**Respiratory Health Section of the Medicine Strategic Clinical Network**

**Research and Innovation Seed Grants 2021-2022: Call for Proposals and Application Form**

The Respiratory Health Section of the Medicine Strategic Clinical Network is pleased to announce a research and innovation funding opportunity, the RH-MSCN Research and Innovation Seed Grants Program. This program will offer funding to support the development of short-term, pilot research projects or research and innovation activities that aim to improve value, access, efficiency, or quality of respiratory care in Alberta through health services research and innovation. **A total of** **$30,000** of funding will be available in this year’s competition; **three** projects will be awarded up to **$10,000 each** of funding support, all supported projects **must identify the prioritized research question being addressed** (Appendix A).

**Timelines:**

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| **February 1, 2021** | Call for RH-MSCN Research and Innovation Seed Grant Funding applications |
| **February 21, 2021** | Deadline to register intention to submit (send email to marni.armstrong@ahs.ca with grant title and Principal Investigator listed) |
| **March 15, 2021** | Applications due 8pm MST |
| **April 9, 2021** | Review of applications by Review Committee complete |
| **April 15, 2021** | Awards notification |
| **April 30, 2021- or later** | Funding activated (following confirmation of REB approval). Grant term: 1 year. |

**For more information about this program, please contact:**

Marni Armstrong, PhD

Assistant Scientific Director (interim)

Respiratory Health Section of the Medicine Strategic Clinical Network

Email: marni.armstrong@ahs.ca

Phone: (403) 540-0765

**Respiratory Health - MSCN Research and Innovation Seed Grants Application Form**

Submission Deadline: March 15, 2021, 8pm MST

**1. Project Title**

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**1. Applicant Information**

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| **Principal Investigator (or Supervisor for Student Investigator)** |
| Name |  | Institution/ Position Title |  |
| **Is the principal investigator a new investigator?** \_\_\_\_\_Yes \_\_\_\_\_No |
| Complete mailing address | Phone (Office) | Fax |
| Signature | Email address: |
| Degrees (if applicable)/Field | Institution | Year |
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| **Collaborators** |
| **Name** | **Email** | **Degrees (if applicable)/Field**  | **Institution/ Position Title** |
| 1. |  |  |  |
| 2. |  |  |  |
| 3. |  |  |  |
| 4. |  |  |  |
| 5. |  |  |  |

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| **Project Information** |
| Provide a summary of your project proposal. Clearly state the topic and project question/hypothesis. Key methods and expected results should also be included.Please describe how proposed activities and deliverables aligns with the goal of the Respiratory Health Section of the MSCN of *accelerating respiratory knowledge that has provincial impact on improving patient care*. ***Please append one page maximum; minimum 10 pt font.*** *A maximum of one Appendix page is allowed. References can be on a separate page.* |
| **Budget details** |
| Funds requested |  |
| Budget justification (250 words maximum. Additional quotations can be appended if needed) |

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| **Knowledge Translation Plan** |
| Please provide a description of your knowledge translation plan including outcomes and deliverables of this project. (250 words maximum) |
| **Research Prioritization Question** |
| Please identify how the proposed project aligns with one of the prioritized research questions of the KH-MSCN in Appendix A. (250 words maximum) |
| **Submission information** |
| **Respiratory Health MSCN- Research and Innovation Seed Grants Checklist:**[ ]  Application Form[ ]  Principal Investigator CV |
| Completed applications must be sent electronically in PDF format to Marni Armstrong at marni.armstrong@albertahealthservices.ca no later than **March 15, 2021, 8 pm MST.**Successful applicants will be notified no later than **April 15, 2021.** |
| **For Internal Use Only** |
| Date Received: | Application Complete:[ ]  Yes [ ]  No | Notes: |
| Please carefully read all instructions and include all necessary documents.Incomplete applications will not be reviewed.It is the Principal Applicant’s responsibility to ensure that the materials have been successfully submitted. |

**Appendix A: Prioritized Research Questions**

**Questions for Respiratory and Sleep**

1. What is the relationship between social, psychological, and mental health issues and respiratory disease/sleep disorders for the individual/the family?
2. What is the economic impact of respiratory disease/sleep disorders for community and inpatient/urgent care in Alberta?
3. For individuals with suspected respiratory disease/sleep disorders, when is it appropriate for a primary care provider to refer to a specialist, compared to continuing care, to ensure the best treatment/health outcomes? What are the educational needs of primary care providers to facilitate this?
4. What model of care is most effective at transitioning patients and their families from paediatric to adult respiratory/sleep care?
5. For individuals living with respiratory disease/sleep disorders, what are the most effective self-management interventions and/or community supports/resources?
6. What strategies will improve equitable access to respiratory/sleep care for Albertans?
7. What are the patient & families’ priorities related to the treatment of their breathing/sleep problems?
8. For individuals with respiratory/sleep problems, which interventions, resources, programs in the community will result in fewer specialty care, emergency department or hospital visits?

**Questions for Respiratory**

1. How can we improve access to pulmonary rehabilitation for individuals with respiratory disease?
2. For individuals with respiratory disease, how do environmental factors (humidity, air pollution, etc.) impact disease control/management in Alberta?
3. How does an individual with respiratory disease determine if different therapies will be worth the additional cost (money, risk of side effects, exacerbations)?

**Questions for Sleep**

1. For individuals with suspected sleep-related breathing disorders (e.g. obstructive sleep apnea), what is the recommended ongoing clinical management/follow-up care to improve and sustain health outcomes?
2. Do treatments besides CPAP improve outcomes for individuals with sleep-related breathing disorders (e.g. obstructive sleep apnea and/or hypoventilation)?
3. What is the current quality of provision and interpretation of investigations for sleep-related breathing disorders in Alberta?
4. What strategies can be used to promote sleep as an important contributor to health?
5. For individuals experiencing poor quality sleep, at what point should they seek medical advice to improve their health outcomes?
6. What are the policy factors that inform insurable coverage for testing and treatment of sleep-related breathing disorders in Alberta?