

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: Arnaud CHIOLERO

POSITION TITLE: Full Professor in Public Health; Head of the Population Health Laboratory (#PopHealthLab); Chief Epidemiologist of the Observatoire valaisan de la santé

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.*)

| INSTITUTION AND LOCATION | DEGREE (if applicable) | Completion Date MM/YYYY | FIELD OF STUDY |
|---|---------------------------|----------------------------|----------------|
| School of Medicine, University of Lausanne, Switzerland | Medicine diploma | 1997 | Medicine |
| University of Lausanne, Switzerland | MD | 2001 | Medicine |
| Erasmus University, NIHES, Rotterdam, Netherland | MSc | 2006 | Epidemiology |
| Department of Epidemiology, McGill University, Canada | PhD | 2011 | Epidemiology |

A. Personal Statement

I am an epidemiologist and public health physician (board certified). I am Full Prof of Public Health at the University of Fribourg, Adjunct Prof at the University of Berne, and Adjunct Prof in the School of Global and Population Health of McGill University. Since October 2019, I am Director of the Population Health Laboratory (#PopHealthLab; <https://projects.unifr.ch/pophealthlab/>) at the University of Fribourg, and Academic co-Director of the Swiss School of Public Health (SSPH+; <https://ssphplus.ch>). I also work as chief-physician (médecin-chef) epidemiologist at the Observatoire valaisan de la santé in Sion (www.ovs.ch), Switzerland, where I oversee health surveillance activities. Initially trained as a medical doctor (MD) at the University of Lausanne (www.unil.ch) in Switzerland, I trained in epidemiology at Erasmus University Rotterdam (www.nihes.nl) in the Netherlands (MSc) and at McGill University in Montreal (www.mcgill.ca) in Canada (PhD). I lead epidemiological research with a focus on life course epidemiology of chronic diseases (cardiovascular diseases, cancer) and public health surveillance.

B. Positions, Scientific Appointments, and Honors**Academic appointments**

Since 2019 **Full Professor in Public Health**, University of Fribourg, Switzerland (UniFR; www.unifr.ch); Population Health Laboratory - #PopHealthLab <https://projects.unifr.ch/pophealthlab/>

Since 2019 **Adjunct Professor**, Institute of Primary Health Care, University of Bern, Switzerland (BIHAM; www.biham.unibe.ch)

2018-2019 **Associate Professor in Public Health and Primary Care**, Institute of Primary Health Care, University of Bern, Switzerland (BIHAM; www.biham.unibe.ch)

Since 2015 **Adjunct Professor**, Department of Epidemiology, Biostatistics, and Occupational Health, McGill University, Montreal, Canada (www.mcgill.ca/epi-biostat-occh/arnaud-chiolero). Research and teaching activities about population health surveillance and life course epidemiology.

2011-2020 **Senior Lecturer (Privat-Docent)** at the Institute of Social and Preventive Medicine, University of Lausanne (www.unil.ch).

Past research and professional activities

2017-2019 Deputy Director at the Institute of Primary Health Care of the University of Bern (BIHAM; www.biham.unibe.ch). Research and teaching about life course epidemiology with a focus on chronic diseases (hypertension, cardiovascular diseases, cancer) and about health services (screening, public health surveillance, overdiagnosis).

| | |
|-----------|---|
| 2015-2017 | Academic director of the CAS in Public Health, University of Lausanne (www.unil.ch), Switzerland. |
| 2010-2017 | Senior lecturer (Privat-Dozent & Maître d'Enseignement de Recherche) at the Institute of Social and Preventive Medicine, University of Lausanne (www.unil.ch) & Lausanne University Hospital (www.chuv.ch), Switzerland. Research and teaching about life course epidemiology with a focus on chronic diseases and about health services. |
| 2003-2007 | Resident/senior resident (chef de clinique) and senior research fellow in public health and epidemiology, Institute of Social and Preventive Medicine, University of Lausanne (www.unil.ch), Switzerland. Cardiovascular epidemiology research; coordinator of a population-based survey on high blood pressure in children. |
| 2006-2007 | Senior resident (chef de clinique) and senior research fellow in public health and epidemiology, Lignes de la santé and University ambulatory clinic (PMU), University of Lausanne (www.unil.ch), Switzerland. Supervisor of a cardiovascular screening and counseling unit. |
| 2002-2003 | Resident in internal medicine, Hospital of Sion, Switzerland |
| 2001-2002 | Resident and research fellow, Hypertension Unit, Department of Internal Medicine, Lausanne University Hospital (CHUV), Switzerland. Investigator for a clinical study on the effect of drugs on renal function. |
| 2000-2001 | Resident in psychiatry, Lausanne University Hospital (CHUV), Switzerland |
| 2000 | Research fellow, Swiss Institute for Prevention of Alcohol problems (SIPA), Lausanne, Switzerland. Research on risk behavior among adolescents. |
| 1998-1999 | Resident and research fellow, Hypertension Unit, Department of Internal Medicine, University Hospital of Lausanne (CHUV), Switzerland. Investigator for a clinical study on renal pathophysiology of high blood pressure. |

Awards

| | |
|------|--|
| 2013 | Award by the American Journal of Epidemiology and the Society for Epidemiologic Research (SER) for being the 1 st author of a paper among the 10 top 2013 articles of the year. |
| 2004 | Astra-Zeneca award for the best poster presentation at the Swiss public health conference (2'000 CHF). |
| 2001 | Hosseini Sadeghi award of the University of Lausanne for the scientific value of a project in the field of cardiovascular research (8'000 CHF). |

C. Contributions to Science

Research interests

Public health surveillance & population health monitoring; Life course and consequential epidemiology; Cardiovascular epidemiology; Cancer; Health services & quality of care monitoring; Preventive care, screening & overdiagnosis; Smoking

Research grants

7 grants as principal investigator (including from SNF) and 10 as co-investigator

Publications

225 articles in peer-reviewed journals; 267 indexed in medline

<https://pubmed.ncbi.nlm.nih.gov/?term=chiolero+a>

Google scholar citations: 35233; h-index: 58; i10-index: 144

<https://scholar.google.com/citations?hl=en&user=QgOASJwAAAAJ>

ORCID: <https://orcid.org/0000-0002-5544-8510>

Supervision of students (past and current)

6 PhD, 6 MD, 4 MMed, 1 MSc in epidemiology, 1 MSc in statistics, 1 MPH

Teaching

Topics: public health, epidemiology, evidence synthesis; audience: bachelor, master, and PhD students in medicine, epidemiology, and public health as well as health care professionals