

CURRICULUM VITAE: Phung Lang, PhD, MPH

PERSONAL INFO

Date of birth: April 16, 1971
Nationality: Swiss, American
Civil Status: Married, 4 children
Languages: English, Vietnamese, German
Google Scholar:
https://scholar.google.com/citations?hl=en&user=T0r2nOlp_GMC
Total number of citations (12.02.2026): 1095 (h-index: 14)



EDUCATION

University of Basel (1999-2007)
Dr. phil. II Epidemiology, cum laude. Dissertation: Vaccination status of children in Switzerland.

University of Massachusetts, School of Public Health (1995-1997)
Graduated with an MPH in the field of Community Health Studies. Member of Phi Kappa Honor Society.
MPH project: Examining the perceptions of community and health within the Vietnamese community in Springfield, MA. Research methods used: interviews, questionnaires, focus groups.

Wellesley College, MA (1989-1993)
Graduated with B.A. in Biochemistry.

SUMMARY

I co-lead the research group Immunity and Vaccines at the Epidemiology, Biostatistics and Prevention Institute (EBPI), University of Zurich, where my work focuses on vaccination coverage, vaccine effectiveness, population immunity, and immunization policy. My research aims to improve population-level protection by conducting surveillance and providing data-driven evaluation to inform the implementation of targeted interventions. In collaboration with the Federal Office of Public Health and all 26 cantons, I established the Swiss National Vaccination Coverage Survey (SNVCS), the only national source of routine childhood vaccination data in Switzerland, which continues to inform key policy changes. My broader research interests include vaccine equity, adult and childhood immunizations, healthcare worker behavior, digital transformation and vaccine hesitancy, using epidemiological, statistical and machine learning approaches in collaboration with national stakeholders.

WORK EXPERIENCE

Epidemiology, Biostatistics and Prevention Institute, University Zurich (Apr 1998-Present)
Design and coordinate the "Swiss National Vaccination Coverage Survey", a surveillance system to determine vaccination coverage of children in Switzerland. Target population: Children aged 2, 8 and 16 years. Research methods used: cross-sectional survey via mailing (3x) and telephone.

Springfield Southwest Community Health Center, Ma (Sep 1997 - Nov 1997)
Coordinated the Hepatitis B project targeting Southeast Asians in the Springfield area.

University of Massachusetts (Feb 1996 - Sep 1996)
Performed literature searches and collated materials for the Latino Health Project and the Community-Based Organization Project for Prof. Idali Torres from UMASS.

Children's Hospital, Harvard Medical School (Jun 1993 - Aug 1995)
Research Technician.

RESEARCH

Digitalization Initiative of the Zurich Higher Education Institutions (DIZH). Digital Transformation of Handwritten Child Vaccination Cards to Support Immunization Practice & Surveillance in Switzerland. Duration 2026-2029.

Federal Office of Public Health and Cantons. Swiss National Vaccination Coverage Survey. Duration: 1999-ongoing.

MSD Merck Sharp & Dohme AG. The Swiss Platform for HPV Evaluation and REsponse (SPHERE): Building the foundation for HPV Elimination in Switzerland. Duration: 2025-2027.

University of Zurich. Population Research Center Seed Grant. Digitizing Swiss Vaccination Cards with Large Language Models. Duration November 2025- July 2026.

Federal Office of Public Health. National Immunization Program: Cantonal school vaccination programs: Good practices, challenges and suggestions for action. Duration: 2024-2025.

MSD Merck Sharp & Dohme AG (Investigator initiated study). A Cross-Sectional and Open Pre-Post Interventional Study Evaluating Circulating and Mucosal Humoral and Cell- Mediated Immunity Following Measles, Mumps and Rubella (MMR) Vaccination in Adults” Duration: 2023-2026.

MSD Merck Sharp & Dohme AG. A Nationwide Cross-Sectional Study on HPV Vaccination in Adults in Switzerland: An Analysis of Age, Sex and Regional Differences in Vaccine Coverage and Factors Affecting Vaccine Uptake. Duration: 2023-2025.

Federal Office of Public Health. Impact of Covid-19 and changes in vaccination recommendation on vaccination uptake in Switzerland. Duration: 2023- 2024.

EMDO Stiftung Zürich. Persistenz von Frühsommer-Meningoenzephalitis-neutralisierenden Antikörpern bei Erwachsenen nach verlängerten Impfungsauffrischungsintervallen. Duration: October 2021- September 2022.

Pfizer AG (Investigator initiated study). Pneumococcal vaccination coverage in adults in Switzerland: An analysis of age and regional differences in vaccine coverage and risk factors for pneumococcal infection, 2020. Duration: 2020-21.

Federal Office of Public Health. Literatur- bzw. Datenanalyse zu impfverhütbaren Krankheiten. Duration: November 2019-May 2021.

Pfizer AG (Investigator initiated study). Tick-borne vaccination in different age groups and regions in Switzerland: analysis of actual situation of TBE vaccination compliance and contributing social behaviors in different Swiss regions. Duration: 2018-19.

Swiss National Science Foundation. Funding from the Section International Collaboration for work with Dr. Philip J. Smith: Evaluation of the Swiss National Vaccination Coverage Survey. Duration: Sept-Oct 2011.

MENTORSHIPS

Alana Lustenberger, MD Dissertation: Understanding Knowledge and Perceptions of Tick-borne Encephalitis Vaccination among Parents and Pediatricians in Canton Zurich, University Zurich, Switzerland (ongoing)

Noëmi Sagesser, MA Thesis: Diphtherie, Tetanus und Pertussis Durchimpfung in der Schweiz, University Zurich, Switzerland (ongoing)

Olga Morgel, MD Dissertation Thesis: Comparing work-related influences on Influenza and COVID-19 vaccination acceptance among Swiss Healthcare Workers, 2020/21, University Zurich, Switzerland (ongoing)

Carola Fischer, MPH Thesis: Analyse zur Umsetzung des kantonalen HPV- Impfprogramms im Kanton Zürich, University Zurich, Switzerland (2024)

Hilal Özgü, MD Dissertation: Associations between vaccination coverage of childhood preventable diseases and incidence rates in Switzerland, 1980-2019, University of Zurich (2024)

Olga Morgel, MPH Thesis: Impfkzeptanz und -rate Gegen Saisonale Grippe und SARS-CoV-2 bei Schweizer Gesundheitspersonen in der Ambulanten Versorgung 2020/2021, University Zurich, Switzerland (2023)

Lisa Ruckstuhl, MPH Thesis: Einfluss kantonaler gesundheitspolitischer Rahmenbedingungen & Aktivitäten auf die Influenza-Impfrate bei Patienten mit nicht übertragbaren Krankheiten in der Schweiz, University Zurich, Switzerland (2021)

Patrik Guggisberg, MA Thesis: Analyse der Umsetzung von HPV-Impfprogrammen auf Gemeindeebene im Kanton Zürich – eine gesundheitspolitische Querschnittsanalyse, ZHAW, Switzerland (2021)

Carine Graf, MPH Thesis: Auswirkung einer Gesetzesänderung auf das Impfverhalten nebenamtlicher SchulärztInnen im Kanton Zürich, 2018-19, University Zurich, Switzerland (2020)

Lea Kölliker, MA Thesis: Impfeinstellung von Zürcher Berufsschülern und Berufsschülerinnen anhand einer quantitativen Befragung: Implikationen für die Maserneliminationskampagne des Kantons Zürich, University Zurich, Switzerland (2015)

Regula Blattmann, MPH Thesis: Masernelimination- die Rolle der Schulärzte in den ländlichen Regionen des Kanton Zürich, 2013-2014, University Zürich, Switzerland (2015)

Alexandra Mangili, MD/ MPH Program, Tufts University School of Medicine, MA, USA (2000)

PROFESSIONAL ACTIVITIES

Member of the European Society of Clinical Microbiology and Infectious Diseases. 2025-present

Advisory group for the interim evaluation of the National Immunization Project. Swiss Federal Office of Public Health. 2025-present

Working group on developing a strategy and road map for the elimination of HPV-caused cancers in Switzerland. 2025-present.

Expert for the Swiss Learning Health System: Eliminating HPV-Related Cancers: Strategic Recommendations for Swiss Health Policy, 2024- 2025.

Member of stakeholders, National Immunization Project. Swiss Federal Office of Public Health, 2015-present.

Reviewer, Vaccine, 2023-present

Reviewer, BMC Public Health, 2023-present

Reviewer, Scientific Reports, 2024- present

Reviewer, Eurosurveillance, 2025-present

Advisory group: Swiss National Vaccination Coverage Survey. Federal Office of Public Health. 2018-22.

Working group: Influenza Vaccination. QualiCCare. 2018-2023.

Working group: Swiss National Vaccination Coverage Survey. Federal Office of Public Health. 2003-2006.

INVITED LECTURES

Swiss Association of Healthcare Providers in School Health Services. Nationale Schulärzte-Tagung 2025: Schulimpfungen: Good Practices. Pratteln: 04/12/2025.

Federal Office of Public Health. Colloquium: Update of the Swiss National Vaccination Coverage Survey. Bern: 06/11/2025.

Gesundheitsdirektion. Kantonale HIV/STI Kommission: HPV vaccination coverage of adolescents and adults in Switzerland. Zurich: 4/11/2025.

National Vaccination Strategy Workshop. Kantonale Schulimpfprogramm: gute Praktiken, Herausforderungen und Massnahmenvorschläge. Bern: 5/9/2025.

ESCMID Vaccine Conference 2025. Identifying Patterns in HPV Vaccine Knowledge, Attitudes, and Behaviors: A 2024 National Survey of Swiss Adults 18-45. Lisbon: 12/9/2025.

Population Research Center Conference. A Nationwide Cross-Sectional Study on HPV Vaccination Coverage in Adults in Switzerland: An Analysis of Age, Gender and Regional Differences, 2023-24. Zürich: 20/1/2025

MSD Merck Sharp & Dohme AG. HPV vaccination uptake in adolescents and young adults aged 18-26. Zurich (online): 11/9/2024.

Swiss Public Health Conference. Peri-pandemic acceptance of influenza and COVID-19 vaccination by Swiss healthcare workers in primary care 2020/21: a cross-sectional study. Lausanne: 13/9/2023.

Fortbildung Public Health Zürich. Tick-borne Encephalitis: Disease, Vaccination, and Vaccine Effectiveness in Switzerland. Zurich (online): 3/5/2023.

MSD Merck Sharp & Dohme AG. Advisory Board on Adult Pneumococcal Conjugate Vaccination: Pneumococcal Vaccination Coverage and Uptake Among Adults in Switzerland: A Nationwide Cross-Sectional Study of Vaccination Records. Zurich (online): 5/12/2022.

QualiCCare. General Assembly: Influenza vaccination behaviours and acceptance of healthcare professionals and adults 60-85 years in Switzerland: results from three studies conducted by QualiCCare. Bern: 3/12/2021.

HPV Allianz. 2nd Workshop: Analyse zur Umsetzung des kantonalen HPV-Impfprogramms auf Schulgemeindeebene im Kanton Zürich. Bern: 10/6/21.

Federal Commission for Vaccination Questions (EKIF). Working Group on TBE: Tick-borne Encephalitis: Epidemiology, Disease and Vaccination in Switzerland. Bern: 22/1/2020.

QualiCCare. General Assembly: Observational study on influenza vaccination uptake among chronic patients 2019-21. Bern: 14/6/2019.

Pfizer AG. Fortbildung: SNVCS: Vaccination coverage of children aged 2, 8 and 16 years. Bern: 6/6/2019.

Federal Office of Public Health. Internal Meeting: TBE vaccination in different age groups and regions in Switzerland: Analysis of the actual situation of TBE vaccination compliance. Bern: 21/11/2018.

Public Health Schweiz. Symposium "Grippeviren, Grippeprävention – Eine Herausforderung": QualiCCare Projekt Grippeimpfung bei chronisch Patienten. Bern: 4/9/2018.

Federal Office of Public Health. Colloquium: Update of the Swiss National Vaccination Coverage Survey. Bern: 24/5/2018.

Institute for Infectious Diseases, University of Bern. Colloquium: Vaccine uptake in different age groups and regions: methodology and results of the Swiss National Vaccination Coverage Survey. Bern: 27/4/2018.

Pfizer AG. Fortbildung: Vaccine uptake in different age groups and regions: methodology and results of the Swiss National Vaccination Coverage Survey. Bern: 26/9/2017.

Institut für Epidemiologie, Biostatistik und Prävention der Universität Zürich. Workshop: Impfungen in den Schulen: Ergebnisse der Befragung der Schulärztinnen und Schulärzte 2013/2014. Impfeinstellung der Berufsschüler im Kanton Zürich 2014. Zurich: 15/6/2015.

Treffen Mittelschulärztinnen und Mittelschulärzte. Strategie für die Elimination der Masern in der Schweiz und im Kanton Zürich, 2013-15. Zürich: 6/11/2012.

Federal Office of Public Health. The Swiss National Vaccination Coverage Survey: current coverage and impact factors. Bern: 13/12/2012.

Kantonsärztlicher Dienst Freiburg. Vaccination coverage of children in Switzerland and in the canton of Freiburg, 1993-2003, 2005-07, 2008-10. Freiburg: 16/2/2012.

Impfkongress. Evolution of measles vaccination coverage for adolescents in Switzerland 1999-2009. Freiburg: 19/11/2010.

Kantonsärzttagung. Swiss Vaccination Coverage Survey 2005-07. Basel: 29/05/2008.

AG Durchimpfung. Durchimpfung: Stand Monitoring 2004 -2007. Bern: 16/03/2007.

Robert Koch Institute & WHO Regional Office for Europe. The Swiss vaccination coverage survey: a 3 year-rolling cycle". Berlin: 18/05/2006.

Prävention & Gesundheitsförderung im Kanton Zürich. Erfassung des Impfstatus der Kinder in der Schweiz und im Kanton Zürich, 1999-2003 und 2005. "Präventionstagung", Zurich: 17/03/2006.

Service de Santé de la Jeunesse. Vaccination coverage of children in Geneva and Switzerland, 1999-2003. Geneva: 06/02/2006.

AG Durchimpfung. Durchimpfung: Stand Monitoring 2004 -2007. Bern: 1/06/2005.

AG Durchimpfung. Durchimpfung: 1999-2003, definitive Ergebnisse & Stand Monitoring 2004-2006. Bern: 05/11/2004.

AG Durchimpfung. Erhebung der Durchimpfung im Kanton Wallis 1999 und 2003 & Methodologische Änderungs-vorschläge für die zukünftigen Erhebung. Bern: 28/08/2003.

AG Durchimpfung. Erhebung der Durchimpfung in der Schweiz 2000-2002. Bern: 29/04/2003.

Schulärzttagung. Pilotstudie: Erfassung des Impfstatus der Kinder in den Kantonen Zürich und Wallis. Bern: 29/11/2001.

Ärzttagung. Pilotstudie: Erfassung des Impfstatus der Kinder in den Kantonen Zürich und Wallis. Schaffhausen: 23/11/2000.

Ärzttagung. Pilotstudie: Erfassung des Impfstatus der Kinder in den Kantonen Zürich und Wallis. Luzern: 30/08/2000.

Kantonsärzttagung. Pilotstudie zur Erhebung der Durchimpfung: Kantone Zürich und Wallis. Ticino: 19/11/1999.

Zurich, 12. February 2026