



ESPACOMP 2024 Workshop: Implementation Science

10th Anniversary session!!!

Hearing all the voices - Stakeholder Involvement in Implementation Science Projects

23 November 2024, Naples (Italy)

In-person meeting

Faculty (in alphabetical order)

Dr. Charlotte Bekker, PhD (Radboud university medical center, The Netherlands)

Prof. Dr. Sabina De Geest, PhD, RN (University of Basel, Switzerland & KU Leuven, Belgium)

Dr. Juliane Mielke, PhD, RN (University of Basel, Switzerland)

Dr. Sabine Valenta, PhD, RN (University of Basel & University Hospital of Basel, Switzerland)

Prof. Dr. Bart van den Bemt, PhD, PharmD (Radboud University Medical Center, The Netherlands)

Prof. Dr. Leah Zullig, PhD (Duke Conference, USA)

Introduction

Increasing high quality evidence on how to tackle medication non-adherence has been published, yet translation of that evidence into real-world clinical practice remains challenging.[1] Implementation science defined as *“the scientific study of methods to promote the systematic uptake of research findings and other evidence-based practices into routine practice, and, hence, to improve the quality and effectiveness of health services and care”* and has gained traction as a valuable methodology to support real-world translation of interventions”. At every phase of an implementation science project, engaging stakeholders, defined as *“individuals, organizations, or communities with a direct interest in the process and outcomes of a project, research, or policy endeavour”* is highly relevant. Such an ongoing stakeholder involvement aims to create a shared understanding among individuals and to make relevant and effective decisions while maintaining a steadfast focus on addressing stakeholders' needs, ensuring the project's relevance, and leading to more effective implementation strategies. In this year's Implementation Science Workshop we will focus on **Hearing all the voices - Stakeholder Involvement in Implementation Science Projects**.

We will position implementation science among other research methodologies first. We will then continue to present the state of science of stakeholder involvement by presenting and discussing available methodological guidance and approaches and provide examples of stakeholder

involvement in implementation science projects. Group work exercises and plenary discussion rounds will allow to deepen the understanding and apply presented principles.

Learning objectives

After the workshop, participants will have an enhanced understanding, be able to discuss :

- Relevance of stakeholder involvement in Implementation Science
- The state of science of stakeholder involvement in implementation science in view of methodological guidance and approaches for stakeholder involvement

After the workshop, participants will be able to apply stakeholder involvement methods presented in case studies within all phases of an implementation science project.

Learning methods

The workshop combines theoretical lectures with plenary and group discussions. Application will be achieved through practical examples and case studies in small groups.

Target group

All researchers/clinicians/others interested in implementation science with or without previous experience/competence.

Maximum number of participants: 30

Preparations for the workshop

Please read the following papers.

Recommended:

- Bauer MS, Damschroder L, Hagedorn H, Smith J, Kilbourne AM. An introduction to implementation science for the non-specialist. *BMC Psychol.* 2015 Sep 16;3(1):32. doi: 10.1186/s40359-015-0089-9. PMID: 26376626; PMCID: PMC4573926.
- Goodman MS, Sanders Thompson VL. The science of stakeholder engagement in research: classification, implementation, and evaluation. *Transl Behav Med.* 2017 Sep;7(3):486–91.

Program (preliminary)

Time	Content	
09:00 – 09:10	Welcome and opening	Bart van den Bemt / Charlotte Bekker
09:10 – 09:50	<u>Lecture</u> : Introduction to implementation science	Leah Zullig
09:50– 10:10	<u>Exercise</u> : Sharing experiences on stakeholder involvement – problems and successes	Group work
10:10 – 10:25	<i>Break</i>	
10:25 – 11:15	<u>Lecture</u> : State of science of stakeholder involvement and methods for stakeholder involvement in implementation science (part 1 – theory)	Sabina De Geest
11:15 – 12:15	<u>Exercise</u> : How to apply stakeholder involvement in your own project	Group work
12:15 – 13:30	<i>Lunch</i>	
13:30 – 14:10	<u>Lecture</u> : State of science of stakeholder involvement and methods for stakeholder involvement in implementation science (part 2 - practice)	Charlotte Bekker
14:10 – 15:10	<u>Exercise</u> : “TBD”	TBD
15:10 – 15:20	<i>Break</i>	
15:20 – 16:20	Wrap up results from group exercise Followed by short ppt & discussion	TBD
16:20 – 16:45	Wrap up / teachable moments Evaluation Topic for next year	Bart van den Bemt

Leaders:



Dr. Charlotte Bekker

Charlotte is a biomedical scientist and works as assistant professor at the department of pharmacy, Radboudumc, the Netherlands. She is passionate to combat societal challenges and her research interest revolves around establishing sustainable medication use. For example, Charlotte investigates novel strategies aiming to reduce medication waste, to tailor drug dosages to individual patients through shared decision making, and to implement medication adherence interventions. In her work, Charlotte incorporates implementation science elements to enhance uptake of results in clinical practice.



Prof. Dr. Sabina De Geest

Sabina De Geest is a Professor of Nursing at the Faculty of Medicine of the University of Basel (Switzerland), and part-time Professor of Nursing at the KU Leuven in Belgium. She leads the PIONEER international group, an interdisciplinary research group focusing on behavioural (e.g. medication adherence) and psychosocial issues in chronically ill (e.g. transplantation, rheumatology, older persons). Driven by implementation science methodology, her research portfolio focuses on the development of innovative care models partially powered by eHealth. In addition, her research addresses psychosocial and behavioural pathways and their relation to outcomes in chronic illness as well as the development and testing of instruments to assess patient reported outcomes. She is a co-founder of the Swiss Implementation science Network (<https://impact-dph.unibas.ch/>).



Dr. Juliane Mielke

Juliane Mielke is a Postdoctoral Research Fellow at the Institute of Nursing Science at the University of Basel, Switzerland. She has a background in nursing and worked for several years in acute care settings in Germany and Switzerland. Juliane completed her PhD in 2022 which included the development of a methodology for studying context in implementation science. Her current research interest focuses on the combination of implementation science, systems science methods and routine data in integrated care research.



Dr. Sabine Valenta

Sabine Valenta is a Postdoctoral research fellow at the Institute of Nursing Science, University of Basel, and also works as a nursing scientist & advanced practice nurse (APN) at the University Hospital Basel in Switzerland. In addition, Sabine Valenta actively participates in scientific societies, including the EBMT Nurses Group Research Committee and the Swiss Association for Nursing Science, Academy Society Oncology Nursing. Her research interests span a broad spectrum of areas in healthcare, encompassing implementation science, mixed-methods research, adaptation of complex interventions, APN role development, and integration of eHealth technology in the healthcare sector. As a Co-Principal Investigator in the ongoing implementation science project *SMILE* (<https://smile.nursing.unibas.ch/>), her

primary focus revolves around the tasks of adapting, implementing, and evaluating an integrated, eHealth-facilitated care model.



Prof. Dr. Bart van den Bemt

Bart is a pharmacist/clinical pharmacologist and Professor in Personalized Pharmaceutical Care at Radboudumc and head of the pharmacy and research and innovation department and Sint Maartenskliniek, the Netherlands. His research focuses on the adequate use of drug therapy with special emphasis to medication safety and adherence. He is founder of the special interest group medication adherence of the European Society of Clinical Pharmacy and member of ESPACOMP. He was president of the

European Society of Clinical Pharmacy (ESCP) and member of several pharmaceutical care/education committees.



Dr. Leah Zullig

Leah L. Zullig, PhD, MPH is a health services researcher and an implementation scientist. She is a Professor in the Duke Department of Population Health Sciences and an investigator with the Center of Innovation to Accelerate Discovery and Practice Transformation (ADAPT) at the Durham Veterans Affairs Health Care System. Dr. Zullig's overarching research interests address three domains: improving cancer care delivery and quality; promoting cancer survivorship and chronic disease management; and improving medication

adherence. Throughout these three area of foci Dr. Zullig uses an implementation science lens with the goal of providing equitable care for all by implementing evidence-based practices in a variety of health care environments. She is the founder and director of Duke's Implementation Science Research Collaborative, or INTERACT group (<https://populationhealth.duke.edu/research/implementation-science-research-collaborative-interact>).