

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, the UK / Department of Earth Sciences, LUVAL program, **Uppsala University**, Geocentrum, Villavägen 16, 752 36 Uppsala, Sweden

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

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 - present **Research Associate**, Cardiovascular Epidemiology Unit, Department of Primary Care and Public Health, University of Cambridge, UK

Jan 2021 - present **Researcher**, Department of Earth Sciences, Uppsala University, Sweden

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**, Centre of Natural Hazards and Disaster Science (CNDS), Sweden

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

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

RESEARCH EXCHANGE ASSIGNMENTS

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

Oct 2019 - Nov 2019 and Feb 2020 **Visiting Student**, TARG group, University of Bristol, UK

Jan 2016 - Aug 2016 **Visiting Research Fellow**, Dep Global Public Health EPHIR group, Karolinska Institutet, Sweden

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

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BIBLIOGRAPHY

60 Peer-Reviewed Research Articles published since 2014

3 Research Articles in review

1 Peer-Reviewed Research Article as collaborator

Rapidly growing citation record: **1315** citations (**1197** since 2017), **h-index of 21** (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 Aug;50(6):803-809.
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 TALKS

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| Nov 2022 | Workshop: Animals, temperature and man in a changing world, Lund Sweden, “Adapting to temperature extremes in a changing climate: how to study past trends and future scenarios” |
| 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, the UK “Multivariable two-sample Mendelian Randomization of the intermediate role of loneliness on smoking-depression association” |
| Feb 2020 | University of Cambridge, the UK “Directed Acyclic Graphs” |

GRANTS AND FELLOWSHIPS

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| 2023-26 | FORMAS national research programme on climate, total amount (SEK):12 000 000 |
| 2023-24 | FORTE international post-doctoral fellowship, total amount (SEK): 2 400 000 |
| 2022-23 | CNDS interdisciplinary grant, total amount (SEK): 69 000 |
| 2020 | Erik and Edith Fernström Foundation, total amount (SEK): 70 000 |
| 2019-20 | KI travel grants, total amount (SEK): 32 000 |
| 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

DISTINCTIONS AND AWARDS

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| 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 |

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TEACHING

2016- She is committed to multidisciplinary and inclusive teaching. She has broad teaching experience in epidemiology and statistical methods. 2022 - ongoing "Advanced 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 R, Stata, Python, SQL, 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 Medicine*, *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 7 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)