Renzo José Carlos Calderón Anyosa 2023	Mohammad Sazzad Hasan (Marelli, Co-Advisor), PhD 2023

Chinchin Wang (Shrier, Co-Advisor) (Proposal Defense Completed: 19 April 2022)

Maria Doris Durán Napolitano (Nicolau, Co-Advisor) (Proposal Defense Completed: 21 February 2023)

Juwel Rana (Weichenthal, Co-Supervisor) (Proposal Defense not yet scheduled)

Céline Goulart (Carabali, Co-Supervisor) (Proposal Defense not yet scheduled)

Doctoral Thesis Director (University of Chile)

Alvaro Castillo (PhD 2013)	Patricia Frenz (PhD 2016)	Loreto Villanueva (PhD 2018)
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Member of Doctoral Dissertation Committee (University of North Carolina):

Karl Krobot (Ibrahim, Chair) (PhD 2001)
 Sonia Hutchins (Ibrahim, Chair) (PhD 2002)
 Melissa McPheeeters (Hartmann, Chair) (PhD 2003)
 Annie McNeill (Rosamond, Chair) (PhD 2003)
 Michele Jönsson Funk (Thomas, Chair) (PhD 2003)
 Jen-Jen Chang (Halpern, Chair) (PhD 2005)
 Gloria Mejia (Guess, Chair) (PhD 2005)
 Chandra Ford (Earp, Chair) (PhD 2005)
 Ricardo Pollitt (Heiss, Chair) (PhD 2005)
 Katrina Trivers (Gammon, Chair) (PhD 2006)
 Cheryl R. Stein, (Miller, Chair) (PhD 2006)
 Abigail Norris-Turner, (Miller, Chair) (PhD 2007)
 Myduc Ta (Loomis, Chair) (PhD 2008)
 M Scharoun-Lee (Gordon-Larson, Ch) (PhD 2008)
 Whitney Robinson (Stevens, Chair) (PhD 2008)
 Elizabeth Torrone (Thomas, Chair) (PhD 2009)
 Sarah J Nyante (Millikan, Chair) (PhD 2009)

Claire Newbern (Miller, Chair) (PhD 2002)
 Larry Park (Hertz-Picciotto, Chair) (PhD 2002)
 Sue A. Hall (Millikan, Chair) (PhD 2003)
 Kristi MacClamroch (Behets, Chair) (PhD 2003)
 Cara Eckhardt (Adair, Chair) (PhD 2004)
 Trang Nguyen (Miller, Chair) (PhD 2005)
 Seronda Jackson (Heiss, Chair) (PhD 2005)
 David Shoham (Heiss, Chair) (PhD 2005)
 April Perry (Heiss, Chair) (PhD 2005)
 Jennifer Norton (Wing, Chair) (PhD 2006)
 Maria R Khan (Miller, Chair) (PhD 2007)
 Anna Johnson (Heiss, Chair) (PhD 2008)
 Daniel Westreich (van Rie, Chair) (PhD 2008)
 Lynne Sampson (Miller, Chair) (PhD 2008)
 Cynthia Visness (Daniels, Chair) (PhD 2008)
 Darren L Dahly (Adair, Chair) (PhD 2009)
 Lillian Brown (Miller, Chair) (PhD 2010)

Member of doctoral dissertation committee (McGill University):

Joseph Tota (Franco, Chair), PhD 2014
 Laurence Brunet (Moodie, Chair), PhD 2015
 Desheyne Fell (Platt, Chair) 2016
 Brittany Blouin (Gyorkos, Chair) 2018

Brittany McKinnon (Harper, Chair), PhD 2014
 Geneviève Gariépy (Schmitz, Chair), PhD 2015
 Erika Braithwaite (Nandi, Chair), PhD 2016

Helen Cerigo (Quesnel-Vallée, Chair) (Proposal Defense Completed: 30 March 2018)

Member of doctoral dissertation committee (University of Chile):

Paola Salas (Amigo, Chair) (PhD 2012) Maria José Monsalves (Bonnefoy, Chair) (PhD 2019)
 Camila Zancheta (Corvalán, Chair) (in progress)

Masters Thesis Director (École des Hautes Études en Santé Publique)

Kaodi Mcgaw (MPH 2020)

Masters Thesis Director (University of North Carolina)

Ricardo Pollitt (MSPH), David Pascoe (MPH), John Hipps (MPH), Leila Kahwati (MPH), Daniel Bradford (MPH), Timothy Daaleman (MPH), Nora Francescini (MPH), Jacob Cohen (MPH), Thu Nguyen (MPH)

Masters Thesis Director (McGill University)

Menglan Pang (Platt, Co-Advisor) (MSc 2012)	Natalie Coyle (Strumpf, Co-Advisor) (MSc 2011)
Dinela Rushani (Marelli, Co-Advisor) (MSc 2012)	Pablo Gonzalez (Platt, Co-Advisor) (MSc 2015)
Francesca Del Giorgio (Merckx, Co-Advisor) (MSc 2022)	

SERVICE

Departmental Committees (University of North Carolina):

Graduate Studies Committee
 Curriculum Sub-Committee of Graduate Studies Committee
 Methods Sub-Committee of the Curriculum Sub-Committee of Graduate Studies Committee

Departmental Committees (McGill University):

Graduate Program Director (GPD) (2018- 2022)
Epidemiology Program Director (2016-2018)
Departmental Admissions Committee (2014, 2022)
Chair, Search Committee for Assistant Professor of Epidemiology, EBOH (2013)
Search Committee for Department Chair, EBOH (2011-2012)
Search Committee for Occupational/Environmental Epidemiologist, EBOH (2018)
Departmental Tenure Committee (2009-2011)
Departmental Tenure Committee (2019-2022)
Chair, Doctoral Curriculum Committee (2009-2016)

School, Center and University Committees (University of North Carolina):

Search committee for Director, Curriculum for Reducing Health Disparities (2001)
Advisory Committee, Program on Ethnicity, Culture, and Health Outcomes (ECHO) (2002)
Minority Health Project, Co-Investigator (2002-2004)
Search committee for Chair, Dept of Health Behavior and Health Education (2004-2005)
Search committee for Chair, Dept of Epidemiology (2005-2006)
Search committee for Director, UNC Pharmacoepidemiology Program (2006-2007)
Carolina Population Center Training Committee (2002-2004)
Carolina Population Center Advisory Committee (2004-2009)
Committee for the Re-appointment of the Director of the Carolina Population Center (2007)
Committee for Health Disparities Curriculum Development, NC Central University (Fall 2003)
Planning/Organizing Committee for the North Carolina Health Disparities Conference (2000)

School, Center and University Committees (McGill University):

Executive Board, Centre on Population Dynamics, McGill University (2013-2016)
Grant Review for McBurney Fellows Program, Institute for Health and Social Policy (2013-2014)
Statutory Selection Committee Senate Pools (2015-2018)

US NIH Grant Review Study Section:

SNEM-3, June 2000, Oct 2000, Feb 2001	ZMH1 ERB-I: March 2012
RPHB-3: July 2001	SSPB: February 2015
ZES1 RAM-C, Aug 2004	ZRG1 PSE-B: June 2016, April 2018
	ZRG1 RPHB-W March 2020

US National Science Foundation (NSF)

Electronic Grant Review (April 2008)

Canadian Tri-Council Grant Review

CIHR Doctoral Research Award – B (DRB) Review Committee (2013-2014; 2016-2017)
CIHR Public, Community & Population Health (PH1) Review Committee (June 2014)
SSHRC Insight Grant proposal (February 2017)

International Grant Review:

Welcome Trust Proposal 60506 (28-Jan-2000), Proposal 63235 (15-Dec-2000)
Welcome Trust Proposal 088546 (09-March-2009), Proposal 048051 (09-Dec-2009)
Chilean National Science & Technology Commission, Proposal 11150121 (30-Jul-2015)

Site Visits

On-Site Review, Division of Epidemiology, NICHD/NIH, September 24-26, 2008.

SCIENTIFIC JOURNAL PEER REVIEW

- American Heart Journal
American Journal of Bioethics
American Journal of Epidemiology
American Journal of Hypertension
American Journal of Medical Genetics
American Journal of Medical Sciences
American Journal of Public Health
American Statistician
Annals of Behavioral Medicine
Annals of Epidemiology
Annals of Internal Medicine
Biometrics
Biometrika
BMC Medical Research Methodology
British Medical Journal
BMJ OPEN
Canadian Journal of Cardiology
Canadian Journal of Dental Hygiene
Canadian Journal of Public Health
Cancer Causes and Control
Clinical Nutrition
Clinical Trials
Contexts (American Sociological Association)
Demography
Economics Bulletin
Environmental Health Perspectives
Environment International
Epidemiology
Epidemiologic Perspective and Innovations
Epidemiologic Reviews
Ethnicity and Health
Genetics in Medicine
Health and Place
Health Services Research
International Journal of Epidemiology
International Journal for Equity in Health
International Journal of Environmental Research and Public Health
International Journal of Obesity
Journal of the American College of Cardiology
Journal of Clinical Epidemiology
Journal of Epidemiology and Community Health
Journal of Epidemiology and Global Health
Journal of the National Cancer Institute
JAMA
JAMA Psychiatry
- Journal of Epidemiology
Journal of Medical Virology
Journal of Perinatology
Journal of Public Health Dentistry
Journal of Rural Health
Journal of Urban Health
Lancet Oncology
Lancet Regional Health - Americas
Mayo Clinic Proceedings
Medical Decision Making
MEDICC Review
Nature Biotechnology
Nature Digital Medicine
New England Journal of Medicine
Nigerian Journal of Clinical Practice
Ophthalmology
PeerJ
Pediatrics
Pediatric and Perinatal Epidemiology
PLoS Genetics
PLoS Medicine
PLoS ONE
Preventive Medicine
Prevention Science
Proc National Acad of Sciences (PNAS)
Psychotherapy and Psychosomatics
Public Health Nutrition
Public Health Reports
Quarterly Journal of Economics
Revista Peruana de Medicina Experimental y Salud Pública (RPMESP)
Risk Analysis
Science
Science, Technology and Human Values
Scientific Reports (Nature)
Social Forces
Social Psychiatry and Psychiatric Epidemiology
Social Science and Medicine
Sociological Methods and Research
Statistical Science
Tobacco Control
Vaccine