**Respiratory Health - Medicine SCN Summer Studentship Award 2021 Application Form**

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| **Applicant Information** | | | | | | | | | | | | |
| First Name | | | | | Initial | Last Name | | | | | | |
| Research Project Title | | | | | | | | | | | | |
| Address | | | | | | | E-mail | | | | | |
| City | Province | | | Postal Code | | | Phone (Home) | | | Phone (Cell) | | |
| Institution (presently registered) | | | | | | | Degree Program/Discipline | | | | | |
| Year of Study (current) | Start Date (dd/mm/year) | | | Tentative End Date (dd/mm/year) | | | Current Overall GPA | | | | | |
| **Supervisor Information** | | | | | | | | | | | | |
| Name | | Email | | | | | | Telephone | | | | Fax |
| Institution | | Program(Faculty/Department/Division; Faculty) | | | | | | | | | | |
| Address | | City | | | | | | | Province | | Postal Code | |
| **Location of Summer Respiratory Health Research (if different)** | | | | | | | | | | | | |
| Supervisor’s Name | | | Email | | | | | Telephone | | | | Fax |
| Institution | | | | | Location of research space | | | | | | | |
| Program(Department/Division) | | | | | | | |  | | | |  |
| Address | | | City | | | | | Province | | | | Postal Code |

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| **Project Information** | | | | |
| **The Project Description included in this application was written by whom? *(Please indicate which most applies)***  Student led  Supervisor Led  Combination of Student and Supervisor  Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | |
| **Briefly describe the research project and how it addresses a question of importance in respiratory research. Please identify which of the RH-MSCN prioritized research questions the proposed work aims to address (Appendix A provides a copy of prioritized questions). (*750 words or less*)** | | | | |
| **Describe the project’s application to the RH-MSCN mandate, and how this work can be translated to improving health outcomes for respiratory patients. (*200 words or less*)** | | | | |
| **Describe the student’s role in the research project. (*200 words or less*)** | | | | |
| **Describe how this project complements your long-term career plans? (*200 words or less*)** | | | | |
| **Describe the training environment to be provided by the supervisor and host institution. (*200 words or less*)** | | | | |
| **MSCN-RH Summer Studentship Award Checklist:**  Application Form  Applicant CV (4-page maximum)  Supervisor’s CV (4-page maximum)  Official Transcripts (all years of completed Undergraduate work)  One letter of reference (may be from the supervisor)  Supervisor’s letter of support | | | | |
| **Ethics** | | | | |
| **The project requires:**   HREB approval obtained  HREB submission pending  N/A (lit reviews)   Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | |
| **Summer Studentship Timelines** | | | | |
| School year end date:  dd/mm/2021 | Summer Studentship Start Date of the  dd/mm/2021 | Summer Studentship End Date  dd/mm/2021 | | Time dedicated to Summer Studentship  \_\_ \_\_ Hours/week |
| Proposed timelines of the Summer Research Project | | | | |
| **Submission information** | | | | |
| Completed applications must be sent electronically in PDF format to Marni Armstrong at marni.armstrong@ahs.ca no later than **March 15, 2021, 4 pm EST.**  Successful applicants will be notified no later than by **April 15, 2021.**  The studentship includes a stipend of $1,500/month per applicant for a maximum of 4 months during the summer months ($6,000 maximum total per applicant).  *For more information 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 | | | | |
| **Signatures** | | | | |
| Student Applicant Date  Supervisor Date | | | | |
| **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 student’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?