

Appendix A: EMS and Paramedic Funding Opportunities

Organization Name	Funding Program	Funding Cycle	Program Details	Funding Range	Restrictions	Other Information	URL	Helpful Hints	Peer-Reviewed
Agency for Healthcare Research and Quality	Advances in Patient Safety through Simulation Research	Annually	Project develops, tests and evaluates various simulation approaches for the purpose of improving the safe delivery of health care - Applications that address a variety of simulation techniques, clinical settings, provider groups, priority populations, patient conditions, and threats to safety are welcomed	>\$100,000	United States applicants only - opportunity for collaboration		http://grants.nih.gov/grants/guide/pa-files/PA-14-004.html		
Alberta Innovates - Health Solutions	Collaborative Research and Innovation Opportunities		Catalyze and support collaborative, interdisciplinary, multi-sectoral and/or multi-institutional research with a focus on achieving solutions that address complex health problems or issues; support areas of research that are aligned with the thematic priority areas; provide opportunities for interdisciplinary research training and mentorship - Three streams: collaborative project (\$250,000 - 3 years) + Collaborative Program (\$500,000 - 5 years) + Collaborative Team (\$1,000,000 - 5 years)		At least one applicant must have an appointment at an Alberta institution; EMS/paramedicine not a direct research priority	No current competitions available	www.aihealthsolutions.ca		Yes
Alberta Innovates - Health Solutions	Knowledge Exchange Grants - Visiting Professorships / Visiting Scientists / Conference Grants		Objectives vary depending on the competition - Funds used to offset travel, accommodations and possibly salary		Must involve an Alberta-based university or scientist/researcher	Application deadlines vary depending on the competition. Visiting professorship (3 months in advance), visiting scientist (March 2014), Conference grant (January 2014)	www.aihealthsolutions.ca		

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Alberta Innovates - Health Solutions	Knowledge-to-Action Grants		Movement of health research and innovation discoveries towards practical applications; support translation of research activities; Knowledge Translation integration - Maximum of \$25,000 for one year; non-renewable	\$10,000 - \$25,000		Principal Investigator must have their primary affiliation with an Alberta-based organization - Heavily focused on knowledge translation; EMS/ paramedicine not directly included in their targeted research ideas	www.aihealthsolutions.ca		
Alberta Innovates - Health Solutions	Partnership for Research and Innovation in the Health System		Support research aligned with priority areas; enable Alberta Health Services to make evidence-informed clinically appropriate changes that eliminate activities that make little or no contribution to positive patient outcomes or to the health system; build relevant applied health research capacity in Alberta - Maximum of \$250,000 per years for up to 3 years	>\$100,000		Principal Investigator must have primary appointment with Alberta-based institution; the Scientific Director of the lead Strategic Clinical Network must endorse the application - Emergency is one of the established strategic clinical networks. Application involves a Letter of Intent (due April 2014) with full application due August 2014. Only those applications who are invited can submit a complete application.	www.aihealthsolutions.ca		Yes

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Alberta Innovates - Health Solutions	Sustainability Funding Opportunity		Provide interim support to productive independent investigators due to the non-renewal of an operating grant - Offers bridge funding for highly rated research opportunity grant renewal that were not funded in the CIHR Open Operating Grants or NSERC Discovery Grant	>\$100,000	Not used to supplement existing grants, cover shortfalls in approved grant support	Only for grants rated as "excellent" by the CIHR/NSERC but were not funded.	www.aihealthsolutions.ca		Yes
Alberta Innovates - Health Solutions	Training and Early Career Development Programs - Graduate studentships / Postgraduate fellowships / Clinician Researcher Training		Focus on research priorities; develop skills; provide mentorship; recognize diversity; integrate knowledge translation			Varies depending on application - EMS/paramedicine not explicitly listed in Alberta's Health Research and Innovation Strategy Areas of Thematic Priority	http://www.aihealthsolutions.ca/grants/training-and-early-career-development-programs/		Yes
Association for Medical Education (AMEE)	Research Grant	Annually	Healthcare professions education to advance knowledge and best practices in education as well as to build a community of scholars working in the field	\$10,000 - \$25,000	Need to be AMEE member or student	Requires letter of intent prior to full application	http://www.amee.org/awards-prizes/research-grant-award-programme		
Association of American Medical Colleges	Group on Educational Affairs (GEA)- National Grant Program	Annually	Educational research grant proposals focuses on addressing innovative advancements in medical education scholarship, research, and evaluation and developing communities of educational scholars. This grant program is established to promote collaborations among GEA sections, GEA regions and/or the health professions	<\$10,000	Must be affiliated with GEA institution	United States funding program - opportunity for collaboration	https://www.aamc.org/members/gea/regions/sgea/awards/66884/sgea_research.html		

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Canadian Association for Health Services and Policy Research	Small Scale Pilot Study for Patient Safety Innovation		A small-scale pilot study seeking to answer the following question: What can we learn from the patient/ client experience at the primary care/ home care interface that will help us improve safety?			Experience in patient safety; PhD (any field) / MD / MSc (health sciences) + associated with university or not-for-profit organization	http://www.cahspr.ca/en/community/funding		
Canadian Diabetes Association	Operating Grant		Projects related to research areas. EMS/Paramedicine not aligned with research priorities			Areas - complications, genetics, obesity, pathophysiology, prevention and management, new treatments. Application currently closed - limited information available	http://www.diabetes.ca		Yes
Canadian Institutes of Health Research	Frederick Banting and Charles Best Canada Graduate Scholarships Doctoral Awards	Annually	To provide recognition and funding to students early in their academic research career, providing them with an opportunity to gain research experience; to provide a reliable supply of highly skilled and qualified researchers	\$25,000 - \$50,000	Must be in graduate school	Full time doctoral research training (>30hr/wk) + must have completed at least 12 months of graduate school (MSc or PhD)	www.researchnet-recherchenet.ca		Yes
Canadian Institutes of Health Research	Fellowships	Annually	To provide recognition and funding to academic researchers early in their career; to provide a reliable supply of highly skilled and qualified researchers	\$25,000 - \$50,000		Full time research commitment (> 30hr/wk) + hold or completing PhD	www.researchnet-recherchenet.ca		Yes

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Canadian Institutes of Health Research	Operating Grant - CIHR Open Operating Grant Program	Varies	To contribute to the creation, dissemination and use of health-related knowledge, and to help develop and maintain Canadian health research capacity, by supporting original, high quality projects or teams/programs of research proposed and conducted by individual researchers or groups of researchers, in all areas of health - Specific research areas have more funding	>\$100,000		Varies - apply as part of a team. Need to have a Principal Investigator - Specific Research Areas - Gender, Sex and Health Research / Knowledge Translation and Exchange / Circulatory and Respiratory Health.	www.researchnet-recherchenet.ca		Yes
Canadian Institutes of Health Research	Institute of Circulatory and Respiratory Health (ICRH) Community Development Program Grant		Catalyze the development and enhance the cohesion of two ICRH communities in stroke diagnosis/treatment/rehabilitation and critical care trials	>\$100,000		Not directly related to paramedicine/EMS. Would require collaborating with critical care / neurology.	www.researchnet-recherchenet.ca		Yes
Canadian Institutes of Health Research	Strategy for Patient-Oriented Research (SPOR) Network in Primary and Integrated Health Care Innovations		Support the creation and further development of formal member networks in provincial, territorial and federal jurisdictions that meet the membership requirements of the SPOR Network in Primary and Integrated Health Care Innovations	>\$100,000		More geared towards primary health care services. However, could be an avenue for community paramedicine	www.researchnet-recherchenet.ca		Yes

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Canadian Institutes of Health Research	CIHR Health Professional Student Research Award		To strengthen patient-oriented research and talent development by providing research training to support students in health professional degree programs leading to licensure in Canada; to help develop the next generation of patient-orientated researchers.	<\$10,000		Principal Investigator must be the Vice President - Research + student must be enrolled in a health professional program leading to licensure - Paramedic education must be completed at a university - province dependent. Examples provided in application included nursing and dental hygiene. Argument could possibly be made for paramedicine.	www.researchnet-recherchenet.ca		
Canadian Patient Safety Institute	Small Scale Pilot Study for Patient Safety Innovation	Once	Pilot study to evaluate a process/tool/resource that can improve patient safety - Primary focus is patient safety	\$25,000 - \$50,000		PhD (any field) / MD / MSc (health science field)	www.patientsafetyinstitute.ca		
Capital Health Research Fund		Annually	Supports research conducted at Capital Health, Nova Scotia, and improve research infrastructure	\$25,000 - \$50,000		Needs to be linked to Capital Health, Nova Scotia	http://www.cdha.nsh.ealth.ca		
Defense Research Development Canada	Centre for Security Science	Annually	Described in the Call for Proposal Guidebook	>\$100,000	As listed in the guidebook which comes out at the time of the call.	Read guidebook to understand investment objectives	http://www.drdc-rddc.gc.ca/en/index.page		Yes
Heart and Stroke Foundation of Canada	Grant-in-Aid	Annually	Operating grants supporting cardiovascular or cerebrovascular research; 4 main research areas - basic biomedical + clinical + health services / systems + social, cultural, environmental and public health			PI must have full-time research career with academic appointment	http://www.hsf.ca/research/en/grants-aid		Yes

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Heart and Stroke Foundation of Canada	Personnel Awards	Annually	Salary support for individuals in cardiovascular / cerebrovascular research	\$50,000 - \$100,000		Demonstrated track record either in graduate / post-doctoral training or previous research competitions	http://www.hsf.ca/research/en/personnel-award-programs		Yes
KT Canada	Research Projects Stipend	Annually	This funding is to be used for research purposes only and is intended to assist with some of the costs associated with completing thesis-related research.	\$10,000 - \$25,000		KT Canada trainee/student + supervised by current KT Canada member + enrolled in graduate program or post-doctoral fellowship + limited or no external funding	http://ktclearinghouse.ca/ktcanada/education/funding		Yes
KT Canada	Knowledge Translation Canada Graduate Student Fellowship	Annually	Funds used to support training; develop KT researchers	\$25,000 - \$50,000		Enrolled in a graduate program or post-doctoral fellowship	http://ktclearinghouse.ca/ktcanada/education/funding		Yes
Manitoba Health Research Council	Salary Support for training - Postdoctoral Fellowships, Graduate Students, PhD Dissertation, Clinical research fellowships	Annually	Provides salary support of those undertaking graduate training - Opportunities and funding amount varies with education		Research conducted at a Manitoba university	Varies depending on application	www.mhrc.mb.ca/funding-opportunities/programs/		Yes

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Manitoba Health Research Council	Establishment Grants		Assist newly recruited faculty establish an independent research program - Focus is on development of a research program	>\$100,000		Academic appointment (<4 years), 75% protected research time, graduate experience	www.mhrc.mb.ca		Yes
Manitoba Health Research Council	Operating Grants		Support independent health research projects of new faculty	>\$100,000		Faculty within first 5 years of initial faculty appointment	www.mhrc.mb.ca		Yes
McMaster University	Innovation Grant Funding		The development of new and innovative practices in health care delivery, and to support leadership and the dissemination of knowledge across the healthcare system			Limited information available. Funds must be administered through McMaster University	http://fhs.mcmaster.ca/main/news/news_2012/innovation_grant_program.html		
MedEvac Foundation International	Research and/or Education Grants	Annually	Support the development of research and education in air medical and critical care transport			Funding priorities - patient safety, aviation safety, patient care, service utilization, air crew, meta analysis	http://www.medevacfoundation.org/MedEvac/Research/Apply_Research_Grant/Apply_Research_Grant.aspx		Yes
Medical Council of Canada	Research in Clinical Assessments	Annually	Support research of students, postgraduate trainees or practitioners. Priority will be given to proposals that show promise in contributing to the knowledge and understanding of measurement in clinical assessment and to clinical program evaluation methods for medical education	\$25,000 - \$50,000		Two intended targets - junior investigators + students	http://mcc.ca		Yes
Michael Smith Foundation for Health Research (BC)	Trainee Awards					Limited information available; last available data from 2013	www.msfr.org/our-work/activities/trainee-awards		

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Michael Smith Foundation for Health Research (BC)	Scholar Competition		To attract and foster the development of outstanding health researchers in BC. The intent is to allow researchers and health professionals to initiate an independent research career, build a leading research program and expand their potential to make significant contributions to their field of research.	\$50,000 - \$100,000	Max 5 year term	PhD or licensed health professional (must be licensed in one of the 26 health professions regulated by the BC Ministry of Health - listed at www.health.gov.bc.ca/professional-regulation - Emergency Medical Assisting); be within 5 years of first appointment; appointed to BC institution; dedicated research time (>75%) - Available to EMS/paramedics with appropriate research training.	www.msfr.org/our-work/activities/scholar-awards		
National Board of Medical Examiners	Stemmler Medical Education Research Fund	Annually	The goal of the Stemmler Fund is to provide support for research or development of innovative assessment approaches that will enhance the evaluation of those preparing to, or continuing to, practice medicine. Expected outcomes include advances in the theory, knowledge, or practice of assessment at any point along the continuum of medical education, from undergraduate and graduate education and training, through practice	>\$100,000		Requires letter of intent prior to full application	http://www.nbme.org/research/stemmler.html		

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New Brunswick Health Research Foundation	Student Health Research Awards	Annually	Provides salary support for graduate training	\$10,000 - \$25,000		Original research directly relevant to health of New Brunswickers; full time thesis based program - Must apply to CIHR first and score 3.0 or above, but not be funded. Then application can be made to NBHRF	www.nbhrf.com		
New Brunswick Health Research Foundation	Clinical Scholarship Salary Award	Annually	Facilitate the retention and recruitment of qualified clinical health researchers			Physician working in health-care institution; devote between 20-50% time to research	www.nbhrf.com		Yes
New Brunswick Health Research Foundation	NBHRF + CIHR-SPOR-MSSU Studentship/Fellowship	Annually	Provides salary support for students - medical resident; post-doctoral fellows; PhD; MSc; undergraduate	\$25,000 - \$50,000	Research must align with Maritime SPOR SUPPORT Unit's research mandate	Research must be in the field of human health; research must be conducted in New Brunswick - Any health research discipline - not limited to clinical (e.g., economics, psychology)	www.nbhrf.com		Yes
New Brunswick Health Research Foundation	Operating Grant		Assist in building research capacity and to provide initial support for health researchers in New Brunswick			Project that is self-contained and conducted within a 12-18 month period; be affiliated with New Brunswick organization - Must apply to CIHR first and score 3.0 or above, but not be funded. Then application can be made to NBHRF	www.nbhrf.com		Yes

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New Brunswick Health Research Foundation	Research Workshop Support		Capacity building - workshop addresses health research subject matters	<\$10,000		Application for a max of \$5,000; due 60 days prior to event	www.nbhrf.com		
New Brunswick Health Research Foundation	Establishment Grant		Research supported must be in a field of human health research			Submit application to national funding agency and score > 3.5 but did not receive funding; not a trainee; commit at least 50% research time; sponsored by university - Priority given to those applications that reflect the mandated initiatives of the New Brunswick Health Research Foundation	www.nbhrf.com		Yes
Nova Scotia Health Research Foundation	Research Enterprise Development Initiatives- Research Skill Awards / Team Development Awards / Catalyst Award		Objectives vary by program	<\$10,000		Limited information as 2012/2013 program is closed. Additional info posted later.	www.nshrf.ca		No
Nova Scotia Health Research Foundation	Development / Innovative Grants	Annually	Provides funding for Nova Scotia health research initiatives that will strengthen a grant submission to a peer reviewed organization; focuses on development and innovative concepts that are in their early stages	\$10,000 - \$25,000		Principal Investigator must be a researcher with an academic appointment at a Nova Scotia university	www.nshrf.ca		Yes

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Nova Scotia Health Research Foundation	Establishment Grants		Assist in building research capacity and provide initial support for new health researchers in Nova Scotia over a 1-3 year period	\$25,000 - \$50,000		PI must be a health researcher new to Nova Scotia or a new PhD graduate, or a researcher new to health research	www.nshrf.ca		Yes
Nova Scotia Health Research Foundation	Doctorate Scholars Award	Annually	Salary support for graduate training	\$10,000 - \$25,000		Enrolled in a thesis based graduate program; first class standing	www.nshrf.ca		Yes
Nova Scotia Health Research Foundation	Masters Scholars Award	Annually	Salary support for graduate training	\$10,000 - \$25,000		Enrolled in a thesis based graduate program; first class standing	www.nshrf.ca		Yes
Ontario Association of Paramedic Chiefs	Ontario Paramedic Research Consortium	Annually	Depending on the budget the board approves funding for the year.	<10,000	Need to have a paramedic as part of the research team				Yes
Ontario Ministry of Health and Long Term Care	Health System Research Funds (HSRF)		Program awards - health services/system and population health research and/or Knowledge Translation and Exchange that will focus on identified priorities; Capacity awards - provide smaller grants to large number of researchers and students to maximize opportunities to leverage health research investments; Specialized research centers - provide stable funding to specialized research centers / foundations - 3 streams: program awards, capacity awards, specialized research centers.	>\$100,000	Funds must be used in Ontario	HSRF runs on a 3 year cycle. Next cycle begins 2015	www.health.gov.on.ca/en/pro/ministry/research/funds.aspx		Yes
Ontario Ministry of Health and Long Term Care	CIHR Partnership for Health System Improvement		HSRF Capacity Awards stream (see above) includes support for projects selected under the CIHR's Partnership for Health System Improvement Program competition.	>\$100,000					Yes

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Ontario Ministry of Labour	Research for the Workplace	Annually	Based on research priorities - vulnerable workers, small businesses, high-risk activities, occupational disease/injury/prevention, intervention research, research to practice.	>\$100,000	Funds must be used in Ontario		http://www.labour.gov.on.ca/english/hs/prevention/research_proposals.php		Yes
Ontario Ministry of Labour	Evidence for Practice	Annually	Based on research priorities - vulnerable workers, small businesses, high-risk activities, occupational disease/injury/prevention, intervention research, research to practice.	\$50,000 - \$100,000	Funds must be used in Ontario		http://www.labour.gov.on.ca/english/hs/prevention/research_proposals.php		Yes
Ontario Stroke Network		Varies	Projects related to stroke care and follows their priority research areas				http://ontariostrokenetwork.ca		
Paramedic Chiefs of Canada	National Research Committee	Annually	Depending on the budget the board approves funding for the year.		Need to have a paramedic as part of the research team				
Physicians Services Incorporated		Annually	Research related to improving the health for residents of Ontario - clinical research; medical education research; health systems research			Must be an MD	http://www.psifoundation.org		Yes
Royal College of Physicians and Surgeons of Canada	Medical Education Research Grant	Annually	To support quality research in Canada that will advance the field of postgraduate medical education or continuing professional development.	\$25,000 - \$50,000			http://www.royalcollege.ca/portal/page/portal/rc/awards/grants/medical_education/meded_research_grant		
Saskatchewan Health Research Foundation	Establishment Grant		Assist new university faculty establishing independent health research programs	>\$100,000		Hold faculty appointment in Saskatchewan; hold appointment for less than 3 years; not a trainee; dedicated research time	www.shrf.ca		Yes

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Saskatchewan Health Research Foundation	Postdoctoral Research Fellowships	Annually	Advance research career; enhance research productivity - Funding includes salary support and research allowance	\$25,000 - \$50,000		PhD or health professional degree; must be within 3 years of completing the degree; associated with Saskatchewan university	www.shrf.ca		Yes
Saskatchewan Health Research Foundation	Research Connection Grants		Support knowledge exchange through research conferences, major meetings, research days			PI must be associated with Saskatchewan organization - Application due at least 2 months before event	www.shrf.ca		
Society for Simulation in Healthcare	Research Community Grant	Annually	Support health-related simulation-based pilot studies carried out by Principal Investigators who have fewer than 5 years of experience in simulation-based research endeavors - Areas include research in quantitative, qualitative, or mixed-method approaches - Studies should have strong potential for a positive impact on healthcare delivery processes and outcomes through	<\$10,000	Only one project from each PI allowed		http://ssih.org/research-committee-grant		Society for Simulation in Healthcare