

6th ESPNIC Research School

5-7 Feb 2024



The Research School

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

Lectures, and discussions are led by established professorial faculty with many years of experience in pediatric 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 Pediatric & Neonatal Critical Care, Anesthesia, Emergency and Acute medical specialties. The program 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. Two tracks are proposed A) Basic of research, and B) Research for advanced researchers.
- Various research methodological approaches to answer innovative clinical issues questions.
- To practice communication skills via the 3-minute study pitch and automatically enter the contest. Participants of the top 3 best pitches will win prizes (1st prize: free ESPNIC congress, 2nd prize: free research school, 3rd prize free ESPNIC membership for one year).
- Networking opportunities with people who share similar passions and interests.
- To build national, European, and international research collaborations in pediatric- and neonatal-related fields
- To create networks of early career and senior researchers in these fields

- In addition to the 2-day educational program, 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 PICU long-term outcome research will be the focus of this half-day with the Prof Joseph Manning chairing the session.

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 pediatric & 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 Pediatric & Neonatal Critical Care, Anesthesia, Emergency and Acute medical specialties.

LOCATION

This in-person Research School will take place in Lausanne Switzerland on the University campus. [[l'Amphipôle](#), UNIL]

COST

EARLY RATE until Dec 15, 2023: 220€ for ESPNIC members and 290€ for non-ESPNIC members.

REGULAR RATE from Dec 16, 2023: 240€ for ESPNIC members and 310€ for non-ESPNIC members. Please register before Jan 30, 2024.

Note. *Please be aware that you can apply to become an ESPNIC member before the 15th of Dec to benefit from the members rate and membership until the 31 of December 2024.*

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

APPLICATIONS

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

[ESPNIC Research School - ESPNIC](#)

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 program 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 Pediatric 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, pediatric, 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 pediatric 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 programs of Jos are related to patient and family-centered 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 150 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.



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 pediatric 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 Pediatric Study Group.



DR ZAHRA RAHMATY

Switzerland

Dr. Zahra Rahmaty is a research fellow at the Institute of Higher Education and Research in Healthcare – IUFRS, Faculty of Biology and Medicine of the University of Lausanne, Switzerland. Dr. Rahmaty is a nurse scientist who specializes in child development and health outcomes research, with a focus on post-intensive care outcomes. She also has a special interest and skills in advanced statistical and research methodologies. Dr. Rahmaty is a registered nurse in Iran and the USA. She obtained her master's degree in pediatric nursing from the Iran University of Medical Sciences and her Ph.D. from the University of Maryland, USA. Currently she is the Principal Investigator of the multicenter national study of Post Intensive Care Syndrome in Swiss Pediatric survivors and Families (PICSS-PF) project.



PROF AKASH DEEP

UK

Prof Akash Deep is a Pediatric Intensivist & Director of Pediatric Intensive Care at King's College Hospital. He trained in prestigious Mumbai and Chandigarh Institutes and sub-specialized in Pediatric Intensive Care at Great Ormond Street Hospital, St Mary's Hospital and Royal Brompton Hospital, London. Dr. Deep is also the main author for the National Pediatric Sepsis Toolkits for Pediatrics and has co-authored the safety netting leaflet for sepsis awareness for parents in the UK. He is actively involved in sepsis awareness campaigns for the schools and GPs. He is the medical advisor to the UK Sepsis Trust Executive Committee and represents England in the Core Panel Group to standardize pathways for the care of acutely unwell children in the Emergency Department.



PROF Joseph C. Manning

UK

Prof. Joseph Manning MBE is a Clinical-Academic Children's Nurse with a strong national and international profile within the fields of nursing, pediatric critical care, and clinical academic capacity and capability development. He is the Professor of Nursing and Child Health in the School of Healthcare at the University of Leicester and Nottingham Children's Hospital at Nottingham University Hospitals NHS Trust, UK. He leads a methodologically diverse (exploratory through to intervention development and testing) but clinically focused program of research with a mission to improve the experiences, outcomes and lives of children, young people and their families that access acute care. He has received more than £8 million in competitive grant capture from national and international funders. He was part of the team the first conceptualized post-intensive care syndrome in the pediatric population (PICS-p) and has built a strong program of research in this field. He is the Chief investigator of the NIHR funded UK national OCEANIC study that is exploring long term outcomes of children and families following PICU, and a Co-Investigator of the North American PICS-p Longitudinal cohort study, the Singaporean SHACK study, and the Swiss PICS-PF Study.



Dr. IBO MACDONALD

Switzerland

Dr. MacDonald is a scientific collaborator at the Institute of Higher Education and Research in Healthcare (IUFRS) at the University of Lausanne. She developed expertise in the development of an online, evidence based, integrated clinical decision support tool for the assessment and management of pain, sedation, delirium, and iatrogenic withdrawal for use in pediatric intensive care units. Dr. MacDonald is also an expert in systematic reviews and evidence-based clinical guidelines. She is a nurse, originally from Canada, who over her 18-year career, has specialized in implementation science, focusing on transferring evidence-based practices in many healthcare organizations.



Dr. Roger Hilfiker

Switzerland

Roger Hilfiker is a physiotherapist and epidemiologist (Ph.D. in Health Sciences / Epidemiology from the Bern University) and works as biostatistician at the Healthcare Research Platform of the Institute of Higher Education and Research in Healthcare – IUFRS, Faculty of Biology and Medicine of the University of Lausanne, Switzerland, and in his private physiotherapy practice in Brig/Valais. In addition, he teaches measurement properties, systematic review/meta-analysis, and statistics at the Bern University of Applied Sciences. He has many years of experience in planning, conducting, and analyzing scientific studies, including multicenter trials. His roles in the about ninety published peer-reviewed articles ranged from data manager, statistician to principal investigator.

AGENDA

DAY 1, Feb 5th

Time	Group A Basic Research	Group B Advanced research
08:30	Registration	
09:00-09:30	Welcome and Introduction Prof. Anne-Sylvie Ramelet	
09:30-10:30	Main phases of clinical research From pre-clinical to phase IV From clinical effectiveness research to implementation Prof Akash Deep/ Prof Anne-Sylvie Ramelet	
10:30-11:00	Coffee break and networking	
11:00-12:30	Getting your research question right Prof. Anne-Sylvie Ramelet	Applying for a fellowship or a grant: Why, What, Where, and How Prof Lyvonne N. Tume
12:30-13:30	Lunch and Networking	
13:30-15:00	Reviewing the literature – which review type to choose? Scoping, Integrative, or Systematic review? And tips and resources to support the review process. Dr. Ibo MacDonald	Nuts and bolts of delivering a research study as chief investigator Prof Joseph Manning
15:00-15:30	Coffee break and networking	
15:30-16:30	What method should I choose: Quantitative, Qualitative or Mixed methods? Prof. Anne-Sylvie Ramelet	Researching medical devices – the pitfalls and things to consider Prof Akash Deep
16:45-18:30	How to prepare your 3-minute study pitch Prof Jos M. Latour	
19:30	Dinner and Networking	

AGENDA

DAY 2, Feb 6th

Time	Group A Basic Research	Group B Advanced research
08:30-10:30	3 Minutes Thesis Pitch Prof Jos M. Latour	
10:30-11:00	Coffee break and Networking	
11:00-12:00	Planning quantitative data analyses Dr. Zahra Rahmaty	Developing a data management plan in complex multicenter studies Dr Roger Hifiker
12:00-13:00	Lunch and networking	
13:00-14:00	Key components of research funding and where, as a novice researcher, can I find this? Prof Joseph Manning Prof Akash Deep	Issues to consider in designing an RCT: superiority vs. non-inferiority, individual or cluster trial, primary outcomes Prof Luregn Schlapbach Prof Lyvonne N. Tume
14:00-15:00	Ethical issues in research involving children– and applying for ethical approval: what I need to know Prof Anne-Sylvie Ramelet	New trials designs: Platform trials – what are they, how do they work and how can I interpret the findings Prof Luregn Schlapbach
15:00-15:15	Coffee break and networking	
15:15-16.15	How to undertake survey research robustly: avoiding the common pitfalls Prof Lyvonne N. Tume	Research involving big data and AI: what are the opportunities for research? Speaker TBC
16:15-17:15	Introduction to inferential statistics and using structural equation modeling. Dr Zahra Rahmaty	Development and testing of digital health interventions Dr. Ibo MacDonald
17:15-18:15	Basic qualitative analyses Prof Joseph C. Manning	Researching CTIMPs: what I have learned from drug trials and issues to consider

		Prof Luregn Schlapbach
18:15-18:40	Research and Researchers: fun factors in life-long journeys Prof Jos M. Latour	

AGENDA

DAY 3, Feb 7th

Half day – day 3 – Developing research collaboration.

Time	Group A Basic Research	Group B Advanced research
09:00-10:00	Developing your research program and yourself as a researcher (metrics) Prof Jos M. Latour Prof Luregn Schlapbach	
10:00-11:00	Top Tips from editors to get your paper published Prof Lyvonne N. Tume Prof Jos M. Latour	
11:00-11:30	Coffee break and networking	
11:30-13:00	PICU long term outcome research updates Prof Joseph C. Manning Dr. Zahra Rahmaty	

General Information

DATE AND VENUE:

Mon 5th to Wed 7th of February 2024

The University of Lausanne, Lausanne, Switzerland [[l'Amphipôle](#), UNIL]

LANGUAGE OF THE RESEARCH SCHOOL

English

ORGANIZING SECRETARIAT & CONTACT INFORMATION

ESPNIC Secretariat Office

Email: info@espniceu

Accommodation

www.trivago.ch can help you find the cheapest option for a wide range of hotels in Lausanne and around.

Alternative low cost accommodation options

<https://www.french.hostelworld.com/pwa/hosteldetails.php/Lausanne-Youth-Hostel-Jeunotel/Lausanne/15746?from=2024-02-04&to=2024-02-07&quests=1&origin=microsite>

