

## Personal information

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Date of birth 30 July 1986  
Nationality Swiss  
Website University of Lucerne [www.unilu.ch/katharina-roser](http://www.unilu.ch/katharina-roser)  
OrCID 0000-0001-5253-3333  
Web of Science Researcher ID AAI-1429-2020  
Google Scholar <https://scholar.google.ch/citations?user=QHpYGxcAAAAJ&hl=de>  
ResearchGate [https://www.researchgate.net/profile/Katharina\\_Roser](https://www.researchgate.net/profile/Katharina_Roser)

## Short Biography

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Katharina Roser studied Mathematics at the University of Basel. From 2012 until 2015, she did her PhD in Epidemiology at the Swiss Tropical and Public Health Institute (Swiss TPH) in Basel in the framework of the HERMES (Health Effects Related to Mobile phone use in AdolescentS) project aiming to investigate whether the use or the radiation of mobile phones and other wireless communication devices impact the health and the behaviour of adolescents. Since 2016, she works as a Senior Research Fellow at the Department of Health Sciences and Medicine at the University of Lucerne. In parallel, she worked as a scientific collaborator at the Cancer Registry of Central Switzerland on a project on the epidemiology of cancer in adolescents and young adults in Central Switzerland (2017-2018) and at the Swiss National Science Foundation on a project investigating new features in one of the funding schemes for early career researchers (2019). Since January 2020, she is the principal investigator of a project on adolescent and young adult (AYA) cancer in Switzerland. The project aims at providing a first detailed overview on the epidemiology of AYA cancer in Switzerland and describing the psychosocial health of survivors of AYA cancer. Since May 2021, she is a Lecturer and Senior Researcher at the Department of Health Sciences and Medicine.

## Current Position

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05/2021 – present **Lecturer and Senior Researcher**  
Department of Health Sciences and Medicine, University of Lucerne, Lucerne

## Education

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13.11.2018 GCP Course Sponsor-Investigator Level  
29.10./06.11.2018 GCP Course Investigator Level  
07/2017 – 06/2018 **“Teaching in Higher Education: Basic Training in Higher Education Teaching”**  
at the University of Lucerne  
24.03.2016 Completion SSPH+ PhD Program in Public Health  
21.12.2015 PhD Defence  
Committee: Prof. Dr. Martin Rössli, Prof. Dr. Jürg Utzinger, Dr. Anke Huss  
PhD Thesis “Exposure assessment for mobile phone use and radiofrequency electromagnetic fields and the application in a Swiss cohort study” (*magna cum laude*); Supervisor: Prof. Dr. Martin Rössli  
01/2012 – 12/2015 **PhD in Epidemiology**  
Department of Epidemiology and Public Health, Swiss Tropical and Public Health Institute (Swiss TPH), Basel; Supervisor: Prof. Dr. Martin Rössli; Project: HERMES (*Health Effects Related to Mobile phone use in AdolescentS*)  
08/2008 – 09/2011 **Master of Science in Mathematics**  
University of Basel, Basel  
08/2005 – 07/2008 **Bachelor of Science in Mathematics**  
University of Basel, Basel

## Employment

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01/2016 – 04/2021 **Senior Research Fellow**  
Department of Health Sciences and Medicine, University of Lucerne, Lucerne

- 06/2019 – 12/2019 **Scientific Collaborator**  
Career Division, Swiss National Science Foundation (SNSF), Bern
- 07/2017 – 06/2018 **Scientific Collaborator**  
Cancer Registry of Central Switzerland, Lucerne Cantonal Hospital, Lucerne
- 06/2016 – 12/2016 **Coordinator**  
Working group *Mental Health* of the International Late Effects of Childhood Cancer Guideline Harmonization Group (IGHG), University of Lucerne, Lucerne
- 01/2012 – 12/2015 **PhD in Epidemiology**  
Department of Epidemiology and Public Health, Swiss Tropical and Public Health Institute (Swiss TPH), Basel

### Approved funding for research projects

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- 05/2021 – 07/2021 Project start-up funding of the University of Lucerne research committee (Forschungskommission): The long shadow of childhood cancer: socio-economic hardship after childhood cancer (co-principal applicant; CHF 6'189)
- 01/2021 – 04/2021 Project grant of the University of Lucerne research committee (Forschungskommission): "My child might never be able to have own children: Worries of parents of very long-term childhood cancer survivors" (co-principal applicant; CHF 7'914)
- 11/2020 – 01/2021 Project grant of the University of Lucerne research committee (Forschungskommission): "Psychological, quality of life and socio-economic outcomes during the COVID-19 pandemic" (co-principal applicant; CHF 14'168)
- 01/2020 – 12/2022 Project funded by Palatin-Stiftung, Zentralschweizer Krebsliga, Avenir Stiftung, and two anonymous foundations: "Adolescent and young adult cancer survivors: epidemiology and psychosocial health" (principal applicant; CHF 288'000)
- 07/2017 - 10/2017 Project grant of the University of Lucerne research committee (Forschungskommission): "Adolescent and young adult cancer epidemiology in Central Switzerland" (principal applicant; CHF 6'684)

### Research projects

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#### Ongoing projects:

- 01/2019 – 12/2023 PanCareFollowUp: Novel, patient-centred survivorship care to improve care quality, effectiveness, cost-effectiveness and accessibility for survivors and caregivers (European Union's Horizon 2020 Research and Innovation Programme)
- 01/2020 – 12/2022 Adolescent and young adult cancer survivors: epidemiology and psychosocial health (Palatin-Stiftung, Zentralschweizer Krebsliga, Avenir Stiftung, and two anonymous foundations)
- 01/2019 – 03/2023 GROKids: Grandparents' involvement and psychosocial outcomes when a grandchild is diagnosed with cancer: acute and long-term consequences (Swiss National Science Foundation (SNSF))
- 03/2020 – 04/2021 Psychological, quality of life and socio-economic outcomes during the COVID-19 pandemic (University of Lucerne research committee (Forschungskommission))

#### Completed projects:

- 11/2017 – 07/2020 Needs for Psychosocial Care after Childhood Cancer - A mixed methods study (Krebsforschung Schweiz)
- 07/2017 – 06/2018 Adolescent and young adult cancer epidemiology in Central Switzerland (University of Lucerne research committee (Forschungskommission))

- 05/2017 – 04/2020 Improving Follow-up Care of Childhood Cancer: Implementation of Screening for Psychological Distress (Krebsforschung Schweiz)
- 01/2016 – 12/2018 Psychological late effects in long-term childhood cancer survivors –Development of guidelines for follow-up care (Krebsliga Zentralschweiz)
- 08/2014 – 01/2018 Parents of long-term childhood cancer survivors (Swiss National Science Foundation (SNSF), Kinderkrebshilfe Schweiz)
- 08/2014 – 07/2015 Population based personal radiofrequency electromagnetic field exposure measurements in Zurich (Amt für Abfall, Wasser, Energie und Luft (AWEL) Zürich)
- 01/2012 – 12/2014 HERMES: Health Effects Related to Mobile Phone Use in Adolescents (Swiss National Science Foundation (SNSF))

**Other collaborations:**

Cancer Registry of Central Switzerland; Swiss Childhood Cancer Registry at the Institute of Social and Preventive Medicine (ISPM), University of Bern

**Teaching activities**

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- 05/2021 – present University of Lucerne  
**BSc in Health Sciences** (German)
- 01/2016 – present University of Lucerne  
**MSc in Health Sciences** (English): Research Design, Quantitative Methods 1 (Introductory Session), Statistics and Epidemiology, Requirements 2 – Mathematics, Requirements 3 – Literature Research and Writing Skills, Dream Exercise Human Functioning Sciences, Term Papers  
**Joint Medical Master UniLU-UZH** (German): Modul Wissenschaftliches Arbeiten
- 01/2012 – 12/2015 University of Basel and Swiss TPH  
Master in Epidemiology  
Bachelor in Medicine  
Bachelor in Biology

**Supervision of junior researchers**

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**PhD students in Health Sciences at the University of Lucerne**

- 06/2021 – present: Céline Bolliger (second supervisor)
- 04/2019 – present: Anica Ilic (not formal supervisor)
- 08/2018 – present: Cristina Priboi (not formal supervisor)
- 05/2017 – 12/2020: Erika Harju (Co-promoter)
- 01/2016 – 09/2020: Julia Bänziger (Co-promoter)
- 01/2016 – 09/2017: Luzius Mader (not formal supervisor)

**Other PhD students**

- 10/2019 – present: Barbara Gantner, LUKS, Lucerne (not formal supervisor)
- 02/2017 – 04/2021: Ruth Hersche-Cupelli, SUPSI, Lugano (not formal supervisor)
- 12/2016 – 03/2021: Dr. med. Maria Otth, ISPM, University of Bern, Bern (not formal supervisor)

**Master students in Health Sciences at the University of Lucerne**

- 07/2021 – 06/2022: Katja Rüesch
- 05/2021 – 04/2022: Michaela Kaufmann
- 07/2020 – 12/2020: Aurelia Altherr
- 06/2019 – 05/2020: Annah Gordon-Hoover, Berglind Halldorsdottir
- 06/2018 – 05/2019: Divine Kalenda, Fidan Kerimbekova, Maria Mojarrad
- 06/2017 – 05/2018: Nathalie Hartmann, Mona Piller, Luisa Neves da Silva
- 06/2016 – 05/2017: Erika Harju, Constanza Francois, Tenzin Loeden Bhugyal

**Master students at the Swiss TPH**

- 01/2012 – 12/2015: Anja Tesic, Daniela Rechsteiner, Seid Adem, Noemi Meier

## Memberships in panels, boards, and scientific societies

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### Boards:

- 01/2019 – present      Member of the Clinical Sciences Group/Kommission Wissenschaftliches Arbeiten of the Joint Medical Master UniLU-UZH (Universities of Zurich and Lucerne)
- 03/2020 – 10/2020    Member of the “Berufungskommission” for “Open Rank Professur für Community Medicine” at the University of Lucerne
- 07/2018 – 07/2019    Member of the “Kommission für ausgezeichnete Abschlussarbeiten”, Faculty of Humanities and Social Sciences, University of Lucerne

### Memberships:

International Guidelines Harmonization Group (IGHG); Pan-European Network for Care of Survivors after Childhood and Adolescent Cancer (PanCare)

### Reviewing activities:

*Funding agencies:* Deutsche Krebshilfe

*Scientific journals:* Journal of Adolescent and Young Adult Oncology, Health Psychology, Cancer Medicine, BMC Cancer, Psycho-Oncology, Haematologica, Environmental Research, International Journal of Environmental Research and Public Health, International Journal of Hygiene and Environmental Health, Sustainability, Asia-Pacific Journal of Oncology Nursing, BMC Cancer, Cancer Reports, Cancer Medicine, The Journal of Rural Health, Patient Education and Counseling

## Prizes and awards

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- 10/2020      **LORY-Preis 2020** für die meisten auf dem Lucerne Open Repository (LORY) bereitgestellten Open-Access-Publikationen; Prof. Dr. Gisela Michel and team
- 10/2019      **SIOP Young Investigator Award** for abstract “Health-related quality of life in parents of long-term childhood cancer survivors: Swiss Childhood Cancer Survivor Study – Parents” at SIOP 2019, Lyon, France
- 09/2019      **Key Paper of the Month** selected by the journal Psycho-Oncology for “A systematic review on the use of the emotion thermometer in individuals diagnosed with cancer”
- 05/2015      **Young Scientist Award** at AT-RASC 2015, Gran Canaria, Spain

Lucerne, 6 September 2021