

Development of the Participatory Research to Action (PR2A) Framework

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BACKGROUND

- Participatory approaches represent a paradigm shift in health services research.
- Existing participatory research frameworks are often tailored to a health sector, condition, research stage or design.¹
- Applied health services researchers in the SE Research Centre needed a framework for authentic engagement of experts-by-experience that:
 - ✓ was suitable for varied contexts and methodologies
 - ✓ addressed the continuum of research including implementation and evaluation

OBJECTIVE

To describe the development of the Participatory Research to Action (PR2A) Framework.

METHODS & RESULTS

Three cases and their corresponding learnings are described to illustrate the development and use of the PR2A Framework (Table 1).²

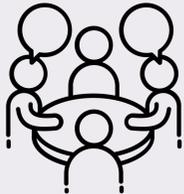
CONCLUSION

- The PR2A Framework has been successfully applied in a range of projects and could support aging researchers to lead community-engaged, action-oriented and rigorous participatory work.
- The balance of flexibility and structure within the PR2A Framework has influenced the culture of the SE Research Centre, building capacity for managing the uncertainty of participatory work.

NEXT STEPS

- Development of tools and resources to support use of the PR2A Framework outside the SE Research Centre.

Table 1: Three cases that illustrate the development and use of the PR2A Framework

Case	Description	Learnings
1. Identifying the need for a new framework 	<ul style="list-style-type: none"> • 2017 quality improvement project to improve patient and caregiver experiences of a cardiac surgery program at a large academic teaching hospital • Service design and integrated knowledge translation methods used to support synchronous co-design, actionable deliverables and involvement of decision-makers and funders throughout 	<ul style="list-style-type: none"> • Fostered creativity and authentic engagement • Difficulty describing dynamic methods a priori • Implementation and evaluation not ultimately completed
2. Developing a new framework 	<ul style="list-style-type: none"> • 2018 literature scan and interactive workshops to propose a new framework that was more suitable to applied health services research studies in the SE Research Centre • Drawing on evidence and expertise in experience-based co-design, integrated knowledge translation and service design • Output: a framework that addressed how participation could be embedded in six stages of a research cycle: readiness, discover, define, develop, deliver, and measure (Figure 1) 	<ul style="list-style-type: none"> • The PR2A Framework balances the generative potential of creativity with the rigour of a structured research process, with emphasis on implementation and evaluation
3. Applying the new framework 	<ul style="list-style-type: none"> • 2019 application of PR2A Framework in research study to explore person and family-centred dementia care needs of unpaid caregivers: <ul style="list-style-type: none"> ○ Readiness: initiative taken by family caregivers to raise the project idea and invite researchers to join an existing advisory group of experts-by-experience ○ Discover & Define: Diaries and photos produced by caregivers with a literature/ environmental scan to define the challenges facing caregivers related to person-centred dementia care ○ Develop: Co-design workshops with caregivers and care providers to create an interactive, paper-based tool to help caregivers and care providers navigate the dementia journey ○ Deliver & Measure: iteration cycles to create and test culturally adapted, multi-lingual tools in analogue and a digital formats 	<ul style="list-style-type: none"> • The PR2A Framework's iteration cycle is important for responding to unique needs of diverse communities across Canada (e.g., factors related to culture, language, geography, care setting etc.)

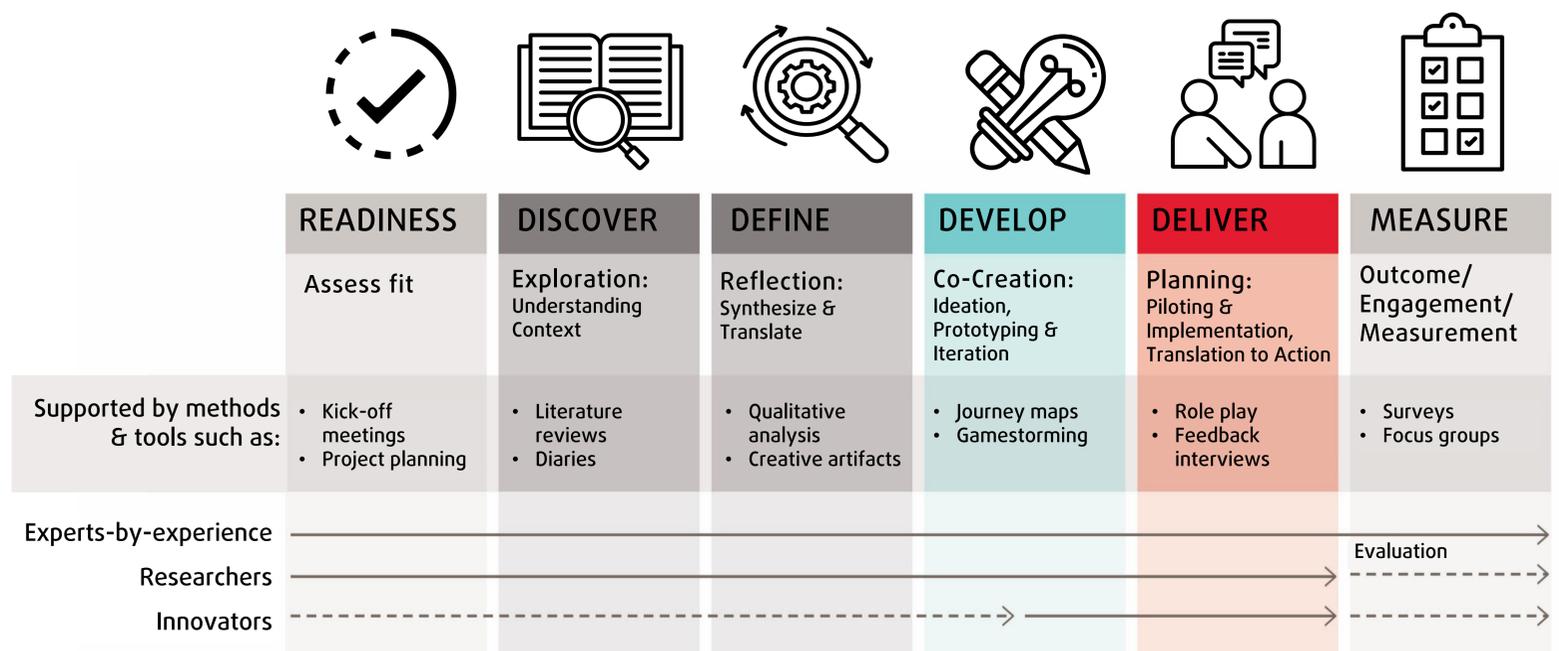


Figure 1: the Participatory Research to Action (PR2A) Framework

REFERENCES

1. Greenhalgh, T., Hinton, L., Finlay, T., Macfarlane, A., Fahy, N., Clyde, B., & Chant, A. (2019). Frameworks for supporting patient and public involvement in research: systematic review and co-design pilot. *Health expectations*, 22(4), 785-801.
2. Giosa, J., Evans, C., Cardozo, V., & Holyoke, P. (Manuscript in preparation). Development of the 'Participatory Research to Action Framework' for meaningful engagement in applied health services research. *Research Involvement and Engagement*.