

# Elena Raffetti

## Curriculum Vitae

**Adresses:** Department of Public Health and Primary Care, Cardiovascular Epidemiology Unit, **University of Cambridge**, Strangeways Research Laboratory Worts Causeway Cambridge CB1 8RN, UK / Department of Earth Sciences, LUVAL program, **Uppsala University**, Geocentrum, Villavägen 16, 752 36 Uppsala, Sweden

**Tel** +393669308721, **emails:** [er578@medschl.cam.ac.uk](mailto:er578@medschl.cam.ac.uk) | [elena.raffetti@geo.uu.se](mailto:elena.raffetti@geo.uu.se) | [elena.raffetti@ki.se](mailto:elena.raffetti@ki.se)

**RESEARCH INTERESTS** epidemiology, public health, child-maternal health, natural hazards, extreme events, risk perception, health data science

### ACADEMIC QUALIFICATIONS

2017 - 2021 **Ph.D. in Medical Science**, specialty **Epidemiology**, Department of Global Public Health, Karolinska Institutet, Sweden

2012 - 2016 **Medical specialization in Public Health and Preventive Medicine**, University of Brescia, Italy, Grade: 50/50 magna cum laude

2005 - 2011 **Degree in Medicine**, University of Brescia, Italy, Grade: 110/110 magna cum laude

### EMPLOYMENTS

Mar 2021 - ongoing **Post-doctoral fellow**, Cardiovascular Epidemiology Unit, Department of Primary Care and Public Health, University of Cambridge, UK (part time position)

Jan 2021 - ongoing **Researcher**, Department of Earth Sciences, Uppsala University, Sweden (part time position)

Feb 2017 - Feb 2021 **Ph.D student**, EPHIR group, Department of Global Public Health, Karolinska Institutet, Sweden (part time position from Jan 2021)

Sep 2016 - Jan 2017 **Public Health Medical Doctor**, Epidemiology and Public Health Unit Italian National Health Service, Lombardy Region, Italy

Jul 2015 - Dec 2015 **Resident in Public Health and Preventive Medicine**, Hospital Management Unit, Children Hospital, Spedali Civili General Hospital, Brescia, Italy

Jul 2014 - Jun 2015 **Resident in Public Health and Preventive Medicine**, Epidemiology Unit and Primary Care Management Unit, Local Health Authority of Brescia, Italy

Jan 2014 - Jun 2014 **Resident in Public Health and Preventive Medicine**, Department of Preventive Medicine, Local Health Authority of Valcamonica, Brescia, Italy

Jul 2012 - Dec 2013 **Resident in Public Health and Preventive Medicine**, Unit of Hygiene, Epidemiology and Public Health, University of Brescia, Italy

### HONORARY POSITIONS

Jan 2021 - ongoing **Fellow** of the Centre of Natural Hazards and Disaster Science (CNDS), Sweden

Oct 2019 - ongoing **Honorary Research Associate** at the School of Psychological Science, TARG group, University of Bristol, UK

Jan 2016 - ongoing **Affiliated Researcher** to Department of Global Public Health, EPHIR group Karolinska Institutet, Sweden

### RESEARCH EXCHANGE ASSIGNMENTS

Sep 2021 **Visiting Researcher**, Department of Preventive Medicine, University of Santiago de Compostela, Spain

Oct 2019 - Nov 2019 and Feb 2020 **Visiting Student**, Tobacco and Alcohol Research Group, University of Bristol, UK

Jan 2016 - Aug 2016 **Visiting Research Fellow**, Epidemiology and Public Health Intervention Research group, Karolinska Institutet, Sweden

Nov 2010 - Dec 2010 **Visiting Student**, Nanoro Health District, Burkina Faso

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### BIBLIOGRAPHY

59 Peer-Reviewed Research Articles published since 2014

3 Research Articles in review

Rapidly growing citation record: **1159** citations (**1047** since 2017), **h-index of 19** (G. Scholar)

### SELECTED PUBLICATIONS

1. **Raffetti E**, Mondino E, Di Baldassarre G. COVID-19 vaccine hesitancy in Sweden and Italy: The role of trust in authorities. *Scand J Public Health*. 2022 (*article in press*)
2. Di Baldassarre G, [6 co-authors], **Raffetti E**. Multiple hazards and risk perceptions over time: The availability heuristic in Italy and Sweden under COVID-19. *Nat Hazards Earth Syst Sci*. 2021 Jun 22:1-4.
3. **Raffetti E**, Donato F, Forsell Y, Galanti MR. Longitudinal association between tobacco use and the onset of depressive symptoms among Swedish adolescents: the Kupol cohort study. *Eur Child Adolesc Psychiatry*. 2019 May;28(5):695-704.
4. **Raffetti E**, [4 co-authors], Magoni M. Polychlorinated biphenyls (PCBs) exposure and cardiovascular, endocrine and metabolic diseases: A population-based cohort study in a North Italian highly polluted area. *Environ Int*. 2018 Nov; 120:215-222.
5. Galanti MR, [11 co-authors], **Raffetti E**. School environment and mental health in early adolescence – a longitudinal study in Sweden (KUPOL). *BMC Psychiatry*. 2016 Jul 16;16:243.

### SELETED INVITED PRESENTATIONS

Oct 2021	CNDS forum, Sweden, “Comparison between Italy and Sweden on risk perception”
Sep 2021	University of Santiago de Compostela, Spain “Do the benefits of school closure outweigh its costs?”
Feb 2020	University of Bristol, UK “Multivariable two-sample Mendelian Randomization of the intermediate role of loneliness on smoking-depression association”
Feb 2020	University of Cambridge, UK “Directed Acyclic Graphs”
Jun 2019	University of Eastern Piedmont, Italy “Causal inference in life course epidemiology”

### GRANTS AND FELLOWSHIPS

2021	CNDS interdisciplinary grant, total amount (SEK): 69 000
2020	Erik and Edith Fernström Foundation, total amount (SEK): 70 000
2020	KI travel grant, total amount (SEK): 7 000
2019	KI travel grant, total amount (SEK): 25 000
2019	Robert Lundberg Memorial Foundation and, total amount (SEK): 25 000
2017	Italian National Council, total amount (EURO): 12 000

### SUPERVISION

2014 -	She has been involved in the supervision of about 15 MD, MSc, Erasmus+ students and residents in Public Health and Preventive Medicine
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### DISTINCTIONS AND AWARDS

2022	Junior Investigator Award for projects at Karolinska Institutet aimed at achieving the UN sustainable development goals, total amount (SEK): 200 000
2018	National Scientific Habilitation (ASN) for Associate Professor in Italian Universities from 17/10/2018 to 17/10/2028

### TEACHING

2016-	She is committed to multidisciplinary and inclusive teaching. She has broad teaching experience in epidemiology and statistical methods. 2022 - ongoing “Advanced
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Biostatistics" Master program in Population Health, *University of Cambridge* / 2019 - ongoing "Advanced Statistics in Epidemiology", Master program in Public Health Epidemiology and "Biostatistics II" Doctoral program Epidemiology, *Karolinska Institutet* / 2017-2019 "Epidemiology" and "Public Health and Preventive medicine", Degree in medicine, *University of Brescia* (teaching assistant) / 2018 "Medical statistics", StatisticAlps summer course "Extended use of Regression Models for New Epidemiologic Designs and Analyses" (teaching assistant) / 2016-2017 "Clinical Epidemiology" Bachelor of Nursing, *University of Brescia, Italy*

### SOFTWARE AND LANGUAGE SKILLS

Italian native language  
English fluent oral and written competence, long-term experience in English scientific writing  
Swedish basic oral and written competence  
Statistical and computer programs Stata (advanced user), R, SAS, Python, SQL (advanced user), LaTeX and ArcGIS

### OUTREACH AND COMMUNITY ACTIVITIES

2014 - **Expert Reviewer** for international scientific journals (of around 10 journal papers per year), including *Addiction*, *BMJ Open*, *BMC Infectious Diseases*, *Chemosphere*, *Disaster Medicine and Public Health Preparedness*, *Environmental Research*, *Environmental Health*, *European Journal of Epidemiology*, *International Journal of Cancer*, *International Journal of Disaster Risk Reduction*, *International Journal of Hygiene and Environmental Health*, *Nature Communications*, *Neuropsychopharmacology*, *Plos One*, *The Science of the Total Environment*, *Tobacco Induced Diseases*

2021 - **Opponent** for Diana Maria Manu's Ph.D. thesis at the Department of Surgical Sciences, Functional Pharmacology and Neuroscience, *Uppsala University*, Sweden (May 2022) / **Examiner** for theses at the Master program in Public Health Epidemiology, *Karolinska Institutet*, Sweden (May 2021 and May 2022) and, for Jesus Prego's Ph.D. thesis at the Department of Preventive Medicine, *University of Santiago di Compostela*, Spain (Sep 2021)

2021 - **Uppsala Innovation Mentorship program**. She is part of the UU Innovation mentor program of Uppsala University. Since January 2022 she has been mentored by Malin Ahrne, with expertise on child-maternal health and epidemiology working at Folkhalsomyndigheten.

2021 - **Elected representative for the Italian Community in Sweden** (around 15000 Italian residents in Sweden)

2019 - **Organizer** of 5 workshops/webinars

2019 - **Founder/member of The Brothers Rosselli Association** promoting a space for debate on political innovation, sustainable development and access to welfare

2019 - 2021 **Member of Climate Change Working Group**, Department of Global Public Health, *Karolinska Institutet*

2018 - 2020 **Elected Student Representative**, Doctoral Program in Epidemiology Steering Group, *Karolinska Institutet*

2017 - 2020 **Medical doctor volunteer**, volunteering as medical doctor in a summer camp for children with heart transplantation and neuropsychiatric disorders

2009 - 2011 **Mentor for university freshmen**. Mentorship program at the medical school of the *University of Brescia, Italy* (scholarship, around 40 students)