

CRRN Lightning Rounds, 2023

Day	Group	Trainee	Project Title	CRRN Platform	Affiliation	Academic Program
Day -1	1- 1.	Anne Fu	Oscillometry for Early Diagnosis of CLAD	Physiology	University of Toronto	Institute of Medical Science
	1- 2.	Hemshekhhar Mahadevappa	Plasma Proteome, Sex and Air pollution	Air Pollution Exposure	University of Manitoba	Inflammation
	1- 3.	Jaypee (John Paul) Aguilar	Amniotic Fluid As Mediator of the Environment	Basic Science & Discovery	University of Manitoba	Respiratory Physiology and Pathophysiology
	1- 4.	Kalysta Makimoto	Upper Lobe CT Predicts COPD Decline	CanCOLD Cohort	Toronto Metropolitan University	Medical Physics
	1- 5.	Nandhitha Ragunayakam	Asthma Characteristics and ICS Deposition	Airway Imaging	McMaster University	Medical Sciences
	1- 6.	Padmanie Ramotar	LL37, Oxylipins and Airway Inflammation	Air Pollution Exposure	University of Manitoba	Immunology
	1- 7.	Sahar Mikaeeli	COPD Exacerbations & COVID19 Pandemic	CanCOLD Cohort	McGill University	Experimental Medicine
	1- 8.	Sriyani Ranatunga	Maternal Diabetes As Early Life Risk Factor For COPD	Physiology	University of Manitoba	Physiology and Pathophysiology
Day-1	2- 1.	Débora Petry Moecke	Telerehabilitation for Indigenous People	Health Services Research	University of British Columbia	Rehabilitation Sciences
	2- 2.	Hadrien Gayap Tagheu	Deep Learning for Lung Cancer Detection	Health Services Research	Université de Moncton	Computer Science
	2- 3.	Joseph Munn	Investigating COPD Exacerbation Risk	Health Services Research	Sunnybrook Research Institute	Evaluative Clinical Sciences
	2- 4.	Shirley Quach	Public COPD Apps: Evaluation to Translation	Population Health	McMaster University	Rehabilitation Science
	2- 5.	Spencer Lee	Air Pollution Exposure and Adult Asthma Incidence	Health Economics	University of British Columbia	Pharmaceutical Sciences
	2- 6.	Tae Yoon Lee (Harry)	Impact of Antibiotic Exposure on Asthma	Health Economics	University of British Columbia	Health Outcomes Research
	2- 7.	Tina Afshar	Lung Health Effects of Vaping Cessation	Air Pollution Exposure	University of British Columbia	Population & Public Health
	2- 8.	Yiwei Yin	Define COPD Proper Therapy in Admin Data	Pharmaco-epidemiology	University of British Columbia	Pharmaceutical Sciences
Day -2	3- 1.	Carlos Andres Celis Preciado	PRISMA: Rethinking Asthma Attacks	Biomarkers	Université de Sherbrooke	Immunology
	3- 2.	Courtney Marshall	Sex, IDR-1002, and Airway Inflammation	Basic Science & Discovery	University of Manitoba	Immunology
	3- 3.	Dheerendra Kumar Pandey	TRPA1 and OxPCs in Asthma Pathobiology?	Physiology	University of Manitoba	Physiology and Pathophysiology
	3- 4.	Mckay Lowry	EpOMEs/diHOMEs and Airway Smooth Muscle	Basic Science & Discovery	University of Manitoba	Physiology and Pathophysiology
	3- 5.	Rachelle Aucoin	Fan Therapy and Exercise Training in COPD	Physiology	McGill University	Kinesiology Sciences
	3- 6.	Renata Mancopes	Stability of Respiratory-Swallowing Coordination in Healthy Adults	Physiology	University Health Network (UHN)	Swallowing Rehabilitation Research
	3- 7.	Saeid Maghsoudi	Blue Babies and the Enzyme Adenylyl Cyclase	Basic Science & Discovery	University of Manitoba	Pulmonary Hypertension
	3- 8.	Zil Patel	Assessment of Humoral Immune Function in COPD	Biomarkers	University of Ottawa	Microbiology and Immunology

Groups 1 and 3: Basic Science, Discovery, Physiology, Imaging Science, Air Pollution Exposure & Biomarkers

Group 2: Pharmaco-Epidemiology, Population Health & Epidemiology, Health Services Research, Health Economics