
Curriculum Vitae

Nicholas Joseph Grubic

PhD(c), MSc, BSc(Hons), Cert. Business

PERSONAL INFORMATION

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Language: English (native), French (basic understanding)

PERSONAL SOCIAL MEDIA

LinkedIn: <https://www.linkedin.com/in/nicholasgrubic/>

Website: <https://nicholasjgrubic.wixsite.com/ngrubic>

Profiles: <https://www.dlsph.utoronto.ca/program/phd-epidemiology/>
<https://geisee-dlsph-utoronto.ca/about-us/phd-students/>

ACADEMIC SOCIAL MEDIA

ResearchGate: https://www.researchgate.net/profile/Nicholas_Grubic

Google Scholar: <https://scholar.google.com/citations?user=0DPFVOgAAAAJ&hl=en&oi=ao>

PubMed: <https://pubmed.ncbi.nlm.nih.gov/?term=Grubic+Nicholas>

Web of Science: <https://www.webofscience.com/wos/author/record/AFR-0264-2022>

X: @nickgrubic

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PROFILE

Nicholas Grubic is a Vanier Scholar pursuing a PhD in Epidemiology at the Dalla Lana School of Public Health, University of Toronto. He completed his Bachelor of Science (Honours) and Certificate in Business at Queen's University in 2019. He also completed his Master of Science in Epidemiology at Queen's University in 2021, specializing in cardiovascular epidemiology, out-of-hospital cardiac arrest, the social determinants of health, and cardiovascular athletic health. Nicholas has been a Principal Investigator and Co-Investigator on various research grants funded by the Canadian Institutes of Health Research, Southeastern Ontario Academic Medical Organization, Canadian Cardiovascular Society, and AMS Healthcare. Nicholas has published over 55 peer-reviewed articles in reputable academic journals, including the British Medical Journal, Canadian Journal of Cardiology, British Journal of Sports Medicine, Current Cardiology Reports, Current Problems in Cardiology, American Journal of Emergency Medicine, Prehospital Emergency Care, and other leading medical journals. He has presented at numerous national and international meetings, including the Canadian Cardiovascular Congress, Society for Epidemiologic Research Meeting, and European Society of Cardiology Congress, among many others. Nicholas is an active trainee member with the Canadian Cardiovascular Society, having served as a member of the Trainee Committee for over 5 years. He is also an editorial board member for the Canadian Journal of Cardiology and CJC Open. Apart from his academic work, Nicholas is committed to exercising his social responsibility and engaging in extracurricular activities. He has volunteered with non-profit organizations, including the Heart & Stroke Foundation of Canada, where he has been a member of the Heart and Stroke Young Leaders Committee since 2023. In 2025, Nicholas was honoured with a King Charles III Coronation Medal on behalf of the Heart and Stroke Foundation for community support and fundraising. He was also a prior varsity athlete at Queen's University (rowing and triathlon) and competed for Team Ontario at the 2017 Canada Summer Games.

RESEARCH INTERESTS

Research Specialization Keywords: Epidemiology, Cardiology, Cardiovascular, Sports Medicine, Sudden Cardiac Death, Screening, Social Determinants of Health, Mental Health, Child Health, Biostatistics, Athletes, Health Services Research, Health Administrative Data

Research Disciplines: Epidemiology and Biostatistics, Cardiology

Disciplines Trained In: Epidemiology, Biology and Related Sciences

Areas of Research: Epidemiology, Community Health/Public Health, Cardiovascular Diseases

Fields of Application: Public Health, Clinical

ACADEMIC IMPACT STATISTICS

Total citations: 1276 (August 2026) | **H-index:** 15 (August 2026) | **i10-index:** 20 (August 2026)

EDUCATION

2025-2026 Fribourg, Switzerland	Visiting Doctoral Researcher <i>University of Fribourg</i> • 5-month research fellowship from October 2025-March 2026 • <u>Supervisors</u>: Cristian Carmeli, Arnaud Chiolero
2023-Present Toronto, ON	Doctor of Philosophy in Epidemiology <i>Dalla Lana School of Public Health, University of Toronto</i> • Research Methods I (A+) • Research Methods II (A+) • Quantitative Methods for Biomedical Research (A+) • Advanced Quantitative Methods in Epidemiology (A+) • Advanced Analytic Methods for Bias in Epidemiologic Studies (A+) • Epidemiological Methods for Causal Mediation Analysis (A+) • Professional Skills for Doctoral Students in Public Health (Credit) • <u>Comprehensive Exam</u>: Completed June 2024, Honours Pass (>90%) • <u>Proposal Defence</u>: Completed May 2025, Passed with No Revisions • <u>PhD Thesis Topic</u>: Socioeconomic Inequalities in Cardiovascular Health Among Children and Adolescents: Evaluating Temporal Trends and Exploring Intervention Targets • <u>Supervisor</u>: Maximova K • <u>Committee Members</u>: Siddiqi A, Carsley S
2019-2021 Kingston, ON	Master of Science in Epidemiology <i>Department of Public Health Sciences, Queen's University</i> • EPID 801: Introduction to Epidemiology (A+) • EPID 821: Introductory Biostatistics (A+) • EPID 804: Intermediate Epidemiology (A+) • EPID 822: Applied Regression Analysis (A+) • EPID 837: Health Services Research (A+) • EPID 831: Chronic Disease Epidemiology (A+) • <u>MSc Thesis Topic</u>: Out-of-Hospital Cardiac Arrest Characteristics, Care Processes and Outcomes Across the Urban-Rural Spectrum: A Retrospective Cohort Study from 2013-2019 in the United States (http://hdl.handle.net/1974/29037). • <u>Supervisors</u>: Brooks SC, Peng YP, Walker M
2016-2019 Kingston, ON	Certificate in Business <i>Smith School of Business, Queen's University</i>
2015-2019 Kingston, ON	Honours Bachelor of Science in Life Sciences <i>Department of Biomedical and Molecular Sciences, Queen's University</i> • BMED 271: Global and Population Health (A+) • EPID 301: Principles of Epidemiology (A) • EPID 401: Biostatistical Data Analysis for Life Sciences Students (A+) • <u>BScH Thesis Topic</u>: Stress Echocardiography for Pulmonary Hemodynamic Assessment (https://youtu.be/-BLVlhBceVM). • <u>Supervisor</u>: Johri AM

COURSES & TRAINING

Jan 2026	4th International Meeting on Teaching Epidemiology (Participant) <i>University of Zurich, Zurich, Switzerland</i>
Sept 2025	Fundamentals of Social Epidemiology Research: An Overview of Current Theories and Methods <i>Edwin S.H. Leong Centre for Health Children, University of Toronto</i>

ACADEMIC SOCIETY AFFILIATIONS

2024-Present	Student Member <i>Society for Epidemiologic Research (SER)</i>
2022-Present	Associate Member <i>Canadian Cardiovascular Research Collaboratory (C³)</i>
2022-Present	Trainee Member <i>Cardiovascular Network of Canada (CANet)</i>
2019-Present	Member-in-Training <i>Canadian Cardiovascular Society (CCS)</i> • Member-in-Training (2023-Present) • Canadian Journal of Cardiology Editorial Board Member (2024-Present) • Canadian Journal of Cardiology Open Editorial Board Member (2024-Present) • Trainee Committee Program Evaluation Representative (2025-2027) • Canadian Cardiovascular Society Journal Advisory Group (2025-2026) • Trainee Committee Journals Representative (2023-2025) • CCC 2026 Strategic Redesign Committee Trainee Representative (2025) • Student Member (2019-2023) • Trainee Program Planning Committee Track Lead (2022) • Trainee Program Planning Committee Member (2020, 2021) • Canadian Journal of Cardiology Trainee Reviewer Board Member (2021, 2022) • Have a Heart Bursary Recipient (2019)
2019-Present	Co-Founder <i>Community & Athletic Cardiovascular Health Network</i>

PROFESSIONAL EXPERIENCE

2022-Present Toronto, ON	Research Associate <i>Dalla Lana School of Public Health, University of Toronto</i>
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	• Provide methodological and analytical support to various epidemiological studies. • Consultant epidemiologist and methodologist in the Ge-iSEE lab under the supervision of Dr. Erjia Ge. (https://geisee-dlsph-utoronto.ca/about-us/phd-students/). • Consultant epidemiologist and methodologist under the supervision of Dr. Katerina Maximova.
2018-Present Kingston, ON	Research Associate <i>Cardiovascular Imaging Network at Queen's, Queen's University</i> • Responsible for research coordination of the athletic cardiovascular research program, including project development, ethics approval, data collection, analysis, manuscript/grant preparation, and knowledge dissemination. • Collaborate on other projects surrounding cardiovascular epidemiology and medical imaging, with emphasis on data analysis, grant preparation, and manuscript preparation. • Supervise/mentor a team of undergraduate students and volunteers. • Lead and coordinate a national working group focused on the cardiovascular health of athletes and active individuals (Community & Athletic Cardiovascular Health Network).
2023 Ottawa, ON	Research Analyst (6-month contract) <i>Broadstreet Health Economics and Outcomes Research</i> • Collaborate on systematic reviews and epidemiological studies within a broad range of health-sciences related fields
2022-2023 Ottawa, ON	Senior Analyst (6-month contract) <i>Ontario Health – Cancer Screening Analytics</i> • Developed indicator methodologies and led provincial-level reporting for the Ontario Lung Cancer Screening Program (OLSP). • Prepared data and reports for the monthly OLSP COVID-19 tool. • Prepared data and graphical representations for the Ontario Cancer Screening Performance Report (developed a code to generate a cohort that can be used for future reporting of the OLSP program) (https://www.cancercareontario.ca/sites/ccocancercare/files/assets/OLSPRfullReport.pdf) • Developed a set of business rules to identify patients with lung cancer throughout the Ontario Cancer Registry for the Screening Activity Report. • Collaborate with internal and external clinical or scientific stakeholders to produce ad-hoc data requests and develop quality improvement initiatives.
2021-2022 Ottawa, ON	Methodologist II <i>Ottawa Health Research Institute/ICES University of Ottawa</i> • Collaborated with investigators, research staff, and students to design and conduct epidemiological studies using health administrative data from ICES. • Performed advanced data manipulation and statistical analyses (e.g., survival analysis, propensity score weighting, multiple imputation,

modified Poisson regression, model validation, etc.) using statistical software (SAS, R).

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| 2019-2021
Kingston, ON | <p>Teaching Assistant
<i>Faculty of Health Sciences, Queen's University</i></p> <ul style="list-style-type: none">• Created and presented weekly/bi-weekly lectures and workshops to audiences ranging from 10-50 students.• Provided constructive feedback and graded student assignments.• Provided academic assistance to students through email communications, appointments, and regular office hours. |
| 2020-2021
Kingston, ON | <p>Conference Coordinator (Scholarship Beyond Boundaries)
<i>Society of Graduate and Professional Students, Queen's University</i></p> <ul style="list-style-type: none">• Coordinated all aspects of the 2021 (2nd annual) Society of Graduate and Professional Students Virtual Scholarship Beyond Boundaries Conference (included 13 panels with 2-3 presenters each, 6 workshops, and 1 keynote session). |
| 2019
Kingston, ON | <p>Conference Coordinator (CATCH Network Symposium)
<i>Cardiovascular Imaging Network at Queen's, Queen's University</i></p> <ul style="list-style-type: none">• Co-Applicant on successful Canadian Institutes of Health Research Planning & Dissemination Grant (listed as Co-Applicant).• Organized logistics, promotion, and scheduling of the 1.5-day Community & Athletic Health Network (CATCH Network) held in Kingston, Ontario - meeting recap video. |
| 2019
Kingston, ON | <p>Lead Instructional Design Assistant (summer term)
<i>Faculty of Health Sciences, Queen's University</i></p> <ul style="list-style-type: none">• Managed and organized a team of 5-10 instructional design assistants.• Interacted directly with professors to develop course content, as well as design assignments and grading schemes. |
| 2018
Kingston, ON | <p>Instructional Design Assistant (summer term)
<i>Faculty of Health Sciences, Queen's University</i></p> <ul style="list-style-type: none">• Collaborated on the development of online health sciences-related courses using a competency-based, student-centred, and performance-driven educational framework• Integrated instructional and interactive learning approaches for course content into discrete online modules.• Worked with a team of program directors, course leads, professors, and students to generate course content, assignments, and grading schemes. |
| 2015-2016
Hamilton, ON | <p>Student Research Assistant (two 4-month summer terms)
<i>Population Health Research Institute, Hamilton Health Sciences</i></p> <ul style="list-style-type: none">• Developed a strong understanding of research methodology, including data entry and analysis using iDataFax data management software, study administrative procedures, and electronic filing systems.• Designed a training program for site staff and participants that outlined the necessary setup and documentation procedure for recording study participant data related to the use of a pedometer. |

- Updated clinical trial case report forms and created Excel pivot tables using raw study data to enable monitoring of analysis workbooks.

CERTIFICATIONS

Aug 2026 <i>No Exp. Date</i>	CIHR Institute of Gender and Health Core Competency Module for Sex and Gender in the Analysis of Secondary Data from Human Participants
Oct 2022 <i>Exp. Oct 2024</i>	Good Clinical Practice <i>CITI Program</i>
Apr 2020 <i>No Exp. Date</i>	Statistical Data Analysis Using SAS <i>SAS Institute</i>
Apr 2018 <i>Exp. Apr 2021</i>	CPR/AED Level C Training <i>Canadian Red Cross</i>
May 2025 <i>No Exp. Date</i>	TCPS 2 Core Ethics Panel on Research Ethics, Government of Canada
Sept 2022 <i>No Exp. Date</i>	Accessibility for Ontarians with Disabilities Act (AODA) Legislative Assembly of Ontario
May 2018 <i>No Exp. Date</i>	Health and Safety Awareness Department of Environmental Health and Safety, Queen's University

PEER-REVIEWED RESEARCH GRANTS

June 2026-May 2027 Collaborator	AI-Enhanced Spatiotemporal Surveillance of Extreme Weather and Wildfire-Related Air Pollution Exposures on Chronic Respiratory Diseases: A Tri-National Cohort Study Across the Lifespan. <i>Joint Seed Grant Fund - University of Toronto and Zhejiang University</i> <u>Principal Investigator:</u> Ge E, Miao X <u>Collaborators:</u> Wei X, Chen M, Grubic N , Kim A, Wang C, Yin J, Wu Y, Huang J, Tu T, Liu K, Song J \$20,000 CAD + 100,000 RMB
July 2025-June 2027 Co-Investigator	The systematic review of cardiovascular outcomes in major clinical heart failure trials by intersectionality of sex and gender, race, and age: Maximizing knowledge translation opportunities <i>Canadian Institutes of Health Research Project Grant</i> <u>Co-Principal Investigators:</u> Banks L, Colella TJ <u>Co-Investigators:</u> Andreak N, Connelly KA, Cote P, Forcillo K, Graham M, Grubic N , Kimmaliardjuk DM, Norris CM, Randhawa VK, Yan AT \$183,600 CAD
Feb 2025-Jan 2026 Co-Investigator	The systematic review of cardiovascular outcomes in major clinical trials by sex, race, and age: Maximizing knowledge translation opportunities <u>Co-Principal Investigators:</u> Banks L, Colella TJ

	<u>Co-Investigators:</u> Andreak N, Connelly KA, Forcillo K, Graham M, Grubic N, Kimmaliardjuk D, Norris CM, Randhawa VK, Yan AT \$100,000 CAD
Nov 2024-Oct 2025 Co-Investigator	Planning for the evaluation of cardiovascular outcomes in major clinical trials by sex, race, and age <i>Canadian Institutes of Health Research Planning and Dissemination Grant</i> <u>Co-Principal Investigators:</u> Banks L, Randhawa VK <u>Co-Investigators:</u> Colella T, Connelly K, Côté P, Forcillo J, Michelle G, Grubic N <u>Collaborators:</u> Main E, Robert H \$19,827 CAD
Sept 2022-Aug 2024 Co-Principal Investigator	Psychology of Athletic Cardiovascular Evaluations (PACE): Development of a digital workflow model to advance compassionate care and provide support to athletes undergoing cardiovascular preparticipation screening https://www.ams-inc.on.ca/project/developing-a-digital-workflow-model-to-o-advance-compassionate-care-and-provide-support-to-athletes-undergoing-cardiovascular-preparticipation-screening/ <i>AMS Healthcare Compassion and Artificial Intelligence Small Grant</i> <u>Co-Principal Investigator:</u> Grubic N, Johri AM <u>Collaborators:</u> Hill B, Thornton JS, Mihaljlovic V \$20,000 CAD
July 2021-July 2022 Co-Applicant	Accelerated Remote Consultation Tele-POCUS in Cardiopulmonary Assessment (ARCTICA) <i>Canadian Institutes of Health Research Project Grant</i> <u>Principal Investigators:</u> Johri AM, Chow CM, Jelic T, Luong C, Ma I, Mashari A, Mulvagh S, Nesbitt G <u>Co-Applicants:</u> Grubic N, Gauthier S, Kiamanesh O, Montague SM \$150,000 CAD
May 2020-Sept 2020 Co-Investigator	Accelerated Remote Cardiopulmonary Tele-POCUS by Augmented Intelligence in COVID-19 Assessment <i>Canadian Cardiovascular Society COVID-19 Challenge for Canada Initiative</i> <u>Principal Investigators:</u> Durbin J, Mulvagh S, Kiamanesh O, Johri AM <u>Co-Investigators:</u> Grubic N, Manian U, Luksun W, Montague S, Smith C, Hussein M, Norman R \$45,000 CAD
May 2019-Apr 2020 Co-Applicant	Canadian Cardiovascular Society Sport Group Mobilization Event: A Planning Meeting to Collaborate, Identify Barriers, and Build National Solutions for the Cardiovascular Screening and Care of Athletes Program <i>Canadian Institutes of Health Research Planning and Dissemination Grant</i> <u>Principal Applicant:</u> Johri AM <u>Co-Applicants:</u> Grubic N, Dorian P, Pipe A \$15,000 CAD

Apr 2019-May 2021 Implementation of Canada's First Cardiovascular Screening and Care of Athletes Program.
Co-Investigator *Southeastern Ontario Academic Medical Organization Innovation Fund*
Co-Principal Investigators: Johri AM, Pipe A
Co-Investigators: **Grubic N**, O'Connor M, Graham K
\$50,000 CAD

RESEARCH-SPECIFIC HONOURS, AWARDS, & SCHOLARSHIPS

Aug 2026	Have a Heart Travel Award <i>Canadian Cardiovascular Foundation</i> \$1,000 CAD
May 2026	Student Presentation Award <i>17th INRICH Workshop (Hamilton, 2026)</i> \$170 CAD
Feb 2026	Emerging Scholar Award <i>Canadian Research Data Centre Network (CRDCN)</i> \$1,200 CAD
Oct 2025-Mar 2026	Canada Graduate Scholarships – Michael Smith Foreign Study Supplements (CGS-MSFSS) <i>Canadian Institutes of Health Research, Government of Canada</i> \$6,000 CAD
Oct 2025-Mar 2026	Globalink Research Award <i>Mitacs</i> \$6,000 CAD
Oct 2025-Mar 2026	University of Fribourg Foreign Doctoral Exchange Scholarship <i>University of Fribourg</i> F9,500 CHF (\$15,870 CAD)
Aug 2025	Public Health Sciences Conference Travel Award <i>Dalla Lana School of Public Health, University of Toronto</i> \$320 CAD
Jan 2025	Adel S. Sedra Distinguished Graduate Award Finalist <i>School of Graduate Studies, University of Toronto</i> \$1,000 CAD • Selected as 1 of 3 finalists for the Adel S. Sedra Graduate Award • Recognized as a University of Toronto Alumni Association Scholar
Sept 2024	School of Graduate Studies Conference Award <i>School of Graduate Studies, University of Toronto</i> \$1,150 CAD

Sept 2024-Aug 2027	Doctoral Research Award: Canada Graduate Scholarship [Declined] <i>Canadian Institutes of Health Research, Government of Canada</i> \$120,000 CAD (\$40,000 CAD/year for 3 years) - Ranked 2nd out of 395 submitted applications (percentile rank = 0.51%) - Declined award offer due to acceptance of Vanier Canada Graduate Scholarship
Sept 2024-Aug 2027	Vanier Canada Graduate Scholarship <i>Canadian Institutes of Health Research, Government of Canada</i> \$150,000 CAD (\$50,000 CAD/year for 3 years) Ranked in top 10% of applicants forwarded to national competition (16/188)
Sept 2024-Oct 2025	Lloyd Carr-Harris PhD Scholarship <i>Unity Health Toronto - St. Michael's Hospital</i> \$20,000 CAD Awarded 1 of 4 scholarships among 46 applicants
Sept 2023	Travel Award (for CANet Expert Knowledge Exchange) <i>Cardiovascular Network of Canada</i> Conference registration, travel, and accommodations
Sept 2023-Aug 2024	Queen Elizabeth II Graduate Scholarship in Science & Technology <i>School of Graduate Studies, University of Toronto</i> <i>Ontario Ministry of Advanced Education and Skills Development</i> \$15,000 CAD
Sept 2023-Aug 2024	University of Toronto Fellowship <i>School of Graduate Studies, University of Toronto</i> \$9,000 CAD
Aug 2023	Travel Award (for Vascular 2023) <i>Cardiovascular Network of Canada</i> \$1,500 CAD
Nov 2022	1st Place Poster - General Interest Category (Expert Knowledge Exchange) <i>Cardiovascular Network of Canada</i> \$300 CAD
Sept 2022	Travel Award (for CANet Expert Knowledge Exchange) <i>Cardiovascular Network of Canada</i> Conference registration, travel, and accommodations
Aug 2022	Trainee Publication Award <i>Cardiovascular Network of Canada</i> \$200 CAD
June 2021	Graduate Student Conference Award <i>Department of Public Health Sciences, Queen's University</i> Conference registration

Sept 2020-Aug 2021	Frederick Banting and Charles Best Canada Graduate Scholarship – Master's <i>Canadian Institutes of Health Research, Government of Canada</i> \$17,500 CAD
Aug 2020	Graduate Student Conference Award <i>Department of Public Health Sciences, Queen's University</i> \$250 CAD
Oct 2019	Have a Heart Bursary <i>Canadian Cardiovascular Society Academy</i> Conference registration, travel, and accommodations
Sept 2019-Aug 2020	Queen's University Graduate Award <i>Department of Public Health Sciences, Queen's University</i> \$12,500 CAD

NON-RESEARCH-SPECIFIC HONOURS, SCHOLARSHIPS, & AWARDS

- 2025 King Charles III Coronation Medal
- Awarded on behalf of the Heart and Stroke Foundation for community support and fundraising
- 2019 Retired Teachers of Ontario Scholarship (\$1,500 CAD)
Croatian-Canadian Chamber of Commerce Scholarship (\$2,000 CAD)
Dean's Honour List
- 2018 Croatian Fraternal Union of America Scholarship (\$1,000 USD)
Dean's Honour List
Botterell Award (Academic and Athletic Leadership)
- 2017 Croatian Fraternal Union of America Scholarship (\$1,000 USD)
- 2016 Croatian Fraternal Union of America Scholarship (\$1,000 USD)
Dean's Honour List
- 2015 Croatian Fraternal Union of America Scholarship (\$1,000 USD)
Croatian Fraternal Union Lodge 954 Anne Eleyonich Scholarship (\$1,500 CAD)
ROWONTARIO High School Bursary (\$2,500 CAD)
Hamilton Health Sciences Leaders of Tomorrow Scholarship (\$1,000 CAD)
Queen's University Excellence Entrance Scholarship (\$2,000 CAD)

ACADEMIC SERVICE

Ad-hoc Journal Review

Total manuscripts peer-reviewed: 245

Journals: Advances in Medical Sciences, Annals of Medicine, BMJ Open, BMJ Public Health, British Journal of Educational Psychology, British Journal of Sports Medicine, Canadian Journal of Cardiology, Canadian Journal of Cardiology Open, Canadian Journal of Public Health, CJC Pediatric and Congenital Heart Disease, Clinical Cardiology, Computers in Biology and Medicine, Current Psychology, Data, Epidemiology, European Journal of Health Psychology, European Journal of Preventive Cardiology, Frontiers in Sports and Active Living, Healthcare, International Journal of Behavioral Nutrition and Physical Activity (co-review), International Journal of Emergency Medicine, International Journal of Environmental Research and Public Health, International Journal of General Medicine, Journal of Cardiovascular Development and Disease, Journal of Electrocardiology (co-review), Journal of Point-of-Care Ultrasound, Journal of Sports Sciences, Journal of the American Heart Association, Medical Science Monitor, Medicina, Mental Health Review Journal, One Health, Open Access Journal of Sports Medicine, Patient Preference and Adherence, PLOS One, Psychiatry and Clinical Neurosciences, Public Health, Resuscitation Plus, Reviews in Cardiovascular Medicine, SAGE Open, SAGE Open Medicine, Scientific Reports, Social Work in Health Care, and Vascular Health and Risk Management.

Journal Editorial Duties

2021-Present	Canadian Journal of Cardiology • Editorial Board Member (2024-Present) • Trainee Reviewer Board Member (2021-2023)
2024-Present	Canadian Journal of Cardiology Open • Editorial Board Member (2024-Present)
2024-Present	Point-of-care Ultrasound Journal • Associate Editor, Statistics/Research Methods (2024-Present)

Academic Society Committee Involvement

June 2025-Present	<u>Academic Society:</u> Canadian Cardiovascular Society <u>Committee:</u> Journal Advisory Group <u>Position:</u> Member (Trainee Representative) • Analyze and review the current business model for the CCS family of three journals • Examine and advise on maintaining or changing the model for editorial management of the CCS family of three journals • Establish an equitable and transparent process for making any industry standard-related changes to the contracts CCS holds for Editors-in-Chief (EICs) of any/all CCS journals, and/or the addition of other oversight positions within the CCS family of journals • Participate in the recruitment and interview process with EIC candidates in response to the call for journal EICs; review and recommend the preferred candidates
Jan 2025	<u>Academic Society:</u> Society for Epidemiologic Research

	<u>Committee:</u> Society for Epidemiologic Research Scientific Program Planning Committee <u>Position:</u> Abstract Reviewer Reviewed abstracts submitted to the 2025 Society for Epidemiologic Research Annual Meeting.
Sept 2024-Aug 2025	<u>Academic Society:</u> Society for Epidemiological Research <u>Committee:</u> Mentorship Program <u>Position:</u> Coordinator Coordinate a 7-person mentorship group (i.e., schedule meetings, determine topics, assign facilitators).
May 2025-Present	<u>Academic Society:</u> Canadian Cardiovascular Society <u>Committee:</u> CCC Strategic Redesign Committee <u>Position:</u> Trainee Representative - Reimagine the CCC format to deliver greater value, engagement, and innovation. - Strengthen CCC's position as the premier cardiovascular event in Canada. - Develop a financially sustainable business model that supports CCS's broader mission. - Align CCC with evolving industry standards, audience expectations, and partner needs.
Feb 2023-Present	<u>Academic Society:</u> Canadian Cardiovascular Society <u>Committee:</u> Trainee Committee <u>Positions:</u> Journals Trainee Representative, Research Working Group, Communications Working Group, Program Evaluation Representative - Co-led the development of a trainee needs assessment that was disseminated to cardiovascular trainees across Canada in 2024 (published in the Canadian Journal of Cardiology). - Co-led the development of a trainee job survey that was disseminated to cardiovascular trainees across Canada in 2025 (published in the Canadian Journal of Cardiology). - Led the planning and organization of a trainee research methods lecture series for the Canadian Cardiovascular Society. - Supported the development of a trainee networking series hosted on a virtual platform.
May 2021-Present	<u>Academic Society:</u> Canadian Cardiovascular Society <u>Committee:</u> Canadian Cardiovascular Congress Scientific Program Planning Committee <u>Position:</u> Abstract Reviewer Reviewed abstracts submitted to the 2021, 2022, 2024, 2025, and 2026 Canadian Cardiovascular Congress.
Mar 2022-Oct 2022	<u>Academic Society:</u> Canadian Cardiovascular Society <u>Committee:</u> Trainee Program Planning Committee <u>Position:</u> Research Track Co-Lead Lead research track and develop trainee sessions/workshops for the research stream at the 2022 Canadian Cardiovascular Congress (Ottawa, ON).

Jan 2020-Mar 2022 Academic Society: Canadian Cardiovascular Society
Committee: Trainee Program Planning Committee
Position: Member

- Lead and develop trainee sessions/workshops for the research stream at the 2020 Canadian Cardiovascular Congress (virtual) and 2021 Canadian Cardiovascular Congress (virtual).

Award & Grant Review

2024 Ontario Health System Quality and Innovation Awards

PUBLICATIONS

Supervised students are underlined

First Author & Senior Author Publications (n=35)

1. **Grubic N**, Carsley S, Siddiqi A, Carmeli C, Maximova K. Income Inequalities in Cardiovascular Health Among Children and Adolescents Compared to Young and Middle-Aged Adults in Canada: A Nationwide Trend Analysis, 2007-2019. *Social Science & Medicine*. 2026;406:119630. <https://doi.org/10.1016/j.socscimed.2026.119630>.
2. **Grubic N***, Ge E* (*Co-first authors), Zang Z, Campitelli MA, Golding H, Cisse T, Koh M, Lavigne E, Batomen B, Liu J, Wei X. Association between air temperature and COVID-19 emergency department visits in Ontario, Canada: A population-based case-crossover study. *International Journal of Hygiene and Environmental Health*. 2026;276:114856. <https://doi.org/10.1016/j.ijheh.2026.114856>.
3. **Grubic N**, Johnston A, Grandi SM. Probabilistic Quantitative Bias Analysis for Misclassification and Uncontrolled Confounding: A Methodological Tutorial Using Real-World Data. *Canadian Journal of Cardiology*. 2025;42(6):1268-1276. <https://doi.org/10.1016/j.cjca.2025.12.016>.
4. **Grubic N***, Randhawa V* (*Co-first authors), Cotie LJ, Colella TJF, Banks L. Beyond "one-size-fits-all": Re-thinking methods and data reporting to advance intersectionality in cardiovascular health research. *Canadian Journal of Cardiology Open*. 2026;8(1):65-68. <https://doi.org/10.1016/j.cjco.2025.10.001>.
5. **Grubic N**, Maximova K, Chiolero A, Siddiqi A, Carsley S, Batomen B, Harris KM, Carmeli C. Reducing socioeconomic inequalities in adult cardiovascular disease risk by targeting unhealthy movement behaviours during adolescence: A protocol. *Canadian Journal of Cardiology Open*. 2025;7(11):1495-1506. <https://doi.org/10.1016/j.cjco.2025.08.002>.
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Manuscripts In Submission (n=8)

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2. **Grubic N**, Carmeli C, Siddiqi A, Blakely T, Maximova K. Extending Compass Plots to Visualize Uncertainty for Trends in Health Inequalities. *Annals of Epidemiology*.
3. Dabravolskaj J, **Grubic N**, Veugelers PJ, Maximova K. Screen-based activities and mental health among elementary school children in Canada: a cross-sectional study. *Social Psychiatry and Psychiatric Epidemiology*.
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5. Perinatal Outcomes Among Francophone Sub-Saharan African and Caribbean Immigrants in Ontario: A Retrospective Population-Based Cohort Study (2010-2020). Bouraleh SM, Waiss M, Ngwaka N, Nahban P, Sehabi Y, Niyonambaza S, **Grubic N**, Batista R, Chomienne MH. *Canadian Medical Association Journal*.
6. **Grubic N**, Dabravolskaj J, Veugelers PJ, Maximova K. Sociodemographic patterns of contemporary screen use modalities among Canadian school-aged children: a cross-sectional study. *Preventing Chronic Disease*.
7. Dabravolskaj J, **Grubic N**, Veugelers PJ, Maximova K. Same data, different conclusions: How energy adjustment choices shape interpretations in meal-based research. *Public Health Nutrition*.
8. Alkadri J, Audoin SD, McDonald B, **Grubic N**, McIsaac DI. Association between delayed ICU admission and outcomes in patients with frailty undergoing emergency general surgery. *British Journal of Anaesthesia*.

ABSTRACTS & PRESENTATIONS

* Indicates that I was the primary presenter

Abstracts Presented at Scientific Meetings, Peer Reviewed

- 2026 ***Grubic N**, Dabravolskaj J, Veugelers PJ, Maximova K. Sociodemographic correlates of screen-based activities among Canadian school-aged children: a cross-sectional study (Oral Presentation). *2026 Canadian Society of Epidemiology and Biostatistics Virtual Conference*. June 16, 2026.
- Dabravolskaj J, ***Grubic N**, Veugelers PJ, Maximova K. Social gradient in activity-specific screen use by family affluence: cross-sectional study among Canadian school-aged children (Oral Presentation). *17th Annual INRICH Workshop*. May 26, 2026.
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- 2025 ***Grubic N**, Maximova K, Chiolo C, Carmeli C. Causal decomposition to evaluate movement behaviour changes on cardiovascular health inequalities (Oral Presentation). *European Public Health Conference 2025*. November 11-14, 2025.
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- Non-linear Models (Oral Presentation). *Joint Annual Meeting of the International Society of Exposure Science and the International Society for Environmental Epidemiology*. August 20, 2025.
- Ge E, Yu C, Lavigne E, **Grubic N**, To T, Villeneuve P, Brook J, Lou W, Liu X, Li L, Lu Z. Early-life Greenness Exposure and Childhood Asthma and Allergic Rhinitis: Findings from An Ontario Birth Cohort (Oral Presentation). *Joint Annual Meeting of the International Society of Exposure Science and the International Society for Environmental Epidemiology*. August 19, 2025.
- Dabravolskaj J, **Grubic N**, Veugelers PJ, Maximova K. Adjusting for meal caloric intake vs. density to assess the quality of specific meals: implications for meal-based nutritional analyses (Oral Presentation). *Canadian Society of Epidemiology and Biostatistics Conference*. August 11-13, 2025.
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- Grubic N**, Dabravolskaj J, Veugelers PJ, Maximova K. Dietary intake and quality of school meals among Canadian school-aged children: A hierarchical analysis of meal-based dietary data (Poster Presentation). *Canadian Society of Epidemiology and Biostatistics Conference*. August 11-13, 2025.
<https://cseb.ca/wp-content/uploads/2025/09/Book-of-abstracts-posters-2025.pdf>
- Dabravolskaj J, **Grubic N**, Veugelers PJ, Maximova K. The impact of School Food Programs on inequalities in diet quality of elementary school children in Alberta, Canada (Poster Presentation). *Canadian Nutrition Society Conference*. May 8-10, 2025.
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- ***Grubic N**, Nihal S, Jelic T, Montague SJ, Aleksova N, Ma I, Belliveau DJ, Kolbenson L, Kanyuka Z, Mulvagh SL, Johri AM. Training non-expert users in cardiopulmonary point-of-care ultrasound using a longitudinal virtual curriculum and tele-consultation model: A multicentre study across Canada (Poster Presentation). *Canadian Society of Echocardiography Echo Weekend*. May 1-3, 2025.
- Chronis L, Hill B, Guzman Caballero L, **Grubic N**, Hetu MF, Durbin J, Johri AM. The New York Heart Association Classification Underestimates Eligibility for Therapeutic Treatments in Cardiomyopathy and Heart Failure Patients (Poster Presentation). *American College of Cardiology Scientific Sessions*. March 29-31, 2025.
[https://doi.org/10.1016/S0735-1097\(25\)01964-3](https://doi.org/10.1016/S0735-1097(25)01964-3).
- 2024 ***Grubic N**, Fraser M, Ford MK, Hill B, Mantella LE, Mihajlovic V, Bennett R, Thornton JS, Syan R, Johri AM. Psychological reactions, perceptions, and opinions of cardiovascular pre-participation screening: A mixed-methods study of young Canadian athletes (Poster Presentation). *Canadian Cardiovascular Congress*. October 24-27, 2024. [https://onlinecjc.ca/article/S0828-282X\(24\)00799-2/abstract](https://onlinecjc.ca/article/S0828-282X(24)00799-2/abstract).
- ***Grubic N**, Allan KS, Lin S, Ghamarian E, Dorian P. Incidence and Outcomes of Out-of-Hospital Cardiac Arrest Patients Admitted to the Hospital: A Population-based Cohort Study in Canada from 2013 to 2017 (Poster Presentation). *Canadian Cardiovascular Congress*. October 24-27, 2024.
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- ***Grubic N**, Dabravolskaj J, Veugelers PJ, Maximova K. The contribution of school meals to the diet quality of children in Canada: A hierarchical analysis of complex dietary data (Poster Presentation). *World Congress of Epidemiology*. September 24-27, 2024.

- Ge E, Feng H, **Grubic N**, Liu X, Zhang H, Wei X, Zhang K, Luo M, Chen L. Long-term effects of coarse particulate matter and modifications by temperature and relative humidity on all-cause mortality in a MDR-TB cohort (Poster Presentation). *European Respiratory Society Congress*. September 7-11, 2024. <https://doi.org/10.1183/13993003.congress-2024.PA472>.
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- ***Grubic N**, Fraser M, Ford M, Hill B, Mantella L, Mihajlovic V, Bennett R, Thornton JS, Johri AM. Psychological impact and perceptions of cardiovascular pre-participation screening: A mixed-methods study of young Canadian athletes (Poster Presentation). *CASEM-AQMS Sport Medicine Conference*. May 29, 2024. https://journals.lww.com/cjsportsmed/fulltext/2024/05000/2024_casem_poster_abstracts.10.aspx
- ***Grubic N**, Allan KS, Lin S, Ghamarian E, Dorian P. Incidence and Outcomes of Out-of-Hospital Cardiac Arrest Across Canada: A 5-year Population-based Cohort Study (Oral Presentation). *Society for Epidemiologic Research Mid-Year Meeting*. March 4-5, 2024. <https://epiresearch.org/conferences/2024-mid-year-meeting/incidence-and-outcomes-of-out-of-hospital-cardiac-arrest-across-canada-a-5-year-population-based-cohort-study/>
- 2023 ***Grubic N**, Johri AM. Developing Canada's First Centre of Excellence for the Cardiovascular Screening and Care of the Athlete Program (Poster Presentation). *Innovation Fund Showcase 2023: The Future of Academic Medicine*. November 8, 2023. <https://ifpoc.org/2023quality10/>
- Hill B, **Grubic N**, Liblik K, Johri AM. Patient involvement in care, psychosocial outcomes, and quality of life in hypertrophic cardiomyopathy: a pilot study (Poster Presentation). *Cardiovascular Network of Canada Expert Knowledge Exchange*. October 24-25, 2023.
- Fraser M, Hill B, Ford M, Mihajlovic V, Mantella L, Johri AM, **Grubic N**. Psychology of athletic cardiovascular evaluations: The PACE study (Poster Presentation). *Cardiovascular Network of Canada Expert Knowledge Exchange*. October 24-25, 2023.
- ***Grubic N**, Hill B, Allan KS, Maximova K, Banack HR, Del Rios M, Johri AM. Mediators of the association between socioeconomic status and survival after out-of-hospital cardiac arrest (Poster Presentation). *Cardiovascular Network of Canada Expert Knowledge Exchange*. October 24-25, 2023.
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- ***Grubic N**, Allan KS, Drezner JA, Hill B, Johri AM. Public Emotions and Opinions Following the Sudden Cardiac Arrest of a Young Athlete During a Professional Sport Event: A Twitter-based Sentiment Analysis (Poster Presentation). *Society for Epidemiologic Research Mid-Year Meeting*. February 27-March 3, 2023. <https://epiresearch.org/wp-content/uploads/2023/02/2023-Virtual-Poster-Session-Abstract-Book.pdf>.
- Rubens F, Fremes SF, **Grubic N**, Fergusson D, Taljaard M, van Walraven C. Outcomes following Coronary Artery Bypass Grafting with Multiple Arterial Grafting by Pump Status in Men and Women (Poster Presentation). *American Association for Thoracic Surgery Annual Meeting 2023*. May 6-9, 2023.
- Bush SH, Qureshi D, **Grubic N**, Maxwell C, Casey G, Isenberg SR, Tanuseputro P, Webber C. The influence of place of care and disease trajectory on burdensome transitions at the end of life: a population-based retrospective cohort study (Poster Presentation). *European Association for Palliative Care World Congress 2023*. June 15-17, 2023.
- Cui E, Kersche G, **Grubic N**, Hetu MF, Pang SC, Sillesen H, Johri AM. Effect of pharmacologic anti-atherosclerotic therapy on carotid intraplaque neovascularization: A systematic review. *American College of Cardiology 2022 Annual Scientific Sessions*. March 4-6, 2023. [https://doi.org/10.1016/S0735-1097\(23\)01904-6](https://doi.org/10.1016/S0735-1097(23)01904-6).
- 2022 ***Grubic N**, Hill B, Allan KS, Johri AM, Brooks SC. Improving community response to out-of-hospital cardiac arrest in low-resource settings: A scoping review (Poster Presentation). *CANet Expert Knowledge Exchange*. November 17-18, 2022.
*1st Place Poster (General Interest Category) at the 2022 CANet Expert Knowledge
- Hill B, **Grubic N**, Williamson M, Phelan D, Baggish A, Dorian P, Drezner JA, Johri AM. Does cardiovascular preparticipation screening cause psychological distress in athletes: A systematic review (Poster Presentation). *CANet Expert Knowledge Exchange*. November 17-18, 2022.
- Wang TF, **Grubic N**, Tanuseputro P, Sood MM. Risk of Venous Thromboembolism or Hemorrhage Among Individuals with Chronic Kidney Disease Taking Oral Anticoagulant Compared to Low-Molecular-Weight Heparin after a Hip or Knee Arthroplasty (Oral Presentation). *American Society of Hematology Annual Meeting and Exposition*. December 10-13, 2022. <https://doi.org/10.1182/blood-2022-162551>.
- Corneil H, Liblik K, Varghese SS, Masotti B, Moulson N, McKinney J, Allan KS, Johri AM, **Grubic N**. Shared Decision-making In Athletes Diagnosed With A Cardiovascular Condition: A Scoping Review (Poster Presentation). *American Heart Association Scientific Sessions 2022*. November 5-6, 2022. https://www.ahajournals.org/doi/10.1161/circ.146.suppl_1.10977
- *Williamson M, **Grubic N**, Johri AM. Community-to-institution Cardiovascular Screening: Validation of an Electrocardiogram Workflow Model (Poster Presentation). *Canadian Cardiovascular Congress 2022*. October 27-30, 2022. <https://doi.org/10.1016/j.cjca.2022.08.078>
- Harasemiw O, Nayak JG, **Grubic N**, Ferguson T, Sood MM, Tangri N. A predictive model for kidney failure after nephrectomy for localized kidney cancer: The Kidney Cancer Risk Equation (Poster Presentation). *American Society of Nephrology Kidney Week*. November 3-6, 2022.

<https://www.asn-online.org/education/kidneyweek/2022/program-abstract.aspx?controllid=3764399>.

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- 2021 Belliveau DJ, **Grubic N**, Nihal S, Herr JE, Lam J, Wong S, Gauthier S, Montague SJ, Johri AM. Enhancing Cardiopulmonary Imaging Access to a First Nations Care Setting using Point-of-care Ultrasound and Remote Live-streaming (Poster Presentation). *Canadian Cardiovascular Congress 2021*. October 20-23, 2021. [https://www.onlinecjc.ca/article/S0828-282X\(21\)00477-3/fulltext](https://www.onlinecjc.ca/article/S0828-282X(21)00477-3/fulltext).

***Grubic N**, Peng Y, Walker M, Brooks SC. Bystander cardiopulmonary resuscitation and automated external defibrillator use after out-of-hospital cardiac arrest: uncovering differences in care and survival across the urban-rural spectrum (Poster Presentation). *European Society of Cardiology Congress 2021*. August 27-30, 2021. <https://doi.org/10.1093/eurheartj/ehab724.0659>.

***Grubic N**, Hill B, Phelan D, Baggish A, Dorian P, Johri AM. The role of bystander-initiated basic life support in exercise-related sudden cardiac arrest: a systematic review (Poster Presentation). *European Society of Cardiology Congress 2021*. August 27-30, 2021. <https://doi.org/10.1093/eurheartj/ehab724.0653>.

Wong S, Nihal S, Wu L, Ocran E, Cenkowski M, **Grubic N**, Pang S, Johri AM. Point-of-Care Ultrasound Teaching to Medical Students during a Pandemic: Conventional and Virtual Teaching (Poster Presentation). *American Society of Echocardiography Scientific Sessions 2021*. June 18-22, 2021. <https://doi.org/10.1016/j.echo.2021.04.012>.

***Grubic N**, Nihal S, Herr J, Lam J, Wong S, Belliveau D, Gauthier S, Montague S, Johri AM. Accelerated Remote Consultation by Tele-POCUS in Cardiopulmonary Assessment (ARCTICA): A Proof-of-Concept Study (Poster Presentation). *American Society of Echocardiography Scientific Sessions 2021* (ePoster Presentation). June 18-22, 2021. <https://doi.org/10.1016/j.echo.2021.04.012>. <https://youtu.be/128UlgLhVE0>

***Grubic N**, Hill B, Baggish A, Dorian P, Phelan D, Johri AM. The role of bystander-initiated basic life support in exercise-related sudden cardiac arrest: A systematic review (Oral Presentation). *Department of Emergency Medicine RJ Brison Research Day 2021*. April 1, 2021. <https://youtu.be/M4c1WjA5BwU>.

***Grubic N**, Peng YP, Walker M, Brooks SC. Bystander-initiated cardiopulmonary resuscitation and defibrillation after out-of-hospital cardiac arrest: Uncovering disparities in care and survival across the urban-rural spectrum (Oral Presentation). *Department of Emergency Medicine RJ Brison Research Day 2021*. April 1, 2021. <https://youtu.be/JITLIIO-Xws>.

Hill B, **Grubic N**, Baggish A, Dorian P, Phelan D, Johri AM. The role of bystander-initiated basic life support in exercise- and sports-related sudden cardiac arrest: A systematic review (Oral Presentation). *Inquiry@Queen's Undergraduate Research Conference*. February 12, 2021. <https://doi.org/10.24908/iqurcp.14582>.

- ***Grubic N**, Peng YP, Walker M, Brooks SC. Bystander-initiated cardiopulmonary resuscitation and defibrillation after out-of-hospital cardiac arrest: Uncovering disparities in care and survival across the urban-rural spectrum (Oral Presentation). *Ottawa Student Emergency Medicine Conference 2021*. January 16, 2021. <https://youtu.be/E34XinPQHpM>.
- 2020 ***Grubic N**, Leaman P, Salata C, Snetsinger B, Johri AM. Feasibility and Comparison of Pulmonary Pressure Estimation Techniques in Doppler Exercise Echocardiography (Poster Presentation). *American Society of Echocardiography Scientific Sessions 2020*. August 10, 2020. <https://doi.org/10.1016/j.echo.2020.04.015>. <https://youtu.be/-BLVlhBceVM>.
- 2019 ***Grubic N**, Johri AM, Kuljic N, O'Connor M, Graham K, Bennett R, Moulson N. Implementation of Canada's First Cardiovascular Screening and Care of Athletes Program. *Ontario Medical Association SportsMed 2019* (Oral Presentation). January 25th, 2019.

Workshops and Panel Sessions at Scientific Meetings, Peer Reviewed

- 2023 ***Grubic N (Panel Presenter)**, Randhawa V, Johnston A, Avram R, Goodman S, Humphries K, Zieroth S, Johri A, Perry R, Banack H, Allan K. Heart of the Matter: Unravelling and Overcoming "Bias" in Cardiovascular Research (Workshop). *Vascular 2023*. October 26, 2023.
- 2021 ***Grubic N (Panel Presenter)**, Johri AM, Nihal S, Davies R, Kilabuk E, De Wit F. Challenges and Solutions for Delivering Cardiac Care in the North (Workshop). *Canadian Cardiovascular Congress 2021*. October 22, 2021. <https://www.youtube.com/watch?v=8h1O8RkivJk>.
- 2019 ***Grubic N (Panel Presenter)**, Johri AM, McKinney J, Poirier P, Philipon F, Cases MR, Dorian P, Moulson F, Fournier A. Shared Decision Making is the New Paradigm Towards Screening and Care of the Athlete: A Case Based Translation of the CCS/CHRS Joint Position Statement (Workshop). *Canadian Cardiovascular Congress 2019*. October 25, 2019.

Invited Presentations at Scientific Meetings

- 2025 ***Grubic (Panel Presenter)**, Mantella LE, Perry R, Berbach L, Beaulieu J, Hatami S, Janzen M. Winning Scholarships: Crafting a Compelling Proposal for Success (Panel Presentation). *Canadian Cardiovascular Congress 2025*. October 23, 2025.
- 2024 ***Grubic N (Panel Presenter)**, Krahn AD, Marquis-Gravel G, Belley-Cote EP, Cui E, Hill B, Sadasivan C, Yim J. Getting to the Heart of Being a Successful Cardiovascular Research (Panel Presentation). *Canadian Cardiovascular Congress 2024*. October 24, 2024.
- 2022 ***Grubic N**. Remote Support Interventions to Improve Access to Ultrasound Services in Remote Communities: Barriers, Achievements, and Future Directions (Oral Presentation). *2022 Toronto Perioperative Echo Symposium*. October 30, 2022. <https://youtu.be/Bit7tGUEHjk>

- 2019 ***Grubic N.** Canada's First Center of Excellence: Implementation and Development of the CSCAP at Queen's University (Oral Presentation). *Canadian Heart Rhythm Society Annual General Meeting 2019*. September 14, 2019.

Other Presentations at Scientific Meetings

- 2021 ***Grubic N.** The Bystander Response: Cardiac Arrest and Pre-Hospital Care Along the Urban-Rural Spectrum (Oral Presentation). *Queen's University 3-Minute Thesis (3MT)*. March 18, 2021. https://youtu.be/gODt_0UpmEo.
- 2019 ***Grubic N**, Johri AM, Kuljic N, O'Connor M, Graham K, Bennet R, Moulson N. Implementation of Canada's First Cardiovascular Screening and Care of Athletes Program (Oral Presentation). *Community and Athletic Cardiovascular Health Consortium*. October 5, 2019. <https://youtu.be/17Zqq9QJajk>.
- ***Grubic N**, Leaman P, Salata C, Snetsinger B, Johri AM. Stress Echocardiography for Pulmonary Hemodynamic Assessment (SEPHA) (Poster Presentation). *Queen's University Life Sciences Research Poster Day*. March 29, 2019.

Moderation or Chairing of Sessions at Scientific Meetings

- 2026 **Grubic N**, Anderson LN. CONCURRENT SESSIONS C5: Nutrition, Physical Activity & Obesity (Research Panel Presentation). *2026 Canadian Society of Epidemiology and Biostatistics Virtual Conference*. June 17, 2026.
- 2025 **Grubic N**, Vaka R, Anand S, Mulvihill E, Stewart D, Adreak N, Banks L, Goodman S, Johnston A, Singer Z. From Molecules to Millions: Bridging the Continuum of Basic Science, Clinical Care, and Population Health in Cardiovascular Research (Workshop). *Canadian Cardiovascular Congress 2025*. October 23, 2025.
- 2022 **Grubic N**, Vervoort D, Clarke B, Sun L, Van Spall H. From Bedside to Back Home: The Role of Cardiovascular Health Services Research To Improve Patient and Population Health. *Canadian Cardiovascular Congress 2022*. October 27, 2022.
- 2021 **Grubic N**, Hatami S, Al-Khalaf M, Edwards J, Kaul P. Epidemiological and Basic Science Research in Cardiovascular Sciences. *Canadian Cardiovascular Congress 2021*. October 22, 2021.
- Grubic, N.** Multidisciplinarity, Collaboration, and Working Beyond Boundaries During the COVID-19 Pandemic. *Scholarship Beyond Boundaries Conference – Keynote Panel*. March 21, 2021.
- 2020 **Grubic N**, Boczar K, Yang L, Ezekowitz J, Tsuyuki R, Edwards J. Epidemiology and Statistics in Cardiovascular Research. *Canadian Cardiovascular Congress 2020*. October 24, 2020.
- Grubic N**, Nguyen Q, Harriman ME, Pickering G, Taylor K, West L, Lopaschuk G. Grant Writing Workshop. *Canadian Cardiovascular Congress 2020*. October 24, 2020.

VOLUNTEER & EXTRACURRICULAR EXPERIENCE

Sept 2023-Present	Curriculum Committee of the Division of Epidemiology <u>Position:</u> PhD Epidemiology Student Representative • Provide oversight on the Division of Epidemiology's curriculum by ensuring that the curriculum is designed, managed, evaluated, and revised in a coherent and coordinated fashion. • Ensure the educational objectives of the programs within the Division of Epidemiology are being achieved. • Ensure that the interests of the epidemiology curriculum and programs are represented in the management and governance of the Dalla Lana School of Public Health (DLSPH).
Dec 2023-Present	Heart & Stroke Young Leaders Committee <u>Position:</u> Lead (Sponsorship) <u>Position:</u> Member (Community Outreach) • Collaborate with a passionate group of philanthropists to connect young professionals to help shape the future of the Heart & Stroke Foundation. • Host community events that focus on the prevention of cardiovascular disease, cardiovascular health, and support life-saving research.
Sept 2023-Present	Doctoral Students in Epidemiology (DELTA) Association <u>Position:</u> First-year Representative <u>Position:</u> Education Committee • Collaborate with a group of students in the PhD program at the Dalla Lana School of Public Health to host educational, social, and networking events.
June 2023-Mar 2024	Nyack High School Science Research Program <u>Position:</u> Mentor • Work with and mentor a high school student in the conduct of an independent scientific research project.
Sept 2019-Present	Queen's University Rowing <u>Position:</u> Alumni Representative • Manage alumni relations, assist in quarterly alumni newsletter development, and plan/organize logistics of annual end-of-year galas/banquets.
Sept 2022-Aug 2023	Croatoan Ottawa Croatian Folklore Group <u>Position:</u> Member • Play and sing traditional Croatian folklore songs with the Senior Group; travel across Canada to various cultural festivals to perform.
May 2023	Ottawa Race Weekend <u>Position:</u> Volunteer • Work with a team of volunteers to support the Ottawa Race Weekend
Apr 2023-Aug 2023	Ottawa Rowing Club <u>Position:</u> Assistant Coach

- Provide coaching assistance for the U23 and Senior Men's Rowing Team.
- Aug 2022-Aug 2023 Ausome Ottawa
Position: Volunteer
- Assist with planning and running of activities/sporting events for children with autism.
- Sept 2022-Nov 2022 Kingston Rowing Club 45th Anniversary Banquet
Position: Planning Committee Member & MC
- Planned logistics and schedule for the Kingston Rowing Club 45th Anniversary Banquet; served as MC for the event.
- Jan 2021-Aug 2021 Queen's University Rowing Team
Position: Volunteer Assistant Coach
- Assist with training and management of the 2020-2021 Queen's University Rowing team season.
- May 2020-Aug 2021 Racial Considerations in Epidemiology (RaCE) Task Force
Position: Founding Member
- Collaborated with a group of students to develop an active educational module on racial considerations when planning, conducting, and reporting research in epidemiology.
- Sept 2020-May 2021 Point-of-care Ultrasound Medical Education Research Team
Position: Volunteer
- Assist in research study (data collection and manuscript writing) and teach/train undergraduate medical students on the utility of point-of-care ultrasound.
- Sept 2019-Aug 2021 Kingston Gets Active
Position: Volunteer Physical Activity Ambassador
- Attend local events and fairs to promote physical activity amongst children, youth, adults, and seniors.
- Sept 2019-Aug 2021 Queen's University Triathlon
Position: Varsity Athlete
- Honours: Academic All-Star (2020, 2021), Most Valuable Player (2020).
 - Notable Achievements: University of Toronto Swim Row Go Silver Medallist (2019), Multi-Sport Canada Wasaga Beach Olympic Triathlon Gold Medallist (2019), Multi-Sport Canada Welland Short Course Triathlon Silver Medallist (2019), Multi-Sport Canada Kingston Long-Course Triathlon Silver Medallist (2019).
- Sept 2019-Aug 2021 Science to Business Network (Queen's University Chapter)
Position: Sponsorship Director
- Organize sponsorship agreements, maintain sponsor relations, and assist in event planning.
 - Plan and moderate virtual events.

May 2019	Science Rendezvous <u>Position:</u> Volunteer • Demonstrate point-of-care ultrasound to children and families during a local STEM event (https://youtu.be/ibXYr4ap6rM).
Mar 2019	Motionball Marathon of Sport <u>Position:</u> Event Volunteer • Help to run a local athletic event for Special Olympics athletes.
Nov 2019	Queen's University Life Sciences Post-Undergraduate Information Night <u>Position:</u> Panellist • Participated in a panel discussion discussing opportunities for undergraduate Life Sciences students following graduation.
May 2018-Apr 2019	Queen's University Life Sciences Departmental Student Council <u>Position:</u> Treasurer • Manage budget, finances for events, sponsorship agreements/contracts, and assist in event planning.
Sept 2018-Apr 2019	Queen's Science Undergraduate Research Journal (QSURJ) <u>Position:</u> Managing Editor • Coordinate team tasks, review submissions, and curate journal content.
Sept 2016-Apr 2019	Athlete Services (Queen's University) <u>Position:</u> Peer Tutor • Mentor and provide aid to student athletes through a peer academic support program.
Sept 2015-Apr 2019	Queen's University Rowing <u>Position:</u> Varsity Athlete • Honours: Athletic All-Canadian (2019), Botterell Award (2017), OUA Academic All-Star (2016, 2018, 2019), Most Valuable Player (2018), Rookie of the Year (2016), Ontario Athlete Assistance Program (2015, 2016, 2017, 2018). • Notable Accomplishments: Canadian University Championships Gold Medallist (2017, 2018), Ontario University Association Rowing Championships Gold Medallist (2017, 2018), Canadian University Rowing Indoor Championships Gold Medallist (2018), Royal Canadian Henley Champion (2018), Canadian University Rowing Championships Silver Medallist (2017), Canadian University Rowing Championships Bronze Medallist (2016).
May 2018	Science Rendezvous <u>Position:</u> Event Volunteer • Demonstrated heart origami to children and families during a local STEM event.
Sept 2017-Apr 2018	Queen's University Life Sciences Prospective Student Facilitator Committee <u>Position:</u> Volunteer

- Attended university fairs and open houses to educate prospective students and parents on the Queen's University Life Sciences Program.
- Sept 2017-Apr 2018 Queen's University Rowing Executive Committee
Position: Alumni Relations
- Managed alumni relations and fundraising endeavours.
- Sept 2017-Apr 2018 Queen's Science Undergraduate Research Journal (QSURJ)
Position: Marketing Manager
- Organized advertising, promotional material, and call for submissions.
- Oct 2017 CIBC Run for the Cure
Position: Participant
- Fundraised and ran a 5km run to support cancer awareness and research.
- Sept 2017 Residence Move-in Day
Position: Event Volunteer
- Assisted first-year students and families in moving into their residence on campus.
- Apr 2017-Aug 2017 Canada Summer Games Team Ontario Rowing
Position: Athlete
- Notable Achievements: 1st Place in Lightweight Men's 4-, 2nd Place in Heavyweight Men's 4-
- Oct 2016 CIBC Run for the Cure
Position: Participant
- Fundraised and ran a 5km run to support cancer awareness and research.
- Sept 2016-Apr 2017 Queen's University Rowing Executive Committee
Position: Social Representative
- Planned and ran teambuilding and social activities.
- Sept 2016 Residence Move-in Day
Position: Event Volunteer
- Assisted first-year students and families in moving into their residence on campus.
- Mar 2015 Dominican Republic Education and Medical Support Humanitarianism Trip
Position: Participant
- Travelled to the Dominican Republic for a week to provide support and aid to an impoverished community.
 - Worked with a team of students/teachers to construct a home.
- Sept 2003-Apr 2013 Croatian National Home Folklore Group
Position: Member
- Played, danced, and sang traditional Croatian music with a folklore group in Hamilton, Ontario.

Jun 2011-Aug 2011	Hamilton General Hospital/Hamilton Health Sciences <u>Position:</u> Hospital Assisted with administrative tasks within the department of diagnostic imaging.
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RESOURCES

Racial Considerations in Epidemiological Research Module – Race in Epidemiology (RaCE) Task Force (Member). <https://thephssa.wixsite.com/phssa/general-9-1>.

MEDIA INTERVIEWS & COMMENTS

June 2025	Medscape - Improving 56 Risk Factors Might Avert 40%-63% of Sudden Cardiac Arrests. https://www.medscape.com/viewarticle/improving-56-risk-factors-might-avert-40-63-sudden-cardiac-2025a1000f2v.
September 2024	Fox 26 Houston Morning Show - Mobile phone use and cardiovascular disease. https://youtu.be/l-LETFY_clc?si=2gShvEXT1qBCtXhg.
September 2024	Medscape - Regular Cell Phone Use Linked to Higher Heart Disease Risk https://www.medscape.com/viewarticle/regular-cell-phone-use-linked-higher-heart-disease-risk-2024a1000g52.
Aug 2021	Invited Podcast Guest – Peep the Process Podcast (Did Sports Change Forever?). https://peeptheprocess.buzzsprout.com/1155302/9023957-did-sports-change-forever.

OTHER PRESENTATIONS & APPEARANCES

Apr 2026	Income Inequalities in Cardiovascular Health Among Children and Adolescents, Young Adults, and Middle-Aged Adults in Canada: A Nationwide Trend Analysis, 2007-2019. <i>CRDCN Emerging Scholars Webinar</i>. https://www.youtube.com/watch?v=EWV0E2cYYAo.
Mar 2025	Leveraging Epidemiology Geospatial Data to Promote Population Health Research - Ambient temperature and COVID-19 emergency department visits in Ontario, Canada: A population-based case-crossover study with distributed lag nonlinear models. https://www.dlsph.utoronto.ca/event/leveraging-epidemiological-and-geospatial-data-to-promote-population-health-research/
Feb 2025	PHSA/DELTA Epi Lunch and Learn: Data Sources in Public Health. Speaking on Health Administrative Data and Claims Data.

Nov 2024	CELPHE Meeting - "I wish I had been better prepared": A mixed-methods study of psychological reactions, perceptions, and opinions of cardiovascular pre-participation screening among young competitive athletes.
Oct 2024	Breaking Down Bias: Identifying, Evaluating, and Mitigating Bias in Cardiovascular Research -Canadian Cardiovascular Society Trainee Research Methods Lecture Series https://youtu.be/Xjli-kAIX8o
Jan 2024	CANet CHAT Trainee Feature - Nicholas Grubic. https://canetinc.ca/trainees/member/nicholas-grubic/ .
Aug 2021	Podcast Co-host – Journal of the American Society of Echocardiography Podcast Episode 5 (Echocardiographic Correlates of In-Hospital Death in Patients with Acute COVID-19 Infection: The World Alliance Societies of Echocardiography Study). https://youtu.be/LZ_qi0eITiY .
July 2021	Podcast Co-host – Journal of the American Society of Echocardiography Podcast Episode 5 (Natural History of Moderate Aortic Stenosis with Preserved and Low Ejection Fraction). https://youtu.be/oj9oNDJJPX4 .
May 2021	Moderator – Building Your Best CV: Tips and Tricks for Publishing and Grant Writing. Science to Business Network.
Apr 2021	Moderator – Scientific Writing in Industry: Why You Should Step Up Your Writing Skills. Science to Business Network.
August 2020	Moderator – Cultivating a Career in the Cannabis Industry. Science to Business Network.
February 2019	Implementation of Canada's First Cardiovascular Screening and Care of Athletes (CSCAP) Program. https://youtu.be/d2BQXy8i67g .

NON-ACADEMIC ARTICLES

1. Vasigh N, **Grubic N**. From Anxiety to Assurance: Rethinking Cardiovascular Pre-Participation Screening for Athletes. *British Journal of Sports Medicine Blog*. May 30, 2025.
<https://blogs.bmj.com/bjbm/2025/05/30/from-anxiety-to-assurance-rethinking-cardiovascular-pre-participation-screening-for-athletes/>.
2. Hill B, **Grubic N**, Johri AM. Does cardiovascular preparticipation screening cause psychological distress in athletes? *British Journal of Sports Medicine Blog*. January 16, 2023.
<https://blogs.bmj.com/bjbm/2023/01/16/does-cardiovascular-preparticipation-screening-cause-psychological-distress-in-athletes/>.
3. **Grubic N**, Jain S, Mihajlovic V, Thornton JS, Johri AM. Competing against COVID-19: have we forgotten about student-athletes' mental health? *British Journal of Sports Medicine Blog*. March 18, 2021.
<https://blogs.bmj.com/bjbm/2021/03/18/competing-against-covid-19-have-we-forgotten-about-student-athletes-mental-health/>.

4. **Grubic N.** Stephen Hawking: The Universe Does Not Forget, and Neither Will We. *Queen's Science Undergraduate Research Journal*, 2:23.
<https://ojs.library.queensu.ca/index.php/qsurj/article/view/14012/9199>.

TEACHING EXPERIENCE

Teaching Assistant: Undergraduate-level Courses

- GLPH 471: Advanced Global and Population Health (Queen's University - Winter 2020)
- GLPH 271: Global and Population Health (Queen's University - Winter 2020)

Teaching Assistant: Graduate-level Courses

- EPID 821: Introductory Biostatistics (Queen's University - Fall 2020)
- EPID 804: Intermediate Epidemiology (Queen's University - Winter 2021)

SUPERVISORY & ACADEMIC ADVISORY EXPERIENCE

- Sept 2024-Jan 2025 Anhadh Law (Queen's University BSCh '27)
- Role: Undergraduate research student supervisor
 - Research Accomplishments:
 - Co-author on original article published in the British Journal of Sports Medicine
- May 2024-Aug 2024 John McCleary (Queen's University BSCh '25)
- Role: Undergraduate independent study supervisor
 - Research Accomplishments:
 - Second-author on letter to the editor published in the Canadian Journal of Cardiology
- July 2023-Feb 2024 Mia Gilbert (Nyack High School '25)
- Role: Science research program mentor
- Sept 2023-Apr 2024 Matthew Fraser (Queen's University BSCh '24)
- Role: Undergraduate thesis supervisor
 - Research Accomplishments:
 - Second-author on original article published in the British Journal of Sports Medicine
 - Co-author on letter to the editor published in the Canadian Journal of Cardiology
 - Abstract accepted to 2023 CANet Expert Knowledge Exchange (first-author), 2024 CASEM Annual Symposium, and 2024 Canadian Cardiovascular Congress
 - Position/Academic Program after Graduation:
 - Research Assistant - University of British Columbia (provided reference)

- Sept 2021-Sept 2023 Heidi Corneil (Queen's University BScH '22)
- Role: Undergraduate independent study supervisor
 - Research Accomplishments:
 - o Abstract accepted to the 2022 American Heart Association Scientific Sessions (first-author)
 - o First-author on scoping review published in Current Problems in Cardiology
 - Position/Academic Program after Graduation:
 - o MD - Northern Ontario School of Medicine
- Feb 2021-Aug 2023 Matthew Williamson (Queen's University BScH '22)
- Role: Undergraduate thesis supervisor
 - Accomplishments:
 - o Abstract accepted to the 2022 Canadian Cardiovascular Congress (first-author)
 - o Third-author on systematic review published in the British Journal of Sports Medicine
 - o First-author on original article published in the Journal of Electrocardiography
 - Position/Academic Program after Graduation:
 - o Master of Physiotherapy - Dalhousie University (provided reference)
- Sept 2020-Aug 2023 Braeden Hill (Queen's University BHSc '23)
- Role: Undergraduate research student supervisor.
 - Accomplishments:
 - o Abstracts accepted to the CANet Expert Knowledge Exchange (first-author), American College of Cardiology 2022 Annual Scientific Session (first-author), and Inquiry@Queen's Undergraduate Research Conference (first-author)
 - o First-author on systematic review published in the British Journal of Sports Medicine
 - Position/Academic Program after Graduation:
 - o Research Assistant - Queen's University Department of Medicine
 - o MD/PhD - University of Toronto (provided reference)
- May 2020-May 2021 Shagun Jain (Queen's University BKin '22)
- Role: Research adviser.
 - Accomplishments:
 - o Second-author on editorial published in the British Journal of Sports Medicine
 - Position/Academic Program after Graduation:
 - o MD - McMaster University
- Sept 2019-Oct 2020 Jake Puskas (Queen's University BScH '20)
- Role: Research adviser.
 - Accomplishments:
 - o Second-author on review article published in Current Cardiology Reports

- Position/Academic Program after Graduation:
 - o MSc Biology - Lakehead University (provided reference)

SOFTWARE EXPERIENCE

SAS Statistical Software	iDataFax Data Management Software
SPSS Statistical Software	Microsoft Office
EchoPAC Clinical Workstation Software	Joinpoint Statistical Software
R Statistical Software	Covidence Systematic Review Software
STATA Statistical Software	