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# RESPIRE FELLOWSHIP UPDATE

**Dr Rizawati Ramli, Universiti Malaya**

*Sri Lanka, 28<sup>th</sup> August 2024*



THE UNIVERSITY  
of EDINBURGH



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# Background and objectives

- Dissemination and Implementation - growing discipline in North America.
- Requested funding to support training and exposure in implementation science at globally important implementation research centres in Canada.

## Objectives

- Current projects – relate to implementation research (delivery of asthma care)
- Personal interest for professional development
- In line with organisation goal to develop more capacity in IS/IR



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# Activities - visit



**Peter Gilgan Centre for Research and Learning**



**Hospital for Sick Children's (SickKids)**



**Toronto General Hospital**



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# Activities – networking with IS experts and pulmonologist



**Prof. Dr. Melanie Barwick,**  
Senior Implementation Scientist,  
Professor, Psychiatry, Faculty of Medicine  
Professor, Dalla Lana School of Public Health,  
University of Toronto



**Dr. Nicola McCleary**  
Implementation Scientist, Child Health  
Evaluative Sciences Program  
Assistant Professor in the Institute of Health  
Policy, Management and Evaluation at the  
University of Toronto.



**Prof Dr. Padmaja Subbarao**  
Clinician-Scientist  
CRC Tier 1 Chair in Pediatric Asthma and  
Lung Health at the University of Toronto.



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# Activities – meeting with StaRI development group



MINUTES

May 30th

Attendees: Hilary Pinnock, Melanie Barwick, Chris Carpenter, Riza binti Ramli, Kadia Petricca, Chris Griffiths, Jo Rycroft-Malone, Paul Meissner, Steph JC Taylor, Aziz Sheikh, Gemma Pearce,

Regrets: Anita Patel, Brian Mittman

## 1.0 Introductions

In addition to the original author group, new members include Riza binti Ramli (University of Malaya) and Kadia Petricca (SickKids).



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# Activities – networking and meeting with RESPIRATION working group



**Prof Dr. Teresa To**  
University of Toronto,  
Dalla Lana School of Public Health,  
Toronto, Canada  
Canada Research Chair, Tier-1,  
Canadian Institute of Health  
Research

## RESPIRATION Working Group

(RESpiratory & Public Health Insights, Research, Advocacy, & educaTION)



Research Group <researchgroupconsults@gmail.com>

Sat, May 25, 3:51AM

to Ross, tonydurzo, Teresa, Xiaolin, Andrea, Alan, farhan.asrar, me, Erjia, Babak, behn2030, a.sunjaya, Braden.ONeill, mainul.husain

Dear All,

It is with great excitement to share the agenda and Zoom coordinates for our upcoming **RESPIRATION** meeting scheduled for May 29, 2024 at 4:00 PM. Your participation is cherished and it will undoubtedly enrich the scholarly input. We also have the pleasure to meet Dr. Rizawati Ramli, a visiting scholar from Malaysia, who will share her experience with us on a feasibility study they carried out on *Developing and Implementing Intervention to Improve Asthma Aare at Primary Health Clinics in Klang District* (please see the attachment).

### Agenda:

- a. Convening the meeting (2 mins): Dr. Upshur
- b. Group introductions (3 mins)
- c. Group update (5 mins)
- d. Presentation by Dr. Ramli titled: *Revitalising Asthma Care and Treatment (ReACT)*; (30 mins)
- e. Q & A (10 mins)
- f. Opportunities for collaboration (10 mins)
- g. Next meeting



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# Activities – training



 **McGill** | Summer Institutes  
in Global Health

*CERTIFICATE of PARTICIPATION*

THIS CERTIFIES THAT

**Rizawati Ramli**

Participated in the following course at the 2024 McGill Summer Institutes in Global Health

**From Evidence to Impact: Fundamentals of Global Health Advocacy**

Issued by: Dr. Madhukar Pai, Summer Institutes Director



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# Outcome



Canadian Institutes of Health Research

Instituts de recherche en santé du Canada

BARWICK, Melanie  
Hospital for Sick Children (Toronto)  
\$9910

## Other Applicants

Surname	Given Names	Role
Binti Ramli	Rizawati	Co-Applicant
Institution	Department	Faculty
University of Malaya		
Surname	Given Names	Role
[REDACTED]	[REDACTED]	Co-Applicant
Institution	Department	Faculty
Mayo Clinic (Rochester, Minnesota)		
Surname	Given Names	Role
[REDACTED]	[REDACTED]	Co-Applicant
Institution	Department	Faculty

1. Co-application for IS related grant

Inbox StaRI Meeting minutes from May 30th - From: **Melanie** Barwick Sent: Tuesday, June 4, 2024 12:23 PM To: Gemma Pear...

image002.png Outlook-eqj0ku... Outlook-rw3yb... +6

Inbox StaRI Meeting #4 - **Melanie** Barwick is inviting you to a scheduled Zoom meeting. Topic: StaRI Meeting - Project Fund... 📅

Inbox StaRI Meeting #3 - **Melanie** Barwick is inviting you to a scheduled Zoom meeting. Topic: StaRI Meeting - Large projec... 📅

Inbox StaRI Meeting: Survey meeting - **Melanie** Barwick is inviting you to a scheduled Zoom meeting. Topic: StaRI Survey M... 📅

2. Further engagement



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# Way forward - further engagement



Research Group	<p>Inbox Reminder: <b>RESPIRATION</b> Meeting - today July 31, 2024 at 4:00 PM local time - that the <b>RESPIRATION</b> meeting will be ...</p> <p><a href="#">W RESPIRATION m...</a></p>	Aug 1
Research Group 2	<p>Inbox Zoom coordinates &amp; Agenda re <b>RESPIRATION</b> Meeting - Wednesday July 31, 2024 - the upcoming <b>RESPIRATION</b> &gt; me...</p> <p><a href="#">W RESPIRATION m...</a></p>	Jul 30
Research .. Teresa 12	<p>Inbox Next <b>RESPIRATION</b> Meeting - Wednesday July 3, 2024 - our next <b>RESPIRATION</b> Meeting. *Meeting time and date*: W...</p> <p><a href="#">Air-Health Webi...</a> <a href="#">PDF Lungs on Fire (L...</a> <a href="#">PDF new_Perinatal e...</a></p>	Jul 20



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## Monthly meeting with RESPIRATION working group

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# Way forward – continuous engagement with IS experts

Hi Riza

It was great to meet you a few weeks ago! I hope your onward travels have gone well.

I have a note to send you a few things: here they are. Let me know if I've missed anything.

Best wishes,

Nicola

Models, theories, frameworks paper: <https://implementationscience.biomedcentral.com/articles/10.1186/s13012-015-0242-0>

KtA paper: <https://pubmed.ncbi.nlm.nih.gov/16557505/>

Randomised implementation trials: methods guide: <https://www.bmj.com/content/372/bmj.m3721>

Process evaluation guidance: <https://www.bmj.com/content/350/bmj.h1258>

Overview of implementation science: <https://www.cambridge.org/core/elements/implementation-science/9E9361E2F6C1A3B894C6D202031ECD19>

Example implementation studies:

This one is a good example of thorough development of a healthcare intervention and strategy to implement it:

<https://pubmed.ncbi.nlm.nih.gov/31999887/>

The AFFINITIE program is good demonstration of embedded implementation research with theory-based development work, and rigorous outcome and process evaluation, here is one paper from the program: <https://pubmed.ncbi.nlm.nih.gov/35377572/>

CEI Asia office: <https://www.ceiglobal.org/what-we-do/where-we-work/singapore-and-asia>

Key implementation science journals: Implementation Science, Implementation Science Communications, Implementation Research and



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# Way forward – in progress planning

1. Enhancing the formal and informal training in IS
  - Online (e.g MOOC) and/or in-person training
  - Learning-as-doing activities – engagement with IS experts relevant activities
  
2. Integration and application of IS in primary healthcare
  - Learning collaboration – e.g. workshop, course etc.
  - Real-world IS research collaboration



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