

# 5TH INTERNATIONAL MULTIDISCIPLINARY PAEDIATRIC & NEONATAL ACUTE & CRITICAL CARE RESEARCH SCHOOL



January 19-21, 2023

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Lausanne, Switzerland

# THE RESEARCH SCHOOL



This two-and-a-half program aims to build research methods knowledge and research capacity by promoting future collaboration and networking between multidisciplinary healthcare professionals working in paediatric and neonatal acute and critical care.

Lectures, workshops, and discussions are led by established professorial faculty with many years of experience in paediatric critical care.

The course is intended for all clinicians and researchers (physicians, nurses, allied health providers, psychologists, and others) interested in clinical research and evidence-based practice in paediatric and neonatal acute and critical care.

The programme provides:

- Opportunities for participants to discuss their projects/ideas in safe and facilitated peer group discussions.
- Keynote plenary lectures, followed by optional choices guided by the participants' level of existing knowledge and interests. Three tracks are proposed A) Roadmap for conducting clinical research, B) Advanced methods and C) Building Up a research career.
- Various research methodological approaches to answer innovative clinical issues questions.
- Networking opportunities with people who share similar passions and interests
- To build national, European, and international research collaborations in the paediatric & neonatal fields
- To create networks of early career and senior researchers in these fields (PICU and NICU)

In addition to the 2-day educational programme, a half-day Research exchange workshop will be offered to allow clinicians and researchers to share research expertise and discuss the progress of ongoing specific collaborative research projects as well as potential future projects and collaboration in a collegial and multidisciplinary discussion forum. This year nutrition and PICU long-term outcome research will be the focus of this half-day.

# IN DETAIL

## **FOCUS**

This Research School will address various research methodologies and provide opportunities to create networks of early career and senior researchers with experts and colleagues and build national, European, and international research collaborations in paediatric & neonatal acute and critical care.

## **INTENDED FOR**

All clinicians and researchers (physicians, nurses, allied health providers, psychologists, and others) interested in clinical research and evidence-based practice in paediatric and neonatal acute and critical care.

## **LOCATION**

This in-person Research School will take place in Lausanne University Hospital, Lausanne, Switzerland.

## **COST**

EARLY RATE until November 15, 2022: 220€ for ESPNIC members and 290€ for non-ESPNIC members.

REGULAR RATE until January 10, 2023: 240€ for ESPNIC members and 310€ for non-ESPNIC members.

The fee covers participation in the two-day programme, half-day workshop, the dinner on Thursday night, lunches, and coffee breaks during School.

## **APPLICATIONS**

Click the link below to submit your application and pay for your seat.

Once you register, you will receive an automated email of confirmation.



# MEET THE FACULTY TEAM



## **PROF ANNE-SYLVIE RAMELET**

Switzerland

Anne-Sylvie Ramelet, RN, RSCN is a Full Professor and Head of the PhD in nursing sciences programme at the Institute of Higher Education and Research in Healthcare - IUFRS of the Faculty of Biology and Medicine at the University of Lausanne, Switzerland. She is also a Nurse Consultant for Paediatric Nursing Research at the Department of woman, mother and child at the University Hospital of Lausanne - CHUV, Switzerland. Prior to her academic career, she worked as a registered nurse in neonatal, paediatric and adult intensive care for more than 15 years mainly in Australia, but also in Switzerland.



## **PROF JOS M. LATOUR**

UK

Jos Latour is a professor in clinical nursing at the University of Plymouth (UK) and a professor in paediatric nursing at Hunan Children's Hospital, Changsha (China). Jos has been an intensive care nurse for over 30 years. His clinical post is based at the Musgrove Park Hospital in Taunton in the UK where he is the director of the Clinical School aiming to drive research forward with clinical staff. The research programmes of Jos are related to patient and family-centred care, end-of-life, emergency and sepsis.



## **PROF LYVONNE N TUME**

UK

Professor Tume is Professor of Critical Care Nursing at Edge Hill University. She holds an honorary clinical and research contract in PICU at Alder Hey Children's Hospital. She is the editor of Nursing in Critical Care and on the editorial board for Pediatric Critical Care Medicine. She is a PICU nurse with over 25 years' experience both in Australia and in the UK (dual British and Australian citizenship) and continues to maintain some clinical practice. She has over 100 peer-reviewed publications and has held several NIHR research grants, including chief investigator for a multicentre trial, one of the few nurses to have led a trial of this size and one of only two in intensive care.

# MEET THE FACULTY TEAM



## **PROF LUREGN SCHLAPBACH**

Switzerland

Luregn Schlapbach is Head of the 41-bed multidisciplinary Pediatric and Neonatal Intensive Care Unit at the University Children's Hospital Zurich, Switzerland, and Chair of the ESPNIC Section on Infection, Inflammation, and Sepsis. He has published over 200 papers in the field and has received several large grants with a focus on clinical trials on sepsis, infection, and inflammation in critically ill children. After having worked for a decade as a paediatric intensivist in Australia he maintains an active research program on Sepsis, Infection, and Inflammation in Critically Ill Children at the University of Queensland. He is the Past Chair of the Australian and New Zealand Intensive Care Society Paediatric Study Group.



## **PROF MARTHA A.Q. CURLEY**

USA

Prof Martha A. Q. Curley is the Ruth M. Colket Endowed Chair in Pediatric Nursing at the Children's Hospital of Philadelphia and Professor at the University of Pennsylvania School of Nursing. She also holds a joint appointment in Anesthesia and Critical Care Medicine at the University's Perelman School of Medicine. Her research, funded by multiple branches of the National Institutes of Health in the United States, has focused on nurse-led interventions in pediatric critical care. Over several decades, her work has focused on the primacy of patients and their families. Her studies have informed the practice of caring for critically ill pediatric patients with acute respiratory failure, illuminated relationship-based care when partnering with parents-of-critically-ill children and the phenomena of Post Intensive Care Syndrome in paediatrics.

# MEET THE FACULTY TEAM



## **DR MARIA-HELENA PEREZ**

Switzerland

Dr. Maria-Helena Perez is a specialist in pediatrics and intensive care medicine at CHUV and senior lecturer at the Faculty of Biology and Medicine, UNIL. She has been working at CHUV, PICU since 2005. Her research focus on pediatric patients' hemodynamics, nutrition and improving care of critically ill children.



## **DR ZAHRA RAHMATY**

USA

Dr. Zahra Rahmaty is a postdoctoral fellow at IUFERS, Faculty of Biology and Medicine, UNIL. She is a registered nurse in Iran and USA and has experience working in ICU. She got her PhD degree from the University of Maryland, United States where she learned advanced statistics and worked with well-known experts in child health and development. Currently she works on the project Post Intensive Care Syndrome in Swiss Pediatric survivors and Families (PICSS-PF)



# AGENDA DAY 1

A.	Roadmap for conducting clinical research
B.	Advanced methods
C.	Building up a research career

08.00

Registration

08.30-09.00

Welcome and Introduction

Prof Anne-Sylvie Ramelet

09.00 – 09.15

Introduction to “My Thesis in 3 minutes”

Prof Jos Latour

09.15 – 10.15

Finding your best supervisor, mentor, or co-chief investigator: the pitfalls and the successes

Prof Martha Curley, Prof Jos Latour, Prof Luregn Schlapbach

10.15 – 10.45

Coffee and networking

10.45 – 12.30

A. roadmap for conducting clinical research: from research question to End of the study  
Prof Martha Curley

B. Getting the best out of your PhD supervisors  
Prof Jos Latour &  
Dr Chantal Grandjean

C. How to be an effective research supervisor - How to deal with challenging/conflicting situations  
Prof Luregn Schlapbach

12.30 – 13.30

Lunch and networking

13.30 – 15.00

A. roadmap for conducting clinical research: from data collection to data entry QUAL  
TBC

B. Performing a systematic review to inform your study question  
Prof Anne-Sylvie Ramelet

C. Setting up multidisciplinary research collaborations across Europe & beyond  
Prof Jos Latour

15.00 – 15.30

Coffee and networking

15.30 – 17.00

A. From research to commercial product  
Ms. Ibo Macdonald &  
Dr Maria-Helena Perez

B. Mixed methods approaches to clinical research  
Prof Lyvonne Tume

C. Establishing a budget and funding applications for your research  
Prof Luregn Schlapbach

19:30

Dinner and Networking

# AGENDA DAY 2

A.	Roadmap for conducting clinical research
B.	Advanced methods
C.	Building up a research career

8.30 – 10.30

3-min thesis presentations

10.30 – 11.00

Coffee and networking

11.00 – 12.30

A. roadmap for conducting clinical research QUAL data analyses.  
TBC

B. How to design, test and evaluate a survey instrument?  
Prof Lyvonne Tume

C. How to develop yourself and your research program  
Prof Luregn Schlapbach & Prof Martha Curley

12.30– 13.30

Lunch and networking

13.30 – 15.00

A. roadmap for conducting clinical research Basic statistical analysis – which tests to use for what data  
Dr Zahra Rahmaty

B. Combining Qual and Quant data  
Prof Anne-Sylvie Ramelet

C. Current controversies in research ethics with different trial designs and in the emergency setting  
Prof Lyvonne Tume

15.00 – 15.15

Coffee and networking

15.15– 16.00

A. Road map for dissemination and impact of your work  
Prof Jos Latour

B. Surviving and excelling at your PhD defense  
Prof Anne-Sylvie Ramelet

C. How to use social media in the context of research  
Prof Lyvonne Tume

16.00- 16.45

Looking back into the future for pediatric and critical care research  
Dr Martha A.Q. Curley

16.45 – 17.00

Prize for best 3-minute thesis presentation and closing

17.00-17.30

Closing



# AGENDA DAY 3

# RESEARCH DAY

8.30 – 10.00

Nutrition

10.00 – 10.30

Coffee Break

10.30 – 12.00

Long Term outcomes

12.00– 13.00

Moving Forward & Closing

# GENERAL INFORMATION

## DATE AND VENUE:

January 19-21, 2023

Lausanne University Hospital, Lausanne, Switzerland

## LANGUAGE OF THE RESEARCH SCHOOL

English

## ORGANISING SECRETARIAT

ESPNIC Secretariat Office

Email: [info@espniceu](mailto:info@espniceu)

