

Cornelia WAGNER

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Public health researcher with expertise in life course epidemiology, health inequalities, and prevention and healthcare research. My work examines how social inequalities develop across the life course and how prevention, healthcare, and institutional contexts can mitigate or reinforce these inequalities. Methodologically, I work with longitudinal, comparative, and causally informed approaches. I am currently developing my profile toward preventive care pathways, primary care, and system-oriented public health research.

Academic Work Experience

Postdoctoral researcher, University of Fribourg **01/2025 – current**
Fribourg, Switzerland

- **Researcher** on 'PREVENT TOO'. Reducing **social and life course inequalities in preventive practices**: a comparative study of the effects of health and social policies (SNF grant 219687)
- Develop comparative analyses of **prevention, healthcare use, and care pathways** in European contexts
- Apply quantitative methods, particularly **sequence analysis** and **multilevel modeling**
- Contribute to publications, conference presentations, and the development of a research agenda on prevention and public health

Visiting researcher, University of Copenhagen **02/2026 – 05/2026**
Copenhagen, Denmark

- Develop **system-oriented perspectives** on prevention and health inequalities
- Work with concepts and methods from complexity science, including causal loop diagrams and **systems mapping**
- Engage in scientific exchange in an interdisciplinary and international research environment

PhD candidate and research assistant, University of Fribourg **10/2020 – 03/2024**
Fribourg, Switzerland

- Conducted research on **socioeconomic inequalities in multimorbidity and mortality** from a life course perspective
- Applied **longitudinal and causally informed** epidemiological methods
- Coordinated cross-cantonal collaboration as the **communications officer** for Fribourg in the COVID-19 Corona Immunitas project (2020-2021)

Research Areas

- Life course epidemiology
- Health inequalities and health equity
- Prevention and healthcare research
- Primary care and preventive care pathways
- System-oriented perspectives on public health
- Longitudinal, comparative, and causally informed analysis

Awards, Fellowships and Grants

- **Visiting Fellowship** by the Copenhagen Health Complexity Center, Denmark, for a 3-month research visit and scientific exchange; 45'000 DKK
- **2025 Best Early-Career Paper in Social Science Aging Research**: granted by the Identifying Priorities for Future Social Science Aging Research initiative; 1'000 €
- **Centenary Research Fund** by University of Fribourg (April 2025): grant in support of the Society for Longitudinal and Lifecourse Studies (SLLS) Annual Conference 2025; CHF 5'000 deficit guarantee
- **Chorafas Prize 2024**: awarded for outstanding PhD research work (31 prize winners internationally); USD 10'000
- **Merit-based scholarships during BSc**: JASSO Scholarship (10/2014 – 03/2015), Tsukuba Scholarship (04/2015 – 03/2017), **Mitsubishi Corporation International Scholarship** for outstanding foreign students (ca. 50 recipients; 04/2017 – 08/2018)

Publications

Peer-reviewed journal articles

- Jendly, M., Cullati, S., **Wagner, C.**, Braggion, A., Santschi, V., & Chiolero, A. (2026). Trends in cost-related forgone care among older adults in Switzerland: a repeated cross-sectional study. *European Journal of Public Health*, 36(2), ckag010.
- Wagner, C.**, Carmeli, C., Jackisch, J., Kivimäki, M., van der Linden, B. W., Cullati, S., & Chiolero, A. (2024). Life course epidemiology and public health. *The Lancet Public Health*, 9(4), e261-e269.
- Wagner, C.**, Jackisch, J., Ortega, N., Chiolero, A., Cullati, S., & Carmeli, C. (2024). Educational inequalities in multimorbidity at older ages: a multi-generational population-based study. *European Journal of Public Health*, ckae096.
- Wagner, C.**, Jackisch, J., Khalatbari-Soltani, S., Cullati, S., & Chiolero, A. (2024). Effect of socioeconomic status on life expectancy From the population to patients. *Revue medicale suisse*, 20(881), 1285-1288.
- Wagner, C.**, Cullati, S., Sieber, S., Huijts, T., Chiolero, A., & Carmeli, C. (2023). Intergenerational educational trajectories and inequalities in longevity: A population-based study of adults born before 1965 in 14 European countries. *SSM-Population Health*, 101367.
- Daniore, P., Moser, A., Höglinger, M., Probst Hensch, N., Imboden, M., ..., **Wagner, C.**, ... & von Wyl, V. (2023). Interplay of Digital Proximity App Use and SARS-CoV-2 Vaccine Uptake in Switzerland: Analysis of Two Population-Based Cohort Studies. *International journal of public health*, 68, 1605812.
- Tancredi, S., Ulytè, A., **Wagner, C.**, Keidel, D., Witzig, M., Imboden, M., ... & Cullati, S. (2023). Changes in socioeconomic resources and mental health after the second COVID-19 wave (2020–2021): a longitudinal study in Switzerland. *International journal for equity in health*, 22(1), 51.
- Tancredi, S., Chiolero, A., **Wagner, C.**, Haller, M. L., Chocano-Bedoya, P., Ortega, N., ... & Cullati, S. (2023). Seroprevalence trends of anti-SARS-CoV-2 antibodies and associated risk factors: a population-based study. *Infection*, 1-13.
- Wagner, C.**, Carmeli, C., Chiolero, A., & Cullati, S. (2022). Life course socioeconomic conditions and multimorbidity in old age—A scoping review. *Ageing research reviews*, 101630.

Book chapters

- Bender, N.; Hanzal, E.; **Wagner, C.** (2025). Gesundheit im Verlauf des Lebens – Life Course Approach to Health. In Egger, M.; Razoum, O.; Rieder, A. *Public Health Kompakt / 5., aktualisierte und erweiterte Auflage*. Bern: De Gruyter.

Non-peer-reviewed journal articles and reports

- Wagner, C.**, Cullati, S., Chiolero, A. (2025). Gesundheitliche Ungleichheiten über den Lebensverlauf hinweg. In Burla, L. (2025). Gesundheit – für alle? Bericht zu gesundheitlichen Ungleichheiten in der Schweiz (Bericht 10/25). Neuchâtel: Schweizerisches Gesundheitsobservatorium.
- El May E, Cullati S, Anker D, **Wagner C**, Epure A, Schmid A, Rodondi PY, Tancredi S, Chiolero A, au nom du groupe de recherche Corona Immunitas. Covid-19 : inquiétudes quant à sa santé et celle de ses proches. News n°3, Avril 2022. Laboratoire de santé des populations (#PopHealthLab), Université de Fribourg.
- El May E, Cullati S, Anker D, **Wagner C**, Schmid A, Rodondi PY, Chiolero A, au nom du groupe de recherche Corona Immunitas. COVID-19 : le port du masque à Fribourg, News n°2, Juillet 2021. Laboratoire de santé des populations (#PopHealthLab), Université de Fribourg.
- El May E, Anker D, Epure A, **Wagner C**, Magnin JL, Schmid A, Carmeli C, Rodondi PY, Chiolero A, Cullati S, au nom du groupe de recherche Corona Immunitas. Corona Immunitas Fribourg : Immunité de la population, épisode 3/2021, Laboratoire de santé des populations (#PopHealthLab), Université de Fribourg. doi : 10.5281/zenodo.5665477

Submitted manuscripts / manuscripts in preparation

- Wagner, C.**, Jolidon, V., van der Linden, B. W. A., Delaruelle, K., Gauthier, J., Toma, S., Bracke, P., Burton-Jeangros, C., Cullati, S. Trajectories and inequalities in primary healthcare uptake from adolescence to retirement: A sequence analysis across 14 European countries. *Under review.*
- Wagner, C.**, Uleman, J. F., de Vries, T. R., & Varga, T. V. Secondary prevention as a complex adaptive system: threshold shifts, risk classification, and inequality. *In preparation.*

Talks and Conferences

Invited talks

- European Public Health Association (EUPHA) Chronic Disease Section, online webinar series.**
Socioeconomic determinants and chronic disease: tracking inequality through the life course. (11/2025)
- Italian Association of Epidemiology (AIE) Autumn Conference, Milan, Italy.** *Middle age in context: intergenerational education and the reproduction of health inequalities.* (10/2025)
- Department of Sociology, Ghent University.** *A life course perspective on socioeconomic determinants of health inequalities.* (05/2025)

Workshop participation

- Processes of Cumulative (Dis)Advantage in the Study of Inequalities: Theories, Conceptual Models, and Analytical Methods, Mannheim, Germany.** Organized by Mannheim University, Faculty of Social Sciences. (09/2025)
- Visualizing Complexity Science Workshop 2025, Vienna, Austria.** Organized by Complexity Science Hub. (08/2025)

Selected conferences

- European Public Health Conference 2025, Helsinki, Finland.** Wagner C, Jolidon V, van der Linden BWA, Delaruelle K, Toma S, Bracke P, Burton-Jeangros C, Cullati S. *Primary healthcare trajectories and life-course disadvantage - a sequence analysis of 13 countries.* (11/2025)

SLLS Annual International Conference, Fribourg, Switzerland. Wagner C, Jolidon V, van der Linden BWA, Delaruelle K, Toma S, Bracke P, Burton-Jeangros C, Cullati S. *Life-course disadvantage and primary healthcare trajectories in 13 European countries: A sequence analysis of the SHARE cohort.* (09/2025)

LIVES (Swiss Centre of Expertise in Life Course Research) Day, Lausanne, Switzerland. Wagner C, Jolidon V, van der Linden BWA, Delaruelle K, Gauthier J, Toma S, Bracke P, Burton-Jeangros C, Cullati S. *Life-course socioeconomic disadvantage and preventive care trajectories in 13 European countries.* (06/2025)

SLLS Annual International Conference, Munich, Germany. Wagner C, Jackisch J, Ortega N, Cullati S, Chiolero A, Carmeli C. *Intergenerational educational trajectories and inequalities in multimorbidity in older European adults.* (10/2023)

World Congress on Public Health, Rome, Italy. Wagner C, Cullati S, Sieber S, Huijts T, Chiolero A, Carmeli C. *Educational trajectories and inequalities in longevity: a comparison across 14 European countries.* (05/2023)

European Public Health Conference 2022, Berlin, Germany. Wagner C, Carmeli C, Chiolero A, Cullati S. *How life course socioeconomic conditions shape multimorbidity in old age – a scoping review.* Part of workshop, “Health equity and Chronic diseases: Public health and Primary care roles”. (11/2022)

SLLS Annual International Conference, Cleveland, USA. Wagner C, Carmeli C, Chiolero A, Cullati S. *Life course socioeconomic conditions and multimorbidity in old age – a scoping review.* (10/2022)

Teaching and Supervision

- *Health trajectories: critical periods, accumulation and pathways*, part of online lecture series on *Vulnerability and Resilience throughout the Life course* (2025, lecturer, Université Paris-Est Créteil Val-de-Marne)
- *Santé Communautaire*, Master of Medicine module (2025, tutor, University of Fribourg)
- Society for Longitudinal and Lifecourse Studies (SLLS) Summer School (2023, teaching assistant, University of Fribourg)
- *Understanding social inequalities and social problems in health* (2023, teaching assistant, Swiss TPH)
- *Life Course Epidemiology and Public Health* (2021, 2022, teaching assistant; 2025, lecturer, University of Fribourg)

Master thesis supervision

- Master in Medicine student. *Childhood social conditions and adulthood healthcare use: a European population-based study.* (10/2025 – current)

Scientific Service and Academic Engagement

Journal reviewing

European Journal of Ageing, Scientific reports, American Journal of Preventive Medicine, BMC Public Health, BMC Medicine, Public Health, Journal of Epidemiology and Community Health, Communications medicine, Nature Mental Health, International Journal of Epidemiology, Longitudinal and Life Course Studies, Scandinavian Journal of Public Health

Conference abstract reviewing

- Society for Social Medicine & Population Health Annual Conference / European Congress of Epidemiology (EuroEpi) 2026
- Society for Longitudinal and Lifecourse Studies (SLLS) Annual Conference 2025

Professional memberships

- System Dynamics Society (2026 – current)
- Society for Longitudinal and Lifecourse Studies (SLLS; 2025 – current)
- Swiss Centre of Expertise in Life Course Research (LIVES; 2025 – current)
- Swiss School of Public Health (SSPH+; 2020 – current)

Education

PhD Medical Sciences **10/2020 – 05/2024**

University of Fribourg, Switzerland

- Dissertation: “Life course socioeconomic determinants of inequalities in multimorbidity and mortality”
- Certificate in **Public Health** from the **Swiss School of Public Health (SSPH+)**

MSc Medical Anthropology **09/2018 – 09/2019**

University College London (UCL), United Kingdom

- Thesis: “Fibromyalgia Online: The Construction of Chronic Pain through Medicalisation and Demedicalisation”
- Expanded my research knowledge by transitioning from quantitative research to **qualitative research**, training in participant observation, interdisciplinary research design, and textual analysis

BSc Bioresource Sciences **10/2014 – 08/2018**

University of Tsukuba, Japan

- Graduation project: “Role of *Ornithodoros moubata* Relish in the Regulation of Defensin Genes”
- **GPA 3.7 (top 5% of cohort)**

Methods and Skills

Methods: Life course epidemiology; longitudinal data analysis; sequence analysis; multilevel modelling; causal inference from observational data; survival analysis; system-oriented approaches and systems mapping

Software: R; Stata; Microsoft Office

Languages: German (native), English (fluent)