



NATIONAL CENTRE OF IMPLEMENTATION SCIENCE

NCOIS Internal News – March 2021

Welcome to the March edition of the NCOIS internal newsletter.

CENTRE NEWS

Welcome new PhD Candidates

NCOIS welcomes Alison Brown and Ana Renda as PhD candidates.



Alison Brown joins us as part of the SWAP IT team brought under Stream 4 focused on optimisation the implementation of interventions.



Ana Renda joins us as part of the Early Childhood Education and Care arm of Stream 1 focused on identifying practice gaps in implementation of evidence based programs.

Welcome to the SWAP IT Team

NCOIS also welcomes the SWAP IT dissemination team, lead by Dr Rachel Sutherland. The SWAP IT program is included in Stream 4 'Optimising the Implementation of Interventions' and is a population-based behaviour change program targeting parents and carers of primary school aged children (5-12 years) using m-health strategies. We warmly welcome all into the NCOIS fold:

Dr Rachel Sutherland	<i>Research Fellow and Nutrition Program Manager</i>
Daniel Groombridge	<i>Aboriginal Program Manager</i>
Dr Jannah Jones	<i>Nutrition Project Lead</i>
Alison Brown	<i>PhD student</i>
Sarah Harwood	<i>Aboriginal Research Assistant & Project Officer</i>
Dr Fiona Stacey	<i>Project Officer</i>
Katie Robertson	<i>Project Officer</i>
Aimee Mitchell	<i>Research Assistant</i>

RESEARCH UPDATE

The NCOIS Centre Operations Team has been working closely with Stream Leads and project staff on the development of summaries that can be used to communicate our research projects with stakeholders in a more accessible format. In this March edition, we include a snapshot of summaries from the Early Childhood Education and Care (ECEC) setting, led by Associate Professor Serene Yoong and the Schools setting, led by Dr Rebecca Hodder.

Full summaries will be available on the NCOIS website soon.

Stream 1. Early Childhood Education and Care setting: Research program update

What are the aims?

This program of research will identify which childcare-based nutrition and physical activity programs and practices are effective and recommended. It will pinpoint where there are opportunities to implement programs and practices that are not currently being routinely implemented.

How is the program progressing?

The team has completed a systematic review of policies and guidelines and is currently undertaking systematic reviews of effective interventions.

Outcomes so far: The reviews have identified a number of effective healthy eating and physical activity programs and practices that largely align with policy recommendations.

What is next?

A national survey is due to be rolled out, commencing in the next couple of months.



Stream 1. Schools setting: Research program update

What are the aims?

This program of research will identify which programs and practices targeting nutrition, physical activity, obesity, tobacco and alcohol are effective in schools. It will identify which of these effective programs and practices are not currently being routinely implemented, and which should be prioritised for implementation.

How is the program progressing?

The team is currently working on systematic reviews of school-based nutrition, physical activity, obesity, tobacco and alcohol prevention interventions.

What is next?

A national telephone survey of 1000 Australia primary school principals is currently in the planning phase.



[Click here](#) to see an infographic we recently tweeted about this program

TRAINING

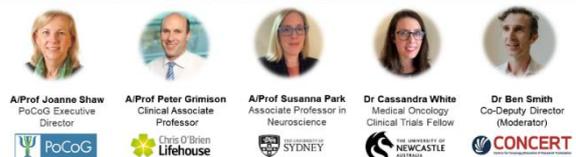
[Sydney Health Partners Implementation Science Community of Practice](#) is an online community to connect clinicians, researchers and students. Join the Community to gain access to their library of implementation science resources – including scientific articles, videos and templates to use in your own implementation projects. Plus a Newsletter outlining Implementation Science publications and relevant opportunities. [Become a member here.](#)

An example of the collaborative events held by the Community of Practice is adjacent “*How to conduct pilot & feasibility implementation trials in clinical practice.*” Click on the image to register.



PUBLICATIONS

- Lane C, McCrabb S, Nathan NK, Naylor PJ, Bauman AE, Milat A, Lum M, Sutherland RL, Byaruhanga J, Wolfenden L. How effective are physical activity interventions after scale-up? A systematic review. *Int J Behav Nutr Phys Act.* 2021. 18(1), 16. <https://doi:10.1186/s12966-021-01080-4>



- Yoong SL, Lum M, Jackson J, Wolfenden L, Barnes C, Jones J, Pearson N, McCrabb S, Hall AE, Leonard A, McDonnell T, Grady A. Healthy eating interventions delivered in early childhood education and care settings for improving the diet of children aged six year and below. Cochrane Database of Systematic Reviews 2021, Issue 1. Art. No.: CD013862, DOI: 10.1002/14651858.CD013862.
<https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD013862/epdf/full?cookiesEnabled>
- Yoong, S.L.; Jones, J.; Pearson, N.; Swindle, T.; Barnes, C.; Delaney, T.; Lum, M.; Golley, R.; Matwiejczyk, L.; Kelly, B.; et al. An Overview of Research Opportunities to Increase the Impact of Nutrition Intervention Research in Early Childhood and Education Care Settings according to the RE-AIM Framework. Int. J. Environ. Res. Public Health 2021; 18(5):2745.
<https://doi.org/10.3390/ijerph18052745>

AWARDS & SCHOLARSHIPS

HNELHD Excellence Awards

Applications close Monday 5th April. [Submit your entry here.](#)

These awards “celebrate the pinnacle of clinical excellence, quality, innovation/improvement and outstanding achievement across the District and they feed directly into the NSW Health Awards.”

Young Tall Poppy Science Awards

Applications close Tuesday 6th April. [Information on how to enter here.](#)

The annual Young Tall Poppy Science Awards recognise and celebrate the achievements of Australian scientists.

Health and Behaviour International Collaborative Award

Applications close 2nd May 2021. [Information regarding applications found here.](#)

The award has been reformatted in 2021 to reflect travel restrictions, however still aims “facilitate a mentorship collaboration with an international laboratory or research group under the guidance of an identified international mentor.”

CONFERENCES

Online Evidence and Implementation Summit (EIS) 2021- March 30th & 31st

Many of the NCOIS team will be presenting their implementation-focused research at the EIS. Find out more information about our NCOIS presenters [here](#). For more information about the conference, and to register, head to the Summit’s webpage here: [Evidence and Implementation Summit 2021](#)

USEFUL INFORMATION

Relevant papers and guides will be linked here, as a helpful resource. If you would like to submit any links to this section, email them to the [NCOIS Centre Manager](#).

Grants and Funding Information

- [Grant Funding Reference Calendar](#) A list of all available grants for 2021. Scroll to “Reference Information” to access the spreadsheet “Grant Funding Calendar_2021”

Recorded Presentations with Online Access

- [Achieving Research in a Clinical and Health Service Setting - HNE Fellows learnings and reflections](#) webinar held on 11 February 2021. Enter passcode: **HNE2021!** to access. NCOIS' own Dr Nicole Nathan presented "Progression to a successful NHMRC Investigator Grant."

Papers, Articles, Blogs, Podcasts and other media

- **A systematic review of evidence-based practice implementation in drug and alcohol settings: applying the consolidated framework for implementation research framework.**
Authors: Louie, E., Barrett, E.L., Baillie, A. *et al.* *Implementation Sci* **16**, 22 (2021).
<https://doi.org/10.1186/s13012-021-01090-7>
- [Innovative mobile phone app boosts data collection in adolescent cohort](#) *The Australian Prevention Partnership Centre*
- Podcast: ['Soft power' for prevention comes from engaging the public with prevention as a science](#) *The Australian Prevention Partnership Centre*
- [Key Concepts for Knowledge Translation and Implementation](#) *Center on Knowledge Translation for Disability & Rehabilitation Research*

Thank you for reading this edition of
NCOIS Internal News.
