

# Curriculum vitae PD Dr. Salome Dell-Kuster, MD, MSc

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ResearchID: H-4259-2017

## Professional research experience

- 07/2012 – present Senior researcher and biostatistician, Basel Institute for Clinical Epidemiology and Biostatistics (CEB), University Hospital Basel (USB), Switzerland (Prof. H.C. Bucher)  
PI, Co-PI and senior investigator in clinical and methodological studies in perioperative patient safety, including PI in multicentre international observational study
- 11/2008 – 06/2012 Junior researcher and biostatistician, CEB, USB, Switzerland (Prof. H.C. Bucher)  
Co-PI and Co-investigator and statistical consultant in clinical studies in the field of perioperative patient safety, neuroanaesthesia, cardiac anaesthesia and emergency medicine; statistical and methodological consultancy in over 100 different clinical research projects for the surgical department including visceral, orthopaedic, trauma, paediatric, vascular, cardiothoracic, reconstructive surgery, neurosurgery and translational medicine
- 09/2006 – 09/2007 Master of Science in Medical Statistics, London School of Hygiene and Tropical Medicine (LSHTM), London, UK (Prof. S. Pocock, Prof. B. De Stavola, Prof. S. Evans)
- 06/2006 – 08/2006 Research fellow in perioperative patient safety: Critical Incident Reporting System (CIRS), Department of Anaesthesiology, USB, Switzerland (Prof. M. Kaufmann)
- 06/2004 – 05/2006 Co-investigator in a clinical study: Clinical, biochemical and genetic risk factors for a prolonged duration of action of succinylcholine, Department of Anaesthesiology, USB, Switzerland (Prof. T. Girard)

## Professional clinical experience (Anaesthesiology)

- 04/2012 – present Consultant, Department of Anaesthesiology, USB, Switzerland (Prof. L.A. Steiner)
- 10/2007 – 03/2012 Resident, Department of Anaesthesiology, USB, Switzerland (Prof. D. Scheidegger)
- 04/2004 – 05/2006 Resident, Department of Anaesthesiology, USB, Switzerland (Prof. D. Scheidegger)
- 01/2003 – 12/2003 Resident internal and intensive care medicine, Department of Internal Medicine, Bürgerspital Solothurn, Switzerland (PD R. Schoenenberger)
- 07/2002 – 12/2002 Resident surgery and intensive care medicine, Department of Surgery, Bürgerspital Solothurn, Switzerland (Dr. J-P. Barras, Dr. P. Schumacher)
- 04/2000 – 03/2002 Resident, Department of Anaesthesia, Bürgerspital Solothurn, Switzerland (Dr. P. Schumacher)

## Education

- 08/2017 Research group leader perioperative patient safety, USB, Switzerland
- 06/2017 Habilitation (venia docendi) on 'Perioperative patient safety', University of Basel, Switzerland
- 09/2011 Board Certification in Anaesthesiology and Emergency Medicine, Switzerland
- 11/2007 Master of Science in Medical Statistics, LSHTM, London, UK  
Courses in introduction in statistics, linear regression, survival analysis, generalised linear model (GLM), hierarchical data analysis, epidemiology and advanced epidemiology, public health
- 01/2004 Doctoral Thesis, University of Basel, Switzerland (Prof. J. Hammer)
- 11/1999 Graduation Medical School (Staatsexamen), University of Basel, Switzerland
- 1993 - 1999 Medical School University of Basel and University of Lausanne, Switzerland

## Postgraduate Courses

- 01/2018 Prognostic Research: From Basics to Modelling (Swiss Epidemiology Winter School, Wengen)
- 09/2017 Negotiation: Know what you want, get what you need (Filling the Gap, University of Zurich)
- 07/2017 Training in appointment proceedings for women in medicine (Filling the Gap, University of Zurich)
- 01/2016 Generalised additive models (Prof. S. Wood, University of Zurich, Switzerland)
- 06/2015 Advanced trauma life support (ATLS), University Hospital Zurich, Switzerland
- 06/2015 CTU theme day: Research consent
- 05/2014 Multi-level modeling: Analysis of clustered data Prof. M. Rösli, Swiss TPH, Basel, Switzerland)
- 09/2014 GCP sponsor-investigator

06/2014	Courses in university didactics
06/2014	Course in GCP inspections
06/2013	Missing data analysis course (Prof. M. Kenward, Prof. J. Carpenter, LSHTM, London, UK)
06/2013	CTU theme day: The new law on human research
10/2012	start4neo Basic Skills Course
05/2012	GCP course (investigator/co-investigator)
01/2009	Ultrasound-guided regional anaesthesia course (Paris, France)
01/2010	Causal inference in observational epidemiology course (Prof. M. Hernan, Prof. J. Sterne, Institute for Social and Preventive Medicine, Bern, Switzerland)
11/2008	Colloquium perioperative coagulation management (Klosters, Switzerland)
06/2006	Mentoring program (11 months (06/2006 - 04/2007), USB, Switzerland)
05/2006	Advanced Complication Management Simulation
11/2004	Human aspects development (HAD) course (4 days)
11/2004	Emergency medicine course (SGNOR; University Hospital Basel, Switzerland)
10/2002	Advanced cardiac life support course (ACLS), University Hospital Basel, Switzerland

### **Institutional responsibilities**

Member of the dissertation award committee at the Medical Faculty, University of Basel, Switzerland  
Quality management representative for cross-departmental function USB, Switzerland  
Journal club for resident and consultants, Department of Anaesthesiology, USB, Switzerland  
Staff roster for all consultants, Department of Anaesthesiology, USB, Switzerland  
Information evenings for expectant parents (labour analgesia and anaesthesia), USB, Switzerland

### **Grants**

Main applicant: total CHF 310,089; Co-applicant: total CHF 26,000

### **Teaching postgraduate**

- Supervision of master theses and PhD candidates
- On-job clinical training of residents
- Faculty member of Masterclass in Statistics and Research Methodology for European Society of Anaesthesiology
- GCP course for clinicians
- Lectures about study design for the Department of Surgery
- Lectures about basic statistics for preparation of board-certification in anaesthesia
- Statistical consulting for clinical studies

### **Teaching undergraduate**

- Lecturer: biostatistics for medical students (2<sup>nd</sup> year Bachelor's)
- Lecturer (group studies): evidence-based medicine for medical students (POEM; 3<sup>rd</sup> year Bachelor's)
- Lecturer (group studies): social and preventive medicine (3<sup>rd</sup> year Bachelor's)
- On-job clinical training of medical students
- Statistical consulting for master's and doctoral theses

### **Memberships**

SGAR Swiss Society of Anaesthesiology and Resuscitation  
SAOA Swiss Association of Obstetric Anaesthesia  
OAA Obstetric Anaesthetists' Association United Kingdom  
VSAO Association of Swiss Residents and Consultants  
ESA Active member of European Society of Anaesthesiology  
Faculty member for ESA Masterclass in Statistics and Research Methodology

### **Reviewing activities**

British Journal of Anaesthesia; SNF Project calls; European Journal of Anaesthesiology; BMC Medical Research Methodology; BMC Health Services Research