



James (Jay) Brophy

PROFESSOR OF MEDICINE

McGill University

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Slightly contrarian cardiologist living and working in Montreal Canada

Education

McGill University Faculty of Medicine

PHD Montreal
1993 - 1998

Université de Montreal Faculte de Medecine

FRCPC Montreal
1979 - 1984

McMaster University Faculty of Health Sciences

MD Hamilton
1976 - 1979

McMaster University Faculty of Engineering

M.ENG Hamilton
1973 - 1974

McGill University Faculty of Engineering

B.ENG Montreal
1967 - 1973

Awards

FELLOW CANADIAN ACADEMY OF HEALTH SCIENCES Sept 2018

FELLOW CANADIAN CARDIOVASCULAR SOCIETY May 2017

Current Research Funding (PI)

Fonds de Recherche Quebec Sante (FRQS) Total Funding - \$350,000

APPUI À LA RECHERCHE EN ÉVALUATION DES TECHNOLOGIES ET DES PRATIQUES DE POINTE DANS LES CHU (HEALTH July 2018-23
TECHNOLOGY AND EVIDENCE BASED MEDICINE)

Canadian Institutes of Health Research (CIHR) Project Grant Total Funding - \$309,825

TICAGRELOR COMPARED TO CLOPIDOGREL IN ACUTE CORONARY SYNDROMES - THE TC4 COMPARATIVE EFFECTIVENESS STUDY 2018/4 - 2021/3

Canadian Institutes of Health Research (CIHR) Project Grant Total Funding - \$229,500

EVALUATING THE TRAJECTORY OF AORTIC STENOSIS (AS) IN QUEBEC PATIENTS - DIAGNOSIS, TREATMENTS, AND OUTCOMES 2020/9 - 2022/9

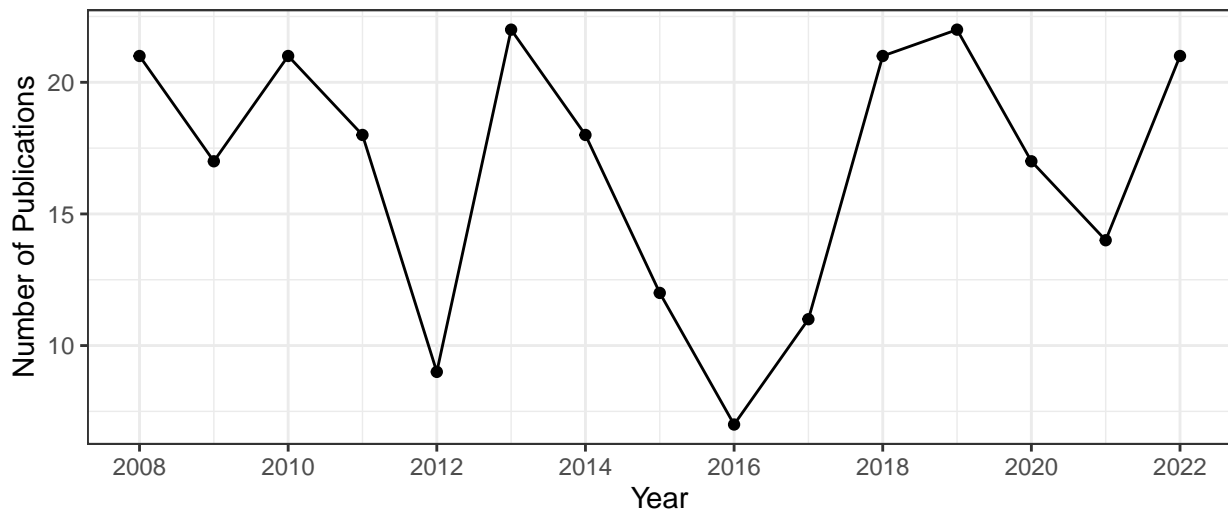
Canadian Institutes of Health Research (CIHR) Project Grant Total Funding (co-I) - \$372,500

THE S. AUREUS NETWORK ADAPTIVE PLATFORM TRIAL (SNAP) CANADA: A RANDOMIZED CONTROLLED TRIAL FOR 2021/7 - 2025/6
PENICILLIN-SUSCEPTIBLE, METHICILLIN-SUSCEPTIBLE, AND METHICILLIN RESISTANT STAPHYLOCOCCUS AUREUS
BLOODSTREAM INFECTIONS IN HOSPITALIZED PATIENTS

Publications

All publications (431 on 2022-11-28) as recorded in Google Scholar can be found [here](#)
Citations 25,203, h-index 61

Includes letters, editorials as well as original articles



2022

JM Brophy

MOLNUPIRAVIR'S AUTHORISATION WAS PREMATURE

bmj

2022

TC Lee, S Murthy, O Del Corpo, J Senécal, G Butler-Laporte, ZN Sohani, ...

REMSDESIVIR FOR THE TREATMENT OF COVID-19: A SYSTEMATIC REVIEW AND META-ANALYSIS

Clinical Microbiology and Infection

2022

AM Albuquerque, L Tramujas, LR Sewanan, DR Williams, JM Brophy

MORTALITY RATES AMONG HOSPITALIZED PATIENTS WITH COVID-19 INFECTION TREATED WITH TOCILIZUMAB AND CORTICOSTEROIDS: A BAYESIAN REANALYSIS OF A PREVIOUS META-ANALYSIS

JAMA network open

2022

M Gaudino, JM Brophy

THE CONTROVERSY ON THE TREATMENT OF LEFT MAIN CORONARY ARTERY DISEASE

The Journal of Thoracic and Cardiovascular Surgery

2022

A Sharma, M Elharram, J Afilalo, A Flannery, M Afilalo, C Tselios, J Ni, ...

A RANDOMIZED CONTROLLED TRIAL OF RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM INHIBITOR MANAGEMENT IN PATIENTS ADMITTED IN HOSPITAL WITH COVID-19

American heart journal

2022

A Razaghizad, E Oulousian, VK Randhawa, JP Ferreira, JM Brophy, ...

CLINICAL PREDICTION MODELS FOR HEART FAILURE HOSPITALIZATION IN TYPE 2 DIABETES: A SYSTEMATIC REVIEW AND META-ANALYSIS

Journal of the American Heart Association, e

2022

AM Albuquerque, I Eckert, L Tramujas, G Butler-Laporte, EG McDonald, ...

EFFECT OF TOCILIZUMAB, SARILUMAB, AND BARICITINIB ON MORTALITY AMONG PATIENTS HOSPITALIZED FOR COVID-19 TREATED WITH CORTICOSTEROIDS: A SYSTEMATIC REVIEW AND META-ANALYSIS

Clinical Microbiology and Infection

2022

M Samuel, JM Brophy

DIABETES AND ATRIAL FIBRILLATION: DOES THE TYPE OF DIABETES MATTER?

European Journal of Preventive Cardiology

2022

TC Lee, S Murthy, O Del Corpo, J Senecal, G Butler-Laporte, ZN Sohani, ...

DEVELOPING A CROSS-VALIDATION TOOL FOR EVALUATING ECONOMIC EVIDENCE IN RAPID LITERATURE REVIEWS

Journal of Comparative Effectiveness Research

2022

JM Brophy, L Nadeau

AMIODARONE VERSUS DRONEDARONE FOR ATRIAL FIBRILLATION—A RETROSPECTIVE COHORT STUDY

CJC Open

2022

JM Brophy

BIG DATA, BIG EXPECTATIONS, AND BIG JUDGEMENTS

Canadian Journal of Cardiology

2022

JM Brophy

UNDERSTANDING ASSOCIATIONS, SOCIAL INEQUITIES, AND CARDIOVASCULAR RISKS

Canadian Journal of Cardiology

2022

A Rahman, J Michaud, S Dell'Aniello, E Moodie, JM Brophy, M Durand, ...

ASSOCIATION BETWEEN ORAL ANTICOAGULANTS AND RISK OF DEMENTIA IN PATIENTS WITH NON-VALVULAR ATRIAL FIBRILLATION

PHARMACOEPIDEMIOLOGY AND DRUG SAFETY

2022

J Rouette, E McDonald, T Schuster, I Matok, J Brophy, L Azoulay

THIAZIDE DIURETICS AND RISK OF COLORECTAL CANCER

JM Brophy

IN HF, SGLT2 INHIBITORS REDUCE HF HOSPITALIZATIONS AT UP TO 2 Y

JM Brophy

MRNA COVID-19 VACCINES WERE LINKED TO MYOCARDITIS AT 28 D (0.15 TO 10 EXCESS EVENTS/100 000 VACCINATED PERSONS)

J Rouette, EG McDonald, T Schuster, JM Brophy, L Azoulay

TREATMENT AND PRESCRIBING TRENDS OF ANTIHYPERTENSIVE DRUGS IN 2.7 MILLION UK PRIMARY CARE PATIENTS OVER 31 YEARS: A POPULATION-BASED COHORT STUDY

AM Albuquerque, JM Brophy

PACEMAKER RISK FOLLOWING TRANSCATHETER AORTIC VALVE REPLACEMENT-A BAYESIAN REANALYSIS

JM Brophy

AFTER DES IMPLANTATION, DAPT FOR 1 Y VS. ≤ 6 MO INCREASED MAJOR BLEEDING IN PATIENTS WITH HIGH BASELINE BLEEDING RISK

AM Albuquerque, I Eckert, L Tramuja, EG McDonald, G Butler-Laporte, ...

ANALYSIS PLAN: VERSION 1.1 EFFECT OF TOCILIZUMAB, SARILUMAB, AND BARICITINIB ON MORTALITY AMONG PATIENTS HOSPITALIZED FOR COVID-19: A SYSTEMATIC REVIEW AND META-REGRESSION

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SARS-CoV-2 TESTING IN TRAVELLERS: CAN WE BE SMARTER?

PHARMACOEPIDEMIOLOGY AND
DRUG SAFETY

2022

Annals of Internal Medicine

2022

Annals of Internal Medicine

2022

BMJ Open

2022

International Journal of Cardiology

2022

Annals of Internal Medicine

2022

CMAJ

2022

Publications 2021

TC Lee, EG McDonald, G Butler-Laporte, LB Harrison, MP Cheng, ...

REMDESIVIR AND SYSTEMIC CORTICOSTEROIDS FOR THE TREATMENT OF COVID-19: A BAYESIAN RE-ANALYSIS

M Etmnan, JM Brophy, G Collins, M Nazemipour, MA Mansournia

TO ADJUST OR NOT TO ADJUST: THE ROLE OF DIFFERENT COVARIATES IN CARDIOVASCULAR OBSERVATIONAL STUDIES

SA Kutcher, JM Brophy, HR Banack, JS Kaufman, M Samuel

EMULATING A RANDOMISED CONTROLLED TRIAL WITH OBSERVATIONAL DATA: AN INTRODUCTION TO THE TARGET TRIAL FRAMEWORK

AM Albuquerque, L Tramuja, LR Sewanan, JM Brophy

TOCILIZUMAB IN COVID-19—A BAYESIAN REANALYSIS OF RECOVERY

M Aflaki, A Flannery, JP Ferreira, MP Cheng, N Kronfli, A Marelli, ...

MANAGEMENT OF RENIN-ANGIOTENSIN-ALDOSTERONE SYSTEM BLOCKADE IN PATIENTS ADMITTED TO HOSPITAL WITH CONFIRMED CORONAVIRUS DISEASE (COVID-19) INFECTION (THE MCGILL RAAS-COVID-19 ...

S Rinfret, I Jahan, K McKenzie, N Dendukuri, KR Bainey, S Mansour, ...

THE COVID-19 PANDEMIC AND CORONARY ANGIOGRAPHY FOR ST-ELEVATION MYOCARDIAL INFARCTION, USE OF MECHANICAL SUPPORT, AND MECHANICAL COMPLICATIONS IN CANADA: A CANADIAN ASSOCIATION ...

M Samuel, JM Brophy, L D'Aronco, JC Tardif, P Khairy

DISTORTING EFFECT OF IMMORTAL TIME BIAS ON THE ASSOCIATION BETWEEN CATHETER ABLATION FOR ATRIAL FIBRILLATION AND INCIDENT STROKE: CAVEAT EMPTOR

TJC Perreault S, Dragomir A, Côté R, Lenglet A, White-Guay B, de Denus S ...

COMPARATIVE EFFECTIVENESS AND SAFETY OF HIGH-DOSE RIVAROXABAN AND APIXABAN FOR ATRIAL FIBRILLATION: A PROPENSITY SCORE-MATCHED COHORT STUDY

S Perreault, A Dragomir, R Côté, A Lenglet, S De Denus, M Dorais, ...

COMPARATIVE EFFECTIVENESS AND SAFETY OF LOW-DOSE ORAL ANTICOAGULANTS IN PATIENTS WITH ATRIAL FIBRILLATION

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BAYESIAN ANALYSES OF CARDIOVASCULAR TRIALS—BRINGING ADDED VALUE TO THE TABLE

JM Brophy

KEY ISSUES IN THE STATISTICAL INTERPRETATION OF RANDOMIZED CLINICAL TRIALS

*International Journal of Infectious
Diseases*

2021

American Heart Journal

2021

Canadian Journal of Cardiology

2021

medRxiv

2021

Trials

2021

CJC open

2021

Canadian Journal of Cardiology

2021

Pharmacotherapy

2021

Frontiers in pharmacology

2021

Canadian Journal of Cardiology

2021

Canadian Journal of Cardiology

2021

G Nakhlé, JM Brophy, C Renoux, P Khairy, P Bélisle, J LeLorier	<i>Journal of Clinical Epidemiology</i>
DOMPERIDONE INCREASES HARMFUL CARDIAC EVENTS IN PARKINSON'S DISEASE: A BAYESIAN RE-ANALYSIS OF AN OBSERVATIONAL STUDY	2021
J Rouette, JM Brophy, T Schuster, L Azoulay	<i>PHARMACOEPIDEMIOLOGY AND DRUG SAFETY</i>
TREATMENT TRAJECTORY OF ANTIHYPERTENSIVE DRUGS IN UK PRIMARY CARE PRACTICES	2021
AM Albuquerque, TC Lee, DR Williams, L Tramuja, JM Brophy	
ANALYSIS PLAN DOES SARILUMAB REDUCE MORTALITY IN HOSPITALIZED PATIENTS FOR COVID-19? A BAYESIAN REANALYSIS	2021

Publications 2020

JM Brophy	<i>JAMA Internal Medicine</i>
BAYESIAN INTERPRETATION OF THE EXCEL TRIAL AND OTHER RANDOMIZED CLINICAL TRIALS OF LEFT MAIN CORONARY ARTERY REVASCULARIZATION	2020
S Cohen, A Liu, F Wang, L Guo, JM Brophy, M Abrahamowicz, J Therrien, ...	<i>International Journal of Cardiology</i>
RISK PREDICTION MODELS FOR HEART FAILURE ADMISSIONS IN ADULTS WITH CONGENITAL HEART DISEASE	2020
EM Jolicoeur, N Dendukuri, P Belisle, G Range, G Souteyrand, F Bouisset, ...	<i>Canadian Journal of Cardiology</i>
IMMEDIATE VS DELAYED STENTING IN ST-ELEVATION MYOCARDIAL INFARCTION: RATIONALE AND DESIGN OF THE INTERNATIONAL PRIMACY BAYESIAN RANDOMIZED CONTROLLED TRIAL	2020
J Ben-Shoshan, P Overtchouk, J Buithieu, N Mousavi, G Martucci, ...	<i>JACC: Cardiovascular Interventions</i>
PREDICTORS OF OUTCOMES FOLLOWING TRANSCATHETER EDGE-TO-EDGE MITRAL VALVE REPAIR	2020
M Samuel, B Batomen, J Rouette, J Kim, RW Platt, JM Brophy, ...	<i>BMJ open</i>
EVALUATION OF PROPENSITY SCORE USED IN CARDIOVASCULAR RESEARCH: A CROSS-SECTIONAL SURVEY AND GUIDANCE DOCUMENT	2020
JM Brophy	<i>bmj</i>
US PURCHASES WORLD STOCKS OF REMDESIVIR: WHY THE REST OF THE WORLD SHOULD BE GLAD TO BE AT THE BACK OF THE QUEUE	2020
P Theriault-Lauzier, H Alsosaimi, N Mousavi, J Buithieu, M Spaziano, ...	<i>International journal of computer assisted radiology and surgery</i>
RECURSIVE MULTIREOLUTION CONVOLUTIONAL NEURAL NETWORKS FOR 3D AORTIC VALVE ANNULUS PLANIMETRY	2020
F Wang, LH Sterling, A Liu, JM Brophy, G Paradis, A Marelli	<i>International journal of cardiology</i>
RISK OF READMISSION AFTER HEART FAILURE HOSPITALIZATION IN OLDER ADULTS WITH CONGENITAL HEART DISEASE	2020
F Wang, A Liu, JM Brophy, S Cohen, M Abrahamowicz, G Paradis, ...	<i>Circulation: Heart Failure</i>
DETERMINANTS OF SURVIVAL IN OLDER ADULTS WITH CONGENITAL HEART DISEASE NEWLY HOSPITALIZED FOR HEART FAILURE	2020
R Puri, JM Brophy, MJ Mack	<i>Journal of the American College of Cardiology</i>
REVASCULARIZING DIABETIC MULTIVESSEL CORONARY ARTERY DISEASE IN THE 2020S: FOREVER SURGICALLY SWEET?	2020
J Rouette, JM Brophy, T Schuster, L Azoulay	<i>PHARMACOEPIDEMIOLOGY AND DRUG SAFETY</i>
PRESCRIBING TRENDS OF ANTIHYPERTENSIVE DRUGS IN THE UNITED KINGDOM: A 30-YEAR ASSESSMENT	2020
G Nakhle, J Brophy, P Khairy, J LeLorier, C Renoux, P Belisle	<i>PHARMACOEPIDEMIOLOGY AND DRUG SAFETY</i>
A BAYESIAN ANALYSIS OF OBSERVATIONAL STUDIES: THEORETICAL AND PRACTICAL CONSIDERATIONS	2020
J Brophy	<i>Annals of Internal Medicine</i>
IN ADULTS WITH CHEST PAIN, A TROPONIN LIMIT OF DETECTION STRATEGY DID NOT INCREASE EARLY DISCHARGE RATE	2020
M Etminan, JM Brophy, A Samii	
'UPDATE': ORAL FLUOROQUINOLONE USE AND RISK OF PERIPHERAL NEUROPATHY: A PHARMACOEPIDEMIOLOGIC STUDY	2020
JM Brophy	<i>Canadian Journal of Cardiology</i>
THE DOLLARS AND SENSE OF TRANSCATHETER AORTIC VALVE REPLACEMENT: AN EXAMPLE OF THE BENEFIT OF AVOIDING STENOSES IN HEALTH CARE SERVICES RESEARCH	2020

Top citations

- cites: 908

- cites: 605

- cites: 536

- cites: 509

- cites: 454

Talks (2022)

St Mary's Hospital Department of Medicine Grand Rounds Rounds

DUAL ANTIPLATELET THERAPY (DAPT) IN 2022

Montreal QC Feb 3 2022

McGill University - The 'Crisis' in Health Research

CAN MEDICAL GUIDELINES ADVERSELY AFFECT THE HEALTH COMMONS?

Montreal QC April 11 2022

Talks (2021)

McGill University Health Center Cardiovascular Rounds

BAYES MEETS THE NEJM

Montreal QC Sept 13 2021

McGill University Health Center Department of Medicine Grand Rounds Rounds

BAYES MEETS THE NEJM

Montreal QC Sept 20 2021

McGill University Department of Epidemiology, Biostatistics and Occupational Health Fall Seminar Series

USING A 250 YEAR OLD LENS TO ANALYSE CONTEMPORARY CARDIOVASCULAR TRIALS

Montreal QC Sept 27 2021

Quebec Society of vascular sciences annual scientific meeting

COLCHICINE AND CORONARY ARTERY DISEASE

Montreal Oct 26 2021

Talks (2020)

McGill University The 'Crisis' in Health Research and its Implications for Research, Health Policy and Clinical Practice

CAN MEDICAL GUIDELINES ADVERSELY AFFECT THE HEALTH COMMONS?

Montreal QC Feb 2020

McGill Department of Medicine

FRQS INFORMATION SESSION

Montreal QC June 2020

Combined Jewish General Hospital-McGill University Health Center Cardiovascular Rounds

A BAYESIAN APPROACH TO LEFT MAIN DISEASE – HOW HAS THE EXCEL TRIAL MOVED THE NEEDLE?

Montreal QC Sept 2020

34th Annual European Association for Cardio-thoracic Surgery

THE ROLE OF SYNTAX SCORE FOR TREATMENT DECISION MAKING

Barcelona Spain Oct 2020