

Curriculum Vitae

Kristina Elfving, senior consultant and associate professor of pediatrics

Linked-in

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Research gate

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Kristina Elfving (MD, PhD) senior consultant and associate professor of pediatrics is a Swedish senior consultant working with pediatric infectious disease, humanitarian field worker and lecturer with a research focus on clinical trials, undernutrition, perinatal and neurodevelopmental outcomes as well as pediatric infectious disease dynamics in Sweden and Sub-saharan Africa. She has as principal investigator ongoing collaborations with research institutions and individual researchers as well as supervision of PhD students in Rwanda, Malawi, Tanzania/Zanzibar, Uganda, USA, and the Nordic Countries.

Current employments/affiliations

- **Specialist of Child and Adolescent Medicine, (Paediatrician) Senior consultant**, Queen Silvia Children's Hospital, Sahlgrenska University Hospital, Gothenburg. Ongoing.
- **ALF-research position at Västra Götalandsregionen/GU**, School of Public Health and Community Medicine and Department of pediatrics, University of Gothenburg, Sweden. (half time 2020-2024, continuing 2025-2029) (awarded after competition)

Ongoing projects and responsibilities

- **Principal investigator and holder of a grant from ALF Behandlingsforskning on “Probiotic Supplementation in Very Preterm Infants: Effects on Neurodevelopment and Neonatal Outcomes, a Nationwide Register-Based Study”**
- **Principal investigator of an RCT in Rwanda “Probiotic treatment versus placebo to risk newborns for prevention of infant mortality or undernutrition - a two-arm multi-center superiority randomized controlled trial”**
- **Holder of a starting grant (main applicant) from Vetenskapsrådet (The Swedish Research Council), Sweden, 2023-2026. “Probiotic treatment versus placebo to risk newborns for prevention of infant mortality or undernutrition - a two-arm multi-center superiority randomized controlled trial”, 4,77 million SEK.**
- **Deputy team leader** in the SIDA funded bilateral research programme between Sweden and University of Rwanda. **“Undernutrition- an interdisciplinary programme focusing on children and their mothers”**
- **Co-investigator and PhD supervisor** in the EU-funded *“Team Europe Initiative on manufacturing and access to vaccines, medicines and health technologies in Africa”* in Rwanda and Sweden
- **Main supervisor for 2 PhD students and co-supervisor for 8 PhD students at Swedish Universities.**
- **Co-investigator** in a trial on COVID-vaccine schedule to children 5-12 years old, in collaboration with Pediatric Clinical Research Centre (PCRC), Sahlgrenska University hospital.
- **Lecturer and coordinator** of Global Child Health and malnutrition and pediatric infectious disease at the University of Gothenburg (undergraduate (MD, nurse), master and PhD level).
- **Member technical working group** for guidelines for management of severe acute malnutrition in Sweden.

Other scientific qualifications:

Publications in the last five years: n=14 including 2 clinical reviews. **Citations** n=730. **Reviewer** for academic journals: Plos Medicine, American Journal of Tropical Medicine and Hygiene, Acta Paediatrica, Pediatric Infectious Disease Journal, Scientific Reports, Tropical Medicine and International Health.

5 important publications in the last 5 years

1. Utumatwishima JN, Mogren I, **Elfving K**, Umubyeyi A, Mansourian A, Krantz G. *Women's exposure to intimate partner violence and its association with child stunting: findings from a population-based study in rural Rwanda.* Glob Health Action. 2024;17(1):2414527.
2. Orfanos I, Krusell ET, **Elfving K**. *Utility of interleukin-6 to identify serious bacterial infections in febrile infants aged ≤ 60 days.* Acta Paediatr. 2024.

3. Orfanos I, Lindkvist RM, Eklund EGA, Elfving K, Alfven T, de Koning TJ, et al. *Physician's conceptions of the decision-making process when managing febrile infants ≤ 60 days old: a phenomenographic qualitative study.* BMC Pediatr. 2024;24(1):81.
4. Orfanos I, Alfven T, Mossberg M, Tenland M, Sotoca Fernandez J, Eklund EA, **Elfving K**, *Age- and sex-specific prevalence of serious bacterial infections in febrile infants ≤ 60 days, in Sweden.* Acta Paediatr. 2021;110(11):3069-76.
5. Larsson M, Myrnerets Hook S, Mpamize A, Tylleskar T, Lubulwa C, Trevisanuto D, et al. *Oxygen saturation after birth in resuscitated neonates in Uganda: a video-based observational study.* BMJ Paediatr Open. 2022;6(1).

Other international assignments

- **Telemedicine consultant pediatrics.** Médecins Sans Frontières/Doctors Without Borders, MSF.

Previous positions including international assignments

- **PhD candidate (degree 191004).** Title: "*Acute febrile illness in preschool children in Zanzibar- infectious aetiologies, diagnosis and treatment*". Department of Infectious Diseases, Institution of Biomedicine, University of Gothenburg. Main supervisor: Magnus Lindh, Professor of clinical virology. Half time 2012-2019
- **Chief senior consultant,** Queen Silvia's University Children's Hospital. 2018-2021
- **Course leader** pediatrics course for medical students with a medical degree from outside the European Union who complete their education in Sweden. (University of Gothenburg) 2012, 2018, 2021.
- **Main clinical supervisor** for paediatric residents in Gothenburg. (n=2)
- **Supervisor of scientific projects** within the pediatric residency, " (n=2) (Mårten Larsson and Emmi Evert Krusell)
- **International secretary** of the Paediatric infectious disease society within the Swedish Paediatric Society.
- **Supervisor of the degree thesis for the medical programme and global health master students:** (n=10)
- **Study coordinator/co-principal investigator different malaria studies.** Karolinska Institutet / Zanzibar Malaria Research Unit and University of Gothenburg, 2009-2012.
- **Humanitarian field work with MSF (MD):** Malnutrition project, Ethiopia, Access to health care in Kidal region, Mali, Paediatric secondary care, Liberia. 2006-2009.
- **Member of the core scientific committee.** Médecins Sans Frontières (MSF)
- **Student representative** in the institutional exchange between Mbarara University of Science and Technology, Uganda and Department of Social Medicine, Lund University, Sweden. 2001
- **Assistant lecturer ("amanuens")** "Health care in developing countries". Department of Community Medicine, Lund University 2001.

Previous employment

- **Paediatric clinical work including residency of paediatrics in Sweden,**
 - Malmö University Hospital, (January to October 2003).
 - Queen Silvia's University Children's Hospital. (December 2005-continuing. Residency (ST-läkare) until December 2012, after that specialist of paediatrics).
- **Internship (AT- Allmäntjänstgöring):** Kungälv Hospital, 21 months of M.D. internship. (October 2003-July 2005)

Educational Background

- PhD (see above)
- MD Programme, Lund University, 1996-2003.
- Secondary school degree, Science Programme, Hvitfeldtska gymnasiet, 1992-1995.

Languages

Swedish: Mother tongue; English: Fluent in writing and speaking; German: Good in writing and speaking; French: Fair in speaking and basic in writing.