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IMPACT

SWISS IMPLEMENTATION SCIENCE NETWORK

1st Conference of the Swiss Implementation Science Network (IMPACT)

January 22, 2021, 9:00 - 12:00 CET

Virtual Opening Event with Keynote Lectures

January 27, February 03, 10, 17 &
March 03, 2021, 16:30 - 18:00 CET

Virtual Implementation Science Masterclass Series

The IMPACT conference has been converted to a virtual event due to the COVID-19 pandemic.



**University
of Basel**

Faculty of Medicine
Department of Public Health

Pflegewissenschaft
Nursing Science

Swiss TPH

Swiss Tropical and Public Health Institute



Welcome

On behalf of the Institute of Nursing Science, the Department Public Health and the Swiss Tropical and Public Health Institute (Swiss TPH), we warmly welcome you to the 1st Conference of the **Swiss Implementation Science Network (IMPACT)** including the opening event of **IMPACT** on January 22, 2021, as well as a virtual Masterclass series on Implementation Science with five online lectures starting January 27, 2021.

Successful translation of high-quality evidence into daily practice in clinical, health system or service organisation settings remains challenging. Research has shown that only a third of evidence-based practices are ever implemented in routine care and that the implementation trajectory takes an average of 17 years¹. This results in considerable research waste. That is, even rigorous, innovative research with promising findings often stalls before it can produce practical advances or improved quality of care. Likewise, effective health care interventions too often end up on library bookshelves instead of driving innovation in health care settings.

Implementation science offers a scientific approach to facilitating and leveraging the successful translation of safe, effective health care interventions into real-life care settings. Building on existing clinical research and health systems research methods, implementation science integrates theoretical frameworks, thorough contextual analyses, patient and public involvement, use of implementation strategies, focus on effectiveness and implementation outcomes, use of a hybrid or implementation science specific design, and a trans-disciplinary approach².

In Switzerland, our rapidly increasing focus on and understanding of implementation science makes this is a period of exceptional growth. As evidence of this, a number of implementation science projects are now funded not only by the Swiss National Science Foundation's NFP74 research program but by other competitive funding agencies as well. This is the moment to further strengthen and develop our capacities regarding implementation science².

The **Swiss Implementation Science Network (IMPACT)** has four major goals:

- (1) **to showcase** implementation science projects conducted by Swiss health care researchers and institutions;
- (2) to provide **networking opportunities** for implementation science researchers and other interested stakeholders in Switzerland;
- (3) to provide **training opportunities** for implementation science; and
- (4) to leverage **funding options** for implementation science in Switzerland.

The 1st **IMPACT** conference has two parts: On January 22, 2021, we will spend the morning celebrating the official launch of the **Swiss Implementation Science Network**, beginning with keynote lectures – the first by Professor Dr. Michel Wensing, chief editor of the pioneering journal, 'Implementation Science' (University of Heidelberg, Germany), the second by Dr. Cynthia Vinson, senior advisor for implementation science in the USA's National Cancer Institute Division of Cancer Control and Population Sciences in Washington, DC. In the following round table discussion we will have the pleasure of following experts' exchanges about other countries' experiences with implementation science.

Starting on Wednesday, January 27, 2021, we have organized a virtual Implementation Science Masterclass series with contributions from international experts Professor Dr. Leah Zullig (Duke University, USA), Professor Dr. Byron Powell (Washington University, St. Louis, USA) and Dr. Cynthia Vinson. Each Masterclasses will provide a mix of theoretical lectures & practical Swiss examples of implementation science projects, followed by a discussion.

We look forward to welcoming you virtually to participate in a tremendously exciting phase in Swiss health care research!

Prof. Dr. Sabina De Geest, Dr. Mieke Deschodt, Dr. Thekla Brunkert
Nursing Science (INS), Department Public Health, University of Basel

Prof. Dr. Jürg Utzinger, Prof. Dr. Kaspar Wyss
Swiss Tropical and Public Health Institute

¹Balas, E. A., & Boren, S. A. (2000). Managing Clinical Knowledge for Health Care Improvement. *Yearb Med Inform*(1), 65-70

²De Geest, S., Zúñiga, F., Brunkert, T., Deschodt, M., Zullig L.L., Wyss, K., Utzinger, J. (2020) Powering Swiss health care for the future: Implementation science can bridge 'the valley of death'. *Swiss Med Wkly*; 150:w20323



Opening Event, January 22, 2021

Opening event with Keynote Lectures

9.00 - 12.00 CET – Moderator: Kaspar Wyss, PhD, MPH

09.00 Opening statements

Sabina De Geest, PhD, RN

Nursing Science (INS), Department Public Health, University of Basel

Jürg Utzinger, PhD

Swiss Tropical and Public Health Institute, Basel

Torsten Schwede, PhD

Vice President for Research, University of Basel

09.15 KEYNOTE: The importance of implementation science to fuel health care innovation

Michel Wensing, PhD, MSc

Department of General Practice and Health Services Research, University of Heidelberg (Germany)

10.00 BREAK

10.15 KEYNOTE: Building blocks for a supportive research infrastructure for implementation science

Cynthia Vinson, PhD, MPA

Implementation Science Team, Division of Cancer Control and Population Sciences,
National Cancer Institute (USA)

10.45 ROUND TABLE DISCUSSION: How can Switzerland learn from other countries in view of building capacity for implementation science?

Bianca Albers, PhD; Sabina De Geest, PhD, RN; Michel Wensing, PhD, MSc; Jürg Utzinger, PhD

Moderation by Kate Molesworth, PhD

Swiss Tropical and Public Health Institute, Basel

11.15 BREAK

11.25 Mission and vision of the Swiss Implementation Science Network

Sabina De Geest, PhD, RN

Nursing Science (INS), Department Public Health, University of Basel

11.35 Get involved in the Swiss Implementation Science Network

Thekla Brunkert, PhD, PT

University Department of Geriatric Medicine FELIX PLATTER &
Nursing Science (INS), Department Public Health, University of Basel

11.50 Conclusions

Kaspar Wyss, PhD, MPH

Swiss Tropical and Public Health Institute, Basel



Implementation Science Masterclass Series

Implementation Science Masterclass Series – Lecture 1

Introduction to implementation science

27 January 2021 – 16.30-18.00 CET

16.30 Welcome and introduction to implementation science

Sabina De Geest, PhD, RN

Nursing Science (INS), Department Public Health, University of Basel

17.00 EXAMPLE: Geriatric CO-mAnagement for Cardiology patients in the Hospital (G-COACH)

Mieke Deschodt, PhD, RN

Gerontology & Geriatrics, Department of Public Health and Primary Care, KU Leuven (Belgium) & Nursing Science (INS), Department Public Health, University of Basel

17.35 Discussion round with all participants

Moderation by Sabina De Geest, PhD, RN

Nursing Science (INS), Department Public Health, University of Basel

Implementation Science Masterclass Series – Lecture 2

Hybrid designs and outcomes in implementation research

3 February 2021 – 16.30-18.00 CET

16.30 Welcome and introduction

Sabina De Geest, PhD, RN

Nursing Science (INS), Department Public Health, University of Basel

16.35 Hybrid designs & Outcomes in implementation research

Cynthia Vinson, PhD, MPA

Implementation Science Team, Division of Cancer Control and Population Sciences, National Cancer Institute (USA)

17.05 EXAMPLE: Implementation of an integrated community-based model of care for senior citizens in Canton Baselland (INSPIRE)

Maria José Mendieta Jara, MD, MPH

Nursing Science (INS), Department Public Health, University of Basel

17.35 Discussion round with all participants

Moderation by Sabina De Geest, PhD, RN

Nursing Science (INS), Department Public Health, University of Basel



Implementation Science Masterclass Series – Lecture 3

Implementation theories and frameworks

10 February 2021 – 16.30-18.00 CET

16.30 Welcome and introduction to implementation science

Sabina De Geest, PhD, RN

Nursing Science (INS), Department Public Health, University of Basel

16.35 Implementation theories & frameworks

Leah Zullig, PhD, MPH

Department of Population Health Sciences, Duke University & Center of Innovation to Accelerate Discovery and Practice Transformation, Durham Veterans Affairs Health Care System (USA)

17.05 EXAMPLE: Prevention of psychosocial distress consequences in somatic medicine: A model for collaborative care (SomPsyNet)

Nicola Julia Aebi, MSc

Swiss Tropical and Public Health Institute, Basel

17.35 Discussion round with all participants

Moderation by Sabina De Geest, PhD, RN

Nursing Science (INS), Department Public Health, University of Basel

Implementation Science Masterclass Series – Lecture 4

Contextual analysis

17 February 2021 – 16.30-18.00 CET

16.30 Welcome and introduction

Sabina De Geest, PhD, RN

Nursing Science (INS), Department Public Health, University of Basel

16.35 Contextual analysis

Thekla Brunkert, PhD, PT

University Department of Geriatric Medicine FELIX PLATTER & Nursing Science (INS), Department Public Health, University of Basel

17.05 EXAMPLE: Towards implementation of an Integrated Model of Care in Allogeneic Hematopoietic Stem Cell Transplantation facilitated by eHealth Technology (SMILe)

Juliane Mielke, MSc

Nursing Science (INS), Department Public Health, University of Basel

17.35 Discussion round with all participants

Moderation by Sabina De Geest, PhD, RN

Nursing Science (INS), Department Public Health, University of Basel



Implementation Science Masterclass Series – Lecture 5

Implementation strategies

3 March 2021 – 16.30-18.00 CET

16.30 Welcome and introduction to implementation science

Sabina De Geest, PhD, RN

Nursing Science (INS), Department Public Health, University of Basel

16.35 Implementation strategies

Byron Powell, PhD

Brown School of Social Work, Washington University, St. Louis (USA)

17.05 EXAMPLE: Nurse-led model of care in Swiss nursing homes:

Improvement of interprofessional care for better resident results (INTERCARE)

Franziska Zúñiga, PhD, RN

Nursing Science (INS), Department Public Health, University of Basel

17.35 Discussion round with all participants

Moderation by Sabina De Geest, PhD, RN

Nursing Science (INS), Department Public Health, University of Basel



Faculty

Nicola Julia Aebi, MSc

Swiss Tropical and Public Health Institute, Basel – nicola.aebi@swisstph.ch

Bianca Albers, PhD, MSc

Center for Evidence and Implementation, London, UK – bianca.albers2@ceiglobal.org

Thekla Brunkert, PhD, PT

University Department of Geriatric Medicine FELIX PLATTER & Nursing Science (INS), Department Public Health, University of Basel – thekla.brunkert@unibas.ch

Sabina De Geest, PhD, RN

Nursing Science (INS), Department Public Health, University of Basel – sabina.degeest@unibas.ch

Mieke Deschodt, PhD, RN

Gerontology & Geriatrics, Department of Public Health and Primary Care, KU Leuven (Belgium) & Nursing Science (INS), Department Public Health, University of Basel – mieke.deschodt@kuleuven.be

Maria José Mendieta Jara, MD, MPH

Nursing Science (INS), Department Public Health, University of Basel – mariajose.mendietajara@unibas.ch

Juliane Mielke, MsN

Nursing Science (INS), Department Public Health, University of Basel – juliane.mielke@unibas.ch

Kate Molesworth, PhD

Swiss Tropical and Public Health Institute, Basel – kate.molesworth@swisstph.ch

Byron Powell, PhD

Brown School of Social Work, Washington University, St. Louis (USA) – bjpowell@wustl.edu

Torsten Schwede, PhD

Vice President for Research, University of Basel – torsten.schwede@unibas.ch

Jürg Utzinger, PhD

Swiss Tropical and Public Health Institute, Basel – juerg.utzinger@swisstph.ch

Cynthia Vinson, PhD, MPA

Implementation Science Team, Division of Cancer Control and Population Sciences, National Cancer Institute (USA) – cvinson@mail.nih.gov

Michel Wensing, PhD, MSc

Department of General Practice and Health Services Research, University of Heidelberg (Germany) – michel.wensing@med.uni-heidelberg.de

Kaspar Wyss, PhD, MPH

Swiss Tropical and Public Health Institute, Basel – kaspar.wyss@swisstph.ch

Leah Zullig, PhD, MPH

Department of Population Health Sciences, Duke University & Center of Innovation to Accelerate Discovery and Practice Transformation, Durham Veterans Affairs Health Care System (USA) – leah.zullig@duke.edu

Franziska Zúñiga, PhD, RN

Nursing Science (INS), Department Public Health, University of Basel – franziska.zuniga@unibas.ch



General information

Registration

Registration for the entire Masterclass Series will be possible until **January 10, 2021**.

Registration for individual Masterclass lectures will be possible until **one week before the lecture date**.

Registration online via <https://impact-dph.unibas.ch>

IMPACT opening event	Free but registration required
Masterclass Series (5 sessions)	CHF 320
Masterclass per lecture	CHF 70

Language

The opening event and all masterclasses will be in English.

Conference platform

A Zoom-link will be sent to all participants at least one week before each event.

Scientific committee

Nursing Science (INS), University of Basel

Department Public Health, University of Basel

Swiss Tropical and Public Health Institute

Cancellation

In the event of cancellation, a written notification must be sent to the conference organisation. In the event of cancellation before January 10, 2021, a processing fee of CHF 50.00 will be charged; from January 10, 2021 onwards, a cancellation fee of CHF 160 will be charged.

Replacing of participants is allowed after confirmation with the conference organisation.

Programme changes

The conference organization reserves the right to modify the program slightly, or cancel the conference in case of too few registrations at the end of the registration period.

Conference organisation

Ms Juliane Barnick

Nursing Science (INS), University of Basel

Bernoullistrasse 28 – CH-4056 Basel

Phone + 41 (0) 61 207 09 16

Fax + 41 (0) 61 207 09 55

Email impact-dph@unibas.ch

Twitter @impact_swiss





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