

Date	Time	Title	Objectives	Max capacity
10 July	10:30 – 12:30	<b>WORKSHOP – A - Introductory</b> Introduction to the ImpRes tool and supplementary guide.  Dr Julie Williams Dr Louise Hull	<ol style="list-style-type: none"> <li>1. Understand the complexity and challenges of designing high-quality implementation research</li> <li>2. Awareness of the ImpRes tool and guide</li> <li>3. How to use the ImpRes tool and guide</li> </ol>	
10 July	10:30 – 12:30	<b>WORKSHOP B – All Levels</b> Embodying equity in implementation The social processes of implementation: understanding the intersections of trust, power and equity  Dr Julia Moore and Dr Sobia Khan	<ol style="list-style-type: none"> <li>1. Gain a deeper understanding of equity and its implications for implementation.</li> <li>2. Focus on making sense of all of the ways that people are talking about equity in implementation. We will get into how to consider equity across the implementation pathways, with a deeper dive into the StrategEase and relational pathways.</li> <li>3. By the end of the workshop, participants will have a deeper understanding of equity and practical strategies for embodying equity in their work.</li> </ol>	
10 July	10:30 – 12:30	<b>WORKSHOP C – All Levels</b> Working towards inclusion to increase health equity in under-served populations  Professor Charlotte Hanlon and Dr Tatiana Salisbury	<ol style="list-style-type: none"> <li>1. To understand why equity is important for implementation research</li> <li>2. To identify who is left out in health research and implementation</li> <li>3. To discuss practical ways to engage wider perspectives in health research and implementation</li> <li>4. To identify challenges to inclusion and how they might be addressed</li> </ol>	
10 July	10:30 – 12:30	<b>WORKSHOP D – Advanced</b> Team effectiveness implementation strategies  Professor Greg Aarons and Shawn Burke	Attendees will be able to: <ol style="list-style-type: none"> <li>1. Describe characteristics of effective teams</li> <li>2. Describe main types of team effectiveness outcomes</li> <li>3. Describe how team effectiveness approaches can be used as implementation strategies</li> <li>4. Apply team effectiveness concepts to their own research</li> </ol>	
10 July	10:30 – 12:30	<b>WORKSHOP E – Advanced</b>	<ol style="list-style-type: none"> <li>1. Discuss barriers to engaging stakeholders in implementation research and consider how these might be addressed.</li> </ol>	

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		Stakeholder engagement and partnership/embedded research  Professor Jane Sandall	<ol style="list-style-type: none"> <li>2. Consider the theoretical underpinnings of some different approaches to stakeholder engagement, including co-production.</li> <li>3. Discuss changes that might need to be made in the Academy to encourage more close working with stakeholders.</li> </ol>	
10 July	15:00 – 17:00	<b>WORKSHOP F – Introductory</b> Theories, models and frameworks in implementation science: What are they and why, when and how should we use them?  Dr Sarah Birken and Dr Louise Hull	<b>Learning objectives</b> <ul style="list-style-type: none"> <li>• Understand the purpose of using theories, models and frameworks.</li> <li>• Differentiate among determinant frameworks and theories, process models, and evaluation frameworks.</li> <li>• Identify the relevant type of theory, model, or framework for a project.</li> </ul> <b>Papers</b> <ol style="list-style-type: none"> <li>1. <a href="#">Making sense of implementation theories, models and frameworks</a></li> <li>2. <a href="#">T-CaST: an implementation theory comparison and selection tool</a></li> <li>3. <a href="#">A guide to using the Theoretical Domains Framework of behaviour change to investigate implementation problems</a></li> </ol>	
10 July	10:30 – 12:30	<b>WORKSHOP G – All Levels</b> Policy dissemination and implementation  Dr Erika Crable and Professor Paul Cairney	<ol style="list-style-type: none"> <li>1. Participants will be able to distinguish the goals and approaches of ‘policy implementation studies’ and ‘policy dissemination and implementation science studies’.</li> <li>2. Participants will be able to formulate meaningful policy-relevant dissemination and implementation research questions.</li> <li>3. Participants will be able to describe methodological and scaling up challenges, and identify feasible study designs for policy dissemination and implementation research questions.</li> </ol>	
10 July	15:00 – 17:00	<b>WORKSHOP H – Advanced</b> Rapid research and qualitative methods	Recommended Papers:	

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		<p>Professor John Øvretveit and Professor Cecilia Vindrola</p>	<p>Johnson GA, Vindrola-Padros C. Rapid qualitative research methods during complex health emergencies: A systematic review of the literature. Soc Sci Med. 2017 Sep;189:63-75. doi: 10.1016/j.socscimed.2017.07.029. Epub 2017 Aug 2. PMID: 28787628.</p> <p>Vindrola-Padros, C., Brage, E., &amp; Johnson, G. A. (2021). Rapid, Responsive, and Relevant?: A Systematic Review of Rapid Evaluations in Health Care. American Journal of Evaluation, 42(1), 13–27. <a href="https://doi.org/10.1177/1098214019886914">https://doi.org/10.1177/1098214019886914</a></p> <p>Vindrola-Padros C, Chisnall G, Cooper S, Dowrick A, Djellouli N, Symmons SM, Martin S, Singleton G, Vanderslott S, Vera N, Johnson GA. Carrying Out Rapid Qualitative Research During a Pandemic: Emerging Lessons From COVID-19. Qual Health Res. 2020 Dec;30(14):2192-2204. doi: 10.1177/1049732320951526. Epub 2020 Aug 31. PMID: 32865149; PMCID: PMC7649912.</p>	
10 July	15:00 – 17:00	<p><b>WORKSHOP I – Advanced</b> Hybrid Effectiveness – Implementation Designs</p> <p>Professor Geoff Curran, Dr Ioannis Bakolis</p> <p>Ask Tayana and Julie?</p>	<p><b>Prerequisites</b> Working knowledge of hybrid designs (understanding of rationales for their use, familiar with three types of hybrid designs), understanding of common outcome measures in implementation research, understanding of common experimental and quasi-experimental research designs in health services research.</p> <p><b>Learning Objectives</b></p> <ol style="list-style-type: none"> <li>1. Understand potential pitfalls in designing and deploying hybrid designs.</li> <li>2. Understand updated design specifications for hybrid designs.</li> <li>3. Apply a logic model to help outline hybrid study.</li> </ol>	
10 July	15:00 – 17:00	<p><b>WORKSHOP J – Advanced</b> Studying Implementation strategies as complex interventions (What are they, ERIC, IS and vaccines and their effectiveness and when they work)</p> <p>Dr Brian Mittman Professor Byron Powell</p>	<ol style="list-style-type: none"> <li>1. Define the concept of implementation strategies and identify the key typologies of implementation strategies commonly used in implementation research</li> <li>2. Define the concept of a complex health intervention and describe the key features that distinguish complex health interventions from simple interventions such as vaccines</li> <li>3. Discuss the ways in which implementation strategies are complex health interventions and discuss the implications of their features for research and evaluation designs and methods aiming to study their operation and impacts</li> </ol>	

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11 July	10:30 – 12:30	<p><b>WORKSHOP K – All Levels</b> Engagement in practice – codesign</p> <p>Professor Annette Boaz and Professor Lauren Clack</p>	<ul style="list-style-type: none"> <li>• From 2022</li> <li>• Examples of typical user-centred design methods will be introduced and applications to the design of evidence-based interventions and implementation strategies will be discussed.</li> <li>• Discuss barriers to engaging stakeholders in implementation research and consider how these might be addressed.</li> <li>• Consider the theoretical underpinnings of some different approaches to stakeholder engagement, including co-production.</li> <li>• Discuss changes that might need to be made in the Academy to encourage more close working with stakeholders.</li> </ul> <p><b>Recommended papers:</b></p> <ul style="list-style-type: none"> <li>• Dopp, A. R., Parisi, K. E., Munson, S. A., &amp; Lyon, A. R. (2019). A glossary of user-centered design strategies for implementation experts. <i>Translational behavioral medicine</i>, 9(6), 1057-1064. <a href="https://doi.org/10.1093/tbm/iby119">https://doi.org/10.1093/tbm/iby119</a></li> <li>• Chen, E., Neta, G., &amp; Roberts, M. C. (2021). Complementary approaches to problem solving in healthcare and public health: implementation science and human-centered design. <i>Translational Behavioral Medicine</i>, 11(5), 1115-1121. <a href="https://doi.org/10.1093/tbm/ibaa079">https://doi.org/10.1093/tbm/ibaa079</a></li> </ul>	
11 July	10:30 – 12:30	<p><b>WORKSHOP L – All Levels</b> Context Compass: Addressing contextual barriers and facilitators to change</p> <p>Dr Julia Moore Dr Sobia Khan</p>	<ol style="list-style-type: none"> <li>1. To equip participants with the tools to address contextual barriers and facilitators to change. Through a series of engaging activities, participants will gain a deeper understanding of the importance of context and its role in readiness, implementation, and sustainability. We will consider the embedded nature of context, highlighting the importance of unpacking system-level contextual factors.</li> <li>2. To explore how context changes over the phases of implementation (e.g., initial considerations, fit, initial implementation / readiness, and full implementation / sustainability).</li> </ol>	

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			<ol style="list-style-type: none"> <li>3. To introduce the Context Compass, an interactive online tool to help navigate and address contextual challenges and select strategies to address contextual barriers.</li> <li>4. To provide participants with practical strategies to navigate contextual barriers and facilitators to change</li> </ol>	
11 July	10:30 – 12:30	<p><b>WORKSHOP M – All Levels</b> Patient driven innovations and implementation</p> <p>Professor John Øvretveit and Dr Brian Mittman (patient advocate – professional patient)</p>		
11 July	10:30 – 12:30	<p><b>WORKSHOP N – Advanced</b> Adapting and testing frameworks</p> <p>Professor Greg Aarons and Dr Erika Crable</p>	<p><b>Workshop N – Advanced: Adapting and Testing Frameworks (Aarons, Crable)</b></p> <ol style="list-style-type: none"> <li>1. Participants will be able to critically assess existing and missing variables/relationships in dissemination and implementation science (D&amp;I) theories, models, and frameworks (TMFs).</li> <li>2. Participants will be able to describe ways to integrate TMFs from multiple fields (e.g., organizational theory, policy research) to guide real-world D&amp;I research and practice.</li> <li>3. Participants will illustrate how to adapt TMFs for their research questions and multi-level contexts.</li> </ol> <p>(updated on 9/6/2023 - please use these ones)</p>	
11 July	10:30 – 12:30	<p><b>WORKSHOP O – Advanced</b> Global Health and Implementation</p> <p>Professor Sir Graham Thornicroft And Dr Nicola Votruba</p>	<ol style="list-style-type: none"> <li>1. To understand the complexity and challenges of implementation in global health projects</li> <li>2. To identify and address conceptual and methodological considerations for designing and implementing global health research</li> <li>3. To apply the EVITA framework to support the design and successful research implementation in policy and practice</li> </ol>	

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11 July	14:30 – 16:30	<p><b>WORKSHOP P – Introductory Frameworks - frameworks and context</b></p> <p>Dr Jamie Murdoch and Dr Nadine Seward</p>	<ol style="list-style-type: none"> <li>1. To carefully consider what we mean by context in implementation research</li> <li>2. To provide an overview of different frameworks for investigating context</li> <li>3. To apply different approaches to analysing context</li> <li>4. To critically discuss the theoretical and methodological implications of Implementation Science frameworks for investigating context</li> </ol> <p>In this workshop we will set out some of the theoretical and methodological challenges for investigating the role of context in implementation research. We will share data transcripts from different health systems research projects and in small groups you will do a ‘first pass’ analysis of the transcripts using different approaches, including the use of Implementation Science frameworks.</p> <p>Recommended papers</p> <ul style="list-style-type: none"> <li>• Craig. P DR, E., Frohlich, K.L., Mykhalovskiy, E., White, M. on behalf of the Canadian Institutes of Health Research (CIHR)–National Institute for Health Research (NIHR) Context Guidance Authors Group. Taking account of context in population health intervention research: guidance for producers, users and funders of research. Southampton: NIHR Evaluation, Trials and Studies Coordinating Centre; 2018.</li> <li>• Nilsen P, Bernhardsson S. Context matters in implementation science: a scoping review of determinant frameworks that describe contextual determinants for implementation outcomes. BMC Health Services Research. 2019;<b>19</b>(189).</li> <li>• Meier N, Dopson S. Context in Action and How to Study It: Illustrations from Health Care: Oxford Scholarship Online; 2019.</li> <li>• Shoveller J, Viehbeck S, Di Ruggiero E, Greyson D, Thomson K, Knight R. A critical examination of representations of context within research on population health interventions. Critical Public Health. 2015;<b>26</b>(5):487-500.</li> </ul>	
11 July	14:30 – 16:30	<b>WORKSHOP Q – All Levels</b>	<ul style="list-style-type: none"> <li>• Recognise the role of implementation science research and practice working together.</li> </ul>	

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		<p>Sharing learning from the Applied Research Collaborations (<a href="#">ARCs</a>) rapid review on implementation: Discussion of common challenges and how to overcome them</p> <p>Sophie Lowry, Andrew Walker, Arne Wolter, Hayley Lowther-Payne</p>	<ul style="list-style-type: none"> <li>• Explore the challenges of implementation science research vs. practice, and recommendations to overcome them.</li> <li>• Consolidate Masterclass learning to work through your own implementation challenges using learning from the approaches taken by the Applied Research Collaborations.</li> </ul>	
11 July	14:30 – 16:30	<p><b>WORKSHOP R – All Levels</b> Scaling up: the ultimate challenge!</p> <p>Jane Lewis Sarah Tyndall Jo Nicholls</p>	<p><b>FROM 2022</b></p> <p>To have a good understanding, from a theoretical and practical perspective, of what it takes to scale up an intervention</p> <ol style="list-style-type: none"> <li>1. To understand the challenges involved in scaling up and how these played out, and were addressed, in specific case examples</li> <li>2. To understand the stages of intervention development and testing at which scale needs to be a consideration.</li> </ol> <p>Reading list</p> <ul style="list-style-type: none"> <li>• Fagan, A., Bumbarger, B.K., Barth, R.P., Bradshaw, C.P., Rhoades Cooper, B. Supplee, L.H. and Klein Walker, D. (2019) Scaling up Evidence-Based Interventions in US Public Systems to Prevent Behavioral Health Problems: Challenges and Opportunities. <i>Prevention Science (2019) 20:1147-1168</i></li> <li>• Greenhalgh, T. and Papousti, C. (2019) Spreading and scaling up innovation and improvement. <i>BMJ 2019: 365:l2068</i></li> <li>• Koorts, H., Cassar, C., Salmon, J., Lawrence, M., Salmon, P. and Dorling, H. (2021) Mechanisms of scaling up: combining a realist perspective and systems analysis to understand successfully scaled intervention. <i>International Journal of Behavioral Nutrition and Physical Activity (2021) 18: 42</i></li> </ul>	

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11 July	14:30 – 16:30	<p><b>WORKSHOP S – Advanced</b> Implementation Outcomes and Measurement</p> <p>Professor Byron Powell and Dr Zarnie Khadjesari</p>	<ol style="list-style-type: none"> <li>1. Summarise the evidence base on implementation outcome measures and identify measures using implementation outcome repositories.</li> <li>2. Recognise critical appraisal tools for assessing the psychometric strength of validated implementation outcome measures.</li> <li>3. Understand how to link implementation outcomes to mechanisms, utilising implementation frameworks and programme theory.</li> <li>4. Discuss gaps and common pitfalls in the implementation outcome literature since publication of Proctor et al.'s (2011) implementation outcome framework.</li> </ol>	
11 July	14:30 – 16:30	<p><b>WORKSHOP T – Advanced</b> Knowledge transformation in Health care</p> <p>Professors Andrée le May and John Gabbay</p>	<p>Although this is billed as an advanced workshop, it may be suitable also for anyone who has some involvement with and/or experience of implementation, especially if you have looked at the recommended readings before the session.</p> <p>Objectives:</p> <ol style="list-style-type: none"> <li>1. to understand and critique the relevance of the mindlines model to implementation;</li> <li>2. to explore how mindlines underpin relational interactions, including within communities of practice;</li> <li>3. to apply these two theoretical principles to develop a practical approach to knowledge mobilisation;</li> <li>4. to appreciate the range of skills needed to use that approach effectively;</li> <li>5. to explore how to undertake and evaluate this approach to not only the science but also the art and craft of implementation.</li> </ol> <p>Recommended reading:</p> <p>Gabbay J, le May A. Mindlines: making sense of evidence in practice <i>BJGP</i> 2016 66 402-3 <a href="https://bjgp.org/content/66/649/402">https://bjgp.org/content/66/649/402</a></p>	



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			<p>Gabbay J, le May A, Jefferson H, Webb D, Lovelock R, Powell J, Lathlean J. A case study of knowledge management in multi-agency consumer-informed “communities of practice”: implications for evidence-based policy development in health and social services. <i>Health. An interdisciplinary Journal for the Social Study of Health, Illness and Medicine</i>. 2003 Vol 7 283-310 <a href="https://www.istor.org/stable/26649821">https://www.istor.org/stable/26649821</a></p> <p>Wright D, Gabbay J, Le May A. Determining the skills needed by frontline NHS staff to deliver quality improvement: findings from six case studies. <i>BMJ Qual Saf</i>. 2022 Jun;31(6):450-461. <a href="https://pubmed.ncbi.nlm.nih.gov/34452950/">https://pubmed.ncbi.nlm.nih.gov/34452950/</a></p>	