

**CLINICAL INNOVATION OPPORTUNITIES FUND  
Project Application Form**

<b>PROJECT TITLE:</b>	
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<b>PROJECT LEAD</b> (must be an AFP participating physician)	
Name:	
Email address:	
Faculty Appointment: (i.e. Asst. Professor)	
Institution:	NOSM University
Department:	

<b>CO-INVESTIGATORS:</b>		
	Name	E-mail
1.		
2.		
3.		

<b>FUNDING:</b>				
Duration of Project:	One year <input type="checkbox"/>	Two year <input type="checkbox"/>		
Amount of Funding Requested:	Year 1: \$	Year 2: \$	Total: \$	

<b>OTHER FUNDING SOURCES:</b>		
Are you requesting funding for this project from another source?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
If 'yes', please specify by source and amount requested (next page):		

Source		Amount
1.		\$
2.		\$
3.		\$

Can this project proceed without the other funding listed above?      Yes       No

<b>FUNDING MANAGEMENT:</b>	
Please provide the name and contact information for the transfer payment agency that will manage the project funds.	
Name of Agency/LEG:	
Address:	
Contact person:	
Email address:	
Attach a letter from the transfer payment agency confirming their agreement to manage project funds.	
<b>NOTE:</b> If there is no appropriate transfer agency, the funding will be transferred to NOSM University Research for administration. Examples of appropriate transfer agency include: hospital, clinic, LEG.	

<b>RESOURCE IMPLICATIONS</b>		
Are there resource implications, such as space and staff for other institutions, i.e. hospital, clinic, NOSM University?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
If "yes", a letter of support from the institution must be attached.		

<b>PROJECT KEY WORDS</b>		
Please select 5 codes from Project Database Keywords List (attached) to describe your project in order of importance from among: Project Focus (1000); Project Methodology (2000); Project Projected Outcomes (3000). Selection listed on project database keywords list (attached).		
1.	2.	3.
4.	5.	

## PROJECT DATABASE KEYWORDS LIST

1000: Project Focus		2000: Project Methodology		3000: Project Projected Outcomes	
1101	Aboriginal Health	2101	Basic Science experimentation	3101	Advocacy
1102	Acquired Brain Injury	2102	Before-After Cohort Study	3102	Better Caregiver Health
1103	Addictions	2103	Best Practices for Lay Education	3103	Change Healthcare Worker Behaviour
1104	Advance Care Planning	2104	Case Study	3104	Change Patient Behaviour
1105	Adverse Drug Response	2105	Clinical Decision Rules	3105	Change Patient Care
1106	Adverse Event Detection	2106	Clinical Practice Guideline	3106	Change Patient Provider Relations
1107	Aging/Geriatrics	2107	Clinical Psychopharmacology	3107	Change Physician Behaviour
1108	Alzheimer's Disease	2108	Clinical Trial	3108	Change Physician-Nurse Relations
1109	Anaesthesia	2109	Cohort Study	3109	Change Physician-Specialist Relations
1110	Anticoagulants/Thromboembolism	2110	Crash Investigations	3110	Change Screening/Diagnostic Practice
1111	Anxiety Disorders	2111	Critical Appraisal	3111	Change Team Behaviour
1112	Aortic Diseases	2112	Cross-Sectional Study	3112	Chronic Disease Prevention and Management
1113	Arrhythmias	2113	Curriculum Development	3113	Cost Savings
1114	Arthritis	2114	Delphi Survey	3114	Create a Novel Intervention for Alzheimer's disease
1115	Asthma	2115	Descriptive Study	3115	Create Guidelines and Best Practices
1116	Bladder Cancer	2116	Diagnostics Evaluation	3116	Creating Culture of Innovation Workplace Wellness
1117	Breast Cancer	2117	Emergent Design	3117	Creation of a Treatment Manual
1118	Cardiac Arrest	2118	Epidemiology	3118	Decrease Drug Use
1119	Cardiomyopathy/Myocarditis	2119	Ergometrics	3119	Decrease Work Absence/burden of M illness
1120	Cardiovascular Diseases	2120	Ethics	3120	Determine New Treatment Paradigms
1121	Cerebral Palsy	2121	Evaluation	3121	Develop Electronic Health Records
1122	Child Health	2122	Evidence-Based Medicine	3122	Develop Remote Acute Care
1123	Chronic disease	2123	Experiment	3123	Develop Scalable Model of Care for Spread
1124	Chronic Myofascial Pain	2124	Feasibility Study	3124	Develop Systems of Patient Flow
1125	Chronic Obstructive Pulmonary Disease	2125	fMRI	3125	Development of Toolkit
1126	Chronic Post-Sternotomy Pain	2126	Genetics/ Next-generation Sequencing	3126	Empower Youth in their Transition into Adulthood
1127	Chronic Rhinosinusitis	2127	Guideline Development	3127	Encourage Knowledge Transfer
1128	Clinical Pharmacology & Therapeutics	2128	Health Care Delivery	3128	Enhance Access to Care
1129	Cognition	2129	Health Economics	3129	Evidence-Based Therapy
1130	Colorectal Cancer	2130	Health Literacy	3130	Expand Service capacity
1131	Community Health Care	2131	Health Policy	3131	Feasibility
1132	Complex Care	2132	Health Services Research Applied Methods	3132	Follow-up Large-Scale Studies
1133	Complex Continuing Care	2133	Health Technology Assessment	3133	Geriatric Mental Health Networking
1134	Concussion	2134	Hospital-community collaboration	3134	Identify Genetic Variants, Repeats, Deletions, and Copy Number Risk Variants to Anorexia Nervosa re Weight Loss
1135	Congenital Malformation	2135	Human Factors	3135	Implement Guidelines and Best Practices
1136	Continuing Medical Education	2136	Information Technology	3136	Improve Advance Care Planning
1137	Crisis Resource Management	2137	Instructional Design	3137	Improve Continuity of Care
1138	Critical Care	2138	Interprofessional Health Care	3138	Improve Hospital Ecosystem
1139	Cystic Fibrosis	2139	Interprofessional Education and Training	3139	Improve Interest in the Care of Seniors
1140	Dementia	2140	Interrupted Time Series Design	3140	Improve Medical Education
1141	Dermatology	2141	Intervention Study	3141	Improve Number of Providers in the Care of the Elderly
1142	Diabetes	2142	Key Stakeholder Meeting		
1143	Dialysis	2143	Knowledge Assessment		
1144	Diet Nutrition Exercise	2144	Knowledge Translation		
1145	Early Illness Intervention	2145	Laboratory Analysis		
1146	Eating Disorders	2146	Longitudinal Study		
1147	Economics	2147	Management Sciences		
1148	Education and Training	2148	Medical Education & Training		
1149	Emergency Medicine	2149	Meta Analysis		
1150	Endocrinology	2150	Mixed-methods		
1151	Ethnicity	2151	Molecular diagnostics/prognostics		
1152	Fertility	2152	Narrative		
1153	Fetal Ultrasound	2153	Needs Assessment		
1154	Gastroenterology	2154	Observational Study		
1155	General Internal Medicine	2155	Outcomes Research		
1156	Genetics	2156	Participatory Action Research		
1157	GI and Oncology				

1158	Global Health
1159	Haematology
1160	Head and Neck
1161	Health Care Provider
1162	Health Informatics
1163	Health Systems Research
1164	Hearing Loss
1165	HIV/AIDS
1166	Hypertension
1167	Hypertonicity/Spasticity Management
1168	Imaging/Ultrasound
1169	Immunology
1170	Infection Control
1171	Infectious Diseases
1172	Influenza
1173	Information Technology
1174	Injury Prevention
1175	Inpatient Medicine
1176	Institution Integration
1177	Internal Medicine
1178	Kidney Diseases
1179	Laboratory Medicine
1180	Laparoscopic Surgery
1181	Leukemia/Lymphoma
1182	Lipid Disorders
1183	Liver Disease
1184	Long Term Ventillation
1185	Long-term Care
1186	Male Health
1187	Maternal Child Program
1188	Medical Ethics
1189	Medical Imaging
1190	Mental Health
1191	Microbiology
1192	Migraine
1193	Minimally Invasive Surgery
1194	Multiple Sclerosis
1195	Musculoskeletal health
1196	Myocardial Infarction
1197	Neonatal Medicine
1198	Neurogenetics
1199	Neurological Disease
1200	Neuromuscular Disease
1201	Neurosurgery
1202	Newborn Screening
1203	Nosocomial Infection
1204	Nursing
1205	Obesity
1206	Obstetrics/Gynecology
1207	Occupational Disease
1208	Oncology
1209	Opioid Management
1210	Ophthalmology
1211	Orthopaedic
1212	Osteoporosis/Bone Disease
1213	Otolaryngology
1214	Outpatients Services
1215	Outreach
1216	Pain and Palliative Care
1217	Parkinson's Disease
1218	Patient Education
1219	Patient Engagment
1220	Patient Flow

2157	Patient Education
2158	Patient Workshops
2159	Pilot Study
2160	Pre and Post Implementation Study
2161	Prognostic Test Evaluation
2162	Proof-of-principle Study
2163	Prospective Double Cohort
2164	Prospective Observational Study
2165	Prospective Randomized Controlled Trial
2166	Psychology
2167	Psychometrics
2168	Public Education
2169	Public Health
2170	Qualitative Research
2171	Quality and Safety
2172	Quasi-experimental Single-subject AB Research Design Across Multiple Subjects
2173	Questionnaire
2174	Randomized Control Trial
2175	Randomized, Placebo-controlled Trial
2176	Registry/Database
2177	Rehabilitation
2178	Retrospective Cohort
2179	Scoping Review
2180	Self-Assessment
2181	Service Access Enhancement
2182	Shared Care and Best Practice
2183	Simulation
2184	Single Arm Study
2185	Sociology
2186	Statistics, Biometrics and Econometrics
2187	Surgical Simulation
2188	Surveys
2189	Systematic Review
2190	Systematic Review of the Literature
2191	Systems Development
2192	Tool Development
2193	Transdiagnostic Intervention
2194	Transformative Pathology
2195	Translational Research Trials
2196	Trials
2197	Usability Study
2198	Video Creation
2199	Web-based Tool

3142	Improve Occupational Safety
3143	Improve Patient Outcomes
3144	Improve Patient Safety
3145	Improve Patient Satisfaction
3146	Improve Patient-Physician Relations
3147	Improve Patient's Quality of Decision Making
3148	Improve Physician Abilities
3149	Improve Quality of Care
3150	Improve Quality of Life
3151	Improve Resource Allocation
3152	Improve Training and Training Programs
3153	Improve Value for Money
3154	Improved Knowledge and Skill Retention
3155	Improved Pain Management
3156	Improved Patient Engagement
3157	Improvement in Return to Work
3158	Increase Access and Service for Ethnic Minorities
3159	Increase Clinical Trial Accrual
3160	Increase Remote Access to Care
3161	Increase Work in Aboriginal Health
3162	Inform Basic Science
3163	Inform the Design of Randomized Controlled Trials
3164	Information Technology
3165	Injury Prevention Education
3166	Knowledge Translation
3167	Leverage Resource
3168	Medical Testing
3169	Medical Treatment
3170	Multimorbidity
3171	Novel Therapeutic Development
3172	Objective Evidence of Surgical Competence
3173	Offer Better Detection Rate
3174	Patient Education
3175	Personalized Treatment
3176	Pilot for a Large Future RCT
3177	Primary Prevention
3178	Promote Collaboration
3179	Promote Efficient Delivery of Health Care Resources
3180	Promote Greater Professionalism in r/s btw physicians and others
3181	Proof of Principle to Facilitate Larger Phase 3 Studies
3182	Public Education
3183	Quality of Recovery
3184	Reduce Decisional Conflict with Complex Medical Decision-Making
3185	Reduce Side Effects
3186	Reduce Work-Related Surgery
3187	Response to Patient Concerns
3188	Revolutionize Medical Documentation by introducing "Document Driven Processing"
3189	Short Term Clinical Outcomes
3190	Standardization of Practice
3191	Support Patient Self-Care
3192	Support Relevant CPD

1221	Patient Safety
1222	Patient Satisfaction
1223	Patient Wait-times & The Triage System
1224	Perioperative Care
1225	Personalized Medicine
1226	Postoperative Pain Management
1227	Pre-hospital Care
1228	Prevention
1229	Preventive Medicine
1230	Primary Care
1231	Prostate Disease
1232	Public Health
1233	Pulmonary Disease
1234	Quality Improvement
1235	Radiology
1236	Rehabilitation
1237	Rheumatic Disease
1240	Risk Management
1241	Screening
1242	Sexuality
1243	Shared Decision-Making
1244	Simulation
1245	Sleep Apnea
1246	Social Work
1247	Spinal Cord Injury
1248	Sports Medicine
1249	Stroke
1250	Supportive Care
1251	Surgery
1252	Swine Flu
1253	Tech-based Treatment
1254	Telemedicine
1255	Thyroid Cancer
1256	Transfusion medicine
1257	Transitions in Care
1258	Transplantation
1259	Trauma
1260	Tuberculosis
1261	Upper Airways Disease
1262	Urology
1263	Vaccines
1264	Vascular
1265	Viral Diseases
1266	Vision Care
1267	Weight Gain
1268	Wilderness Medicine
1269	Women's Health
1270	Wound Care

3193	Surgical Skills Development
3194	Target Bottlenecks in Patient Flow
3195	Technology
3196	Test a New Treatment
3197	Translate Pilot Research into New Clinical Treatment
3198	Translational Research Study
3199	Vision Care Policies

## **CLINICAL INNOVATION OPPORTUNITIES FUND Project Summary Framework**

Please provide a summary of the project in non-technical language as indicated below:

- 1) The project summary **must not exceed 5 typed pages plus references.** Candidates must use either Arial, Calibri or Times New Roman font, size of 12-point, black type (other font may be used, but must be of similar size appearance of those indicated). Maximum of six lines per inch, margin of 2 cm (3/4 inch) –minimum – around the page. Do not use condensed/narrow font sizes, type density, or line spacing. Smaller text in tables, charts, figures, graphs, and references (format at discretion of candidates) is acceptable, as long as it is legible when the page is viewed at 100%. Note: failure to comply with these requirements can negatively impact the status and evaluation of your application in a competition.
- 2) The project summary should include the following elements:

**a. Background, objectives, rationale, significance, and justification for the clinical innovative nature of the project and an assessment of the outcome.**

This section should provide a concise description of the objectives and issue(s) to be addressed that will allow reviewers without technical or specialty expertise in that area to understand the importance, feasibility and relevance of the project to new evidence based enhancements within your clinical practice that will result in “better care”. This section should also address: existing literature, knowledge and practice in this area; importance and likely outcome of the clinical innovation.

Examples of clinical innovation include:

- Changes in practice which encourage patient engagement and patient centered care;
- Meeting community needs through integrated clinical care;
- Improving quality and patient safety;
- Innovations in health human resources including interprofessional initiatives;
- Innovations in health promotion;
- Innovations in health information management including improving patient accessibility to information;
- Improving efficiency through process redesign.

**b. Team**

Names and affiliations of the team members with a brief statement of their roles and experience, area(s) of expertise, time commitment and planned contributions to the project.

Projects that include NOSM University learners as team members will be given greater priority.

**c. Approach and work plan.**

This section should provide a description of the approach to be used as well as a detailed project work plan.

The work plan should provide a target start date, target completion dates for significant steps (milestones) leading to the proposed outcomes, and target finish date for the project.

**d. Metrics to evaluate outcome of the project.**

This section should outline in detail what the anticipated outcomes would be and how the outcomes will be measured. It should provide a list of measurable milestones (outcomes) upon which the team will periodically report (at the end of the project if a one-year project, and annually if the funding is for two years).

Please indicate:

- How will the Project Leader(s) determine if the project was successful?
- What are the metrics for evaluation?
- What is the expected benefit and how will it be measured?

**3) Budget**

- a. A brief description and justification of all requested budget expenditures should be attached with sufficient detail to allow for an assessment of the eligibility of these budget expenditures, including remuneration levels for physicians and non-physician costs (such as compensation for non-physician team members). Please note that acquisitions of capital equipment are limited to 10% of the requested NOAMA funding (i.e. equipment purchases or renovations, etc.). The budget breakdown should also specify the contributions (cash, in-kind) of any other funders/contributors. A budget template is provided (CP2).
- b. Physician compensation is eligible for funding based on the time involved at a rate no higher than the OMA per diem rates whether or not remuneration is for actual clinical activity (see website for rates).
- c. Resource Implications:  
A letter of support must be included with the project summary if there are resource implications to other institutions such as a hospital, clinic, NOSM University, etc.