

# CATALOGUE TRAINING WORKSHOPS

COMPONENT :  
METHODOLOGICAL DEVELOPMENT



+ 1 514 896-3447

[info.unitesoutiensrapqc@ssss.gouv.qc.ca](mailto:info.unitesoutiensrapqc@ssss.gouv.qc.ca)

Follow our news :

[www.unitesoutiensrapqc.ca](http://www.unitesoutiensrapqc.ca)

[@UniteSoutien](#)



## UNIVERSITY PARTNERS



## PARTENAIRES PRINCIPAUX



# TABLE OF CONTENTS



Mixed  
methods  
(F001)



Reflexive  
synthesis  
(F002)



Realist  
approach  
(F003)



Protocol  
revision  
(F004)



Research  
Literacy  
(F005)



OPR  
(F006)



Complex care  
needs  
(F008)



Academic  
social  
networks  
(F009)



Bibliometrics and  
«almetrics»  
(F010)



Predatory  
Publishing  
(F011)



Qualitative  
research  
(F012)



Types of  
reviews  
(F013)



Data  
collection  
(F014)

## UNIVERSITY PARTNERS



## MAIN PARTNERS



## TRAINING MIXED METHODS



Decision-making processes at each level of the health system must be based on the best available scientific evidence with input from researchers, policy makers, managers, health professionals and patients. Given the complexity of health services and health care, these results come from research using several types of methods, e.g. qualitative, quantitative and mixed (combining qualitative and quantitative methods). It therefore becomes important to know how to plan, conduct and report research using mixed methods.

### Learning Objectives

- Develop relevant questions for research with mixed methods,
- Determine appropriate designs and analysis strategies for this type of research,
- Report the results of research using mixed methods,
- Assess the methodological quality of research using mixed methods.



### Overview

Webinar offered in French

2 sessions over one day

- Session 1: Morning (3h)
- Session 2: Afternoon (3h)



### Registration fees

**No registration fee**



### Teachers

**Pierre Pluye, MD, Ph. D**

Full professor, FRQS Senior Research Fellow,  
Department of Family Medicine, McGill  
University

Director, Methodological Development  
component, Quebec SPOR SUPPORT Unit



### Prerequisite(s)

**None**



Registration required



By email, at [supportunit.fammed@mcgill.ca](mailto:supportunit.fammed@mcgill.ca)

Return to the table  
of contents



## TRAINING

# REFLECTIVE SYNTHESIS: A NEW METHOD OF QUALITATIVE SYNTHESIS FOR MIXED STUDY EXAMS



Reflexive synthesis is a new method of qualitative synthesis that allows researchers to synthesise not only the results of primary research, but also the authors' reflections on these results. In addition, the process of data reduction allows for the synthesis of a large volume of qualitative, quantitative and mixed-method research while gaining in-depth understanding through qualitative analysis.

### Learning objectives

- Distinguish reflexive synthesis from other types of knowledge synthesis,
- Understanding the method of reflective synthesis
- Apply the techniques of reflective synthesis to quantitative, qualitative or mixed publications.



#### Overview

Workshop in French (three hours)



#### Registration fees

None



#### Prérequisite(s)

None



#### Teachers

TBA



Registration required (cancellation notice of more than 48 hrs required)



By email, at [supportunit.fammed@mcgill.ca](mailto:supportunit.fammed@mcgill.ca)

Return to the table of contents



## TRAINING

# ON KEY CONCEPTS OF THE REALIST APPROACH TO PATIENT-ORIENTED RESEARCH



Realist evaluation makes it possible to go beyond the question of the effectiveness of an intervention, to propose an explanation of the way in which it produces its effects, taking into account the influence of the context and the actors involved. The key concepts of the realist approach can also be applied to the synthesis of knowledge (synthesis or realist review), as well as to any research on modes of organisation or operation (realist research).

### Learning objectives

- Position the realist approach in epistemological currents ;
- Distinguish between realist research, realist evaluation and realist synthesis;
- Discern the different levels and types of theories on which the realist approach is based;
- Understand the key concepts of the realist approach (mechanisms, Context-Mechanism-Effect configuration, and semi-regularities).



#### Overview

Workshop in French (three hours)



#### Registration fees

None



#### Prerequisite(s)

None



#### Teachers

**Émilie Robert, Ph. D.**

Research consultant, member of SHERPA (Research. Immigration. Society)

Co-founder of the network “Collective initiative on realist approach to evaluation and synthesis” (ICARES in French)

**Paula Bush, Ph. D.**



Registration required



By email, at [supportunit.fammed@mcgill.ca](mailto:supportunit.fammed@mcgill.ca)

Return to the table  
of contents



## TRAINING PROTOCOL REVISION WORKSHOP



The Quebec SPOR SUPPORT Unit (methodological development component) offers you an "open" internal revision workshop of your research protocols, using qualitative methods. This virtual workshop will be conducted as a peer review committee. That is, participants will help each other to improve their respective protocols with the help of a methodological expert from the component.

Therefore, attending this workshop requires that participants read the protocols of other participants and be ready to offer feedback.

### Learning objectives

- Receive precise indications to improve the "methods" section of their research protocol.
- Receive exposure to a variety of designs and methods, according to the protocols of their peers.



#### Overview

Workshop in French (2 hrs)



#### Registration fee(s)

None



#### Prerequisite(s)

Share the methods section of their research protocol (or any other aspect of the protocol that relates to OPR).



#### Teacher(s)

Paula Bush, Ph. D

Sign and submit the confidentiality form

Prepare questions to ask your peers during the workshop

Be prepared to help peers improve the methods section of their respective protocols.



Registration required



By email, at [supportunit.fammed@mcgill.ca](mailto:supportunit.fammed@mcgill.ca)

Return to the table  
of contents



# TRAINING RESEARCH LITERACY WORKSHOP



The Methodological Development Component of the Quebec SPOR SUPPORT Unit is pleased to invite you to this entertaining 3-hour workshop on research literacy. Research literacy is defined as having sufficient knowledge of scientific ethics and methods to understand basic research concepts and to communicate with researchers and other participants.

This workshop is open to patients, managers, clinicians and anyone interested in research and collaboration with researchers (hereafter referred to as stakeholders).

## Learning objectives

- The aim of this workshop is to ensure that stakeholders find, understand and use a common language.



### Overview

Workshop in French (3 hrs)



### Prerequisite(s)

None



### Registration fee(s)

None



### Teacher(s)

- **Pierre Pluye, MD PhD** Full Professor, McGill University
- **Paula Bush, Ph D**, Academic Associate
- **Vera Granikov, MLIS**, PhD candidate, McGill University
- **Araceli Gonzalez Reyes, MSc**, PhD student, McGill University
- **Serge Djossa Adoun, PhD**, Knowledge Translation Manager, Methodological Development Component
- **Reem El Sherif, MSc**, PhD candidate, McGill University



Registration required



By email, at [supportunit.fammed@mcgill.ca](mailto:supportunit.fammed@mcgill.ca)

Return to the table  
of contents



## TRAINING ON ORGANISATIONAL PARTICIPATORY RESEARCH



Participatory research involves conducting research WITH participants rather than ON them. These participants are therefore research partners. Rooted in the work of Kurt Lewin on action research and Chris Argyris on organisational learning (action science), organisational participatory research (OPR) is a form of participatory research where the research partners are academics and members of the organisations involved. OPR combines quantitative, qualitative or mixed research methods with action to improve healthcare practices, services and policies.

### Learning objectives

- Distinguish RPO from other currents in participatory research;
- Know the processes of OPR;
- Apply the processes of OPR in their own research projects;
- Know the possible additional benefits of OPR.



#### Overview

Workshop in French (3 hrs)



#### Registration fee(s)

None



#### Prerequisite(s)

None



#### Teacher(s)

Paula Bush, Ph. D



Registration required



By email, at [supportunit.fammed@mcgill.ca](mailto:supportunit.fammed@mcgill.ca)

Return to the table  
of contents



# TRAINING

## SHARED INTERPROFESSIONAL DECISION MAKING WITH PATIENTS WITH COMPLEX CARE NEEDS



Description coming soon

### Learning objectives

- Coming soon



### Overview

Workshop in French (3 hrs)



### Prerequisite(s)

None



### Registration fee(s)

None



### Enseignants

To be announced



Registration required



By email, at [supportunit.fammed@mcgill.ca](mailto:supportunit.fammed@mcgill.ca)

Return to the table  
of contents



## TRAINING

### RESEARCH, ACADEMIA.EDU and OPEN ACCESS: WHAT ARE THEY FOR OR ARE THEY USELESS?



- Are you on ResearchGate or Academia.edu? Have you checked your publishing contract before uploading your manuscript?
- Are you funded by CIHR? Have you met the Tri-agency open access requirement?

#### Structure

This session will explore the potential uses, benefits and drawbacks of university social networking sites (e.g., ResearchGate). We will present some alternatives and dissect their link to open access and funding policies.



#### Overview

Workshop in French (1.5 hrs)



#### Prerequisite

None



#### Registration fee(s)

None



#### Teacher(s)

**Alexandra Kohn**

Head of Office of Copyright Compliance, McGill University

**Vera Granikov**

Research-embedded information specialist with the McGill Methodological Development Platform of the Quebec SUPPORT Unit



Registration required



By email, at [supportunit.fammed@mcgill.ca](mailto:supportunit.fammed@mcgill.ca)

Return to the table  
of contents



# TRAINING

## MEASURING SCIENCE WITH BIBLIOMETRIC INDICATORS AND ALMETRICS



Quantitative indicators have been used for decades to measure the scientific output and impact of researchers, institutions, countries, disciplines, etc. These measurements, usually carried out using bibliometric indicators based on publications in peer-reviewed journals and citations, are now defined by new indicators (the "altmetrics") mainly based on web and social media and aimed at providing a broader overview of research output and impact.

### Structure

This presentation will discuss these indicators, the data sources from which they are constructed, their strengths and weaknesses, and their potential use for research evaluation.



#### Overview

Lunchtime discussion in French (one hour)



#### Registration fee(s)

None



#### Prerequisite(s)

None



#### Teacher(s)

**Philippe Mongeon, MSc, PhD**

Postdoc. researcher, Centre for Science and Technology Studies (CWTS)

Member of the Canada Research Chair in the Transformation of Scholarly Communication



Registration required



By email, at [supportunit.fammed@mcgill.ca](mailto:supportunit.fammed@mcgill.ca)

Return to the table  
of contents



## TRAINING

# PREDATORY PUBLISHING: WHAT IT IS AND HOW TO AVOID IT



A January 2017 article in University Affairs magazine stated the following "Academics are being duped by fraudulent journals". The article highlighted some common fears and concerns about publishing in today's academic landscape. This leads many graduate students and professors to ask: how do we know what a credible publication or conference is? Is it a legitimate request to publish my thesis or is it a scam?

### Structure

This session will focus on predatory publishing, how to identify a legitimate publisher, resources available to assist researchers on campus, and common myths and perceptions about open access.



#### Overview

Workshop in English (1.5 hrs)



#### Registration fee(s)

None



#### Prerequisite(s)

None



#### Teacher(s)

**Jessica Lange**

Scholarly Communications Librarian, McGill University

**Alexandra Kohn**

Head of Office of Copyright Compliance, McGill University



No registration required



By email, at [supportunit.fammed@mcgill.ca](mailto:supportunit.fammed@mcgill.ca)

Return to the table  
of contents



# TRAINING

## INTRODUCTION TO QUALITATIVE RESEARCH



Qualitative research makes it possible to explore aspects of an issue that numbers cannot reveal. Indeed, numbers sometimes have limitations in translating or explaining the factors conditioning certain aspects of a social phenomenon (e.g. adherence to a drug treatment).

### Learning objectives

- Understand the importance of qualitative research and recognise different contexts where it is relevant;
- Formulate qualitative research questions;
- Recognize different methods or techniques for collecting and analyzing qualitative data.

### Target audience

This workshop is intended for researchers and students in the field of quantitative methods, clinicians and medical residents, as well as managers.



#### Overview

Workshop in French (3 hrs)



#### Registration fee(s)

None



#### Prerequisite(s)

None



#### Teacher(s)

Paula Bush, Ph. D



Registration required



By email, at [supportunit.fammed@mcgill.ca](mailto:supportunit.fammed@mcgill.ca)

Return to the table  
of contents



## TRAINING

# LITERATURE REVIEWS: WHY YOU GET LOST AND HOW TO FIND YOUR WAY BACK



Literature reviews represent a large part of the scientific literature published and consulted by the scientific and non-scientific community. Traditionally, the methods used to conduct literature reviews were not always well described. These reviews were criticised for their lack of objectivity and scientific rigour. To increase scientific rigour, researchers have developed methods to systematize the review process, commonly known as "systematic review". Since then, various types of literature reviews have been developed, such as rapid review, reviews of reviews and scoping reviews.

### Learning objectives

- Distinguish between the different types of reviews;
- Distinguish between methods of synthesis;
- Understand the process of production of a systematic review.



#### Overview

Workshop in French (3 hrs)



#### Registration fee(s)

None



#### Prerequisite(s)

None



#### Teacher(s)

**Quan Nha Hong, erg, MSc, PhD**

Postdoc. intern, EPPI-Centre, University College London and Institut national d'excellence en santé et en services sociaux (INESSS)



Registration required



By email, at [supportunit.fammed@mcgill.ca](mailto:supportunit.fammed@mcgill.ca)

Return to the table  
of contents



# TRAINING

## DATA COLLECTION METHODS IN QUALITATIVE RESEARCH



Description coming soon

### Learning objectives

- Distinguish between different qualitative data collection methods;
- Know how to develop an interview grid, analyse qualitative data and interpret the results of the analysis.



### Overview

Workshop in French (3 hours)



### Registration fee(s)

None



### Prerequisite(s)

None



### Teacher(s)

**Quan Nha Hong, erg, MSc, PhD**

Postdoc. intern, EPPI-Centre, University College London and Institut national d'excellence en santé et en services sociaux (INESSS)



Registration required : Cancellation notice of 48 hrs in advance required



By email, at [supportunit.fammed@mcgill.ca](mailto:supportunit.fammed@mcgill.ca)

Return to the table of contents

