

Paul Schneider

PHD CANDIDATE · PUBLIC HEALTH, ECONOMICS & DECISION SCIENCE

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Boundlessly curious PhD student, combining a strong background in clinical medicine and epidemiology with experience in economic evaluation, decision modeling, and data science. Interested in the valuation of health for economic evaluations. Passionate about working across disciplines to tackle normative and methodological issues.

Education

PhD candidate in Public Health, Economics & Decision Science *Sheffield, United Kingdom*

School of Health and Related Research (ScHARR), University of Sheffield

09/2018–08/2022

Four-year Phd at the Wellcome Trust funded Doctoral Training Centre for Public Health, Economics and Decision Science. Research attachments and course work on agent-based modeling, social inequalities, advanced methods for HTA, value of information, public policy evaluation, health economics and game theory.

PhD topic: Social tariffs, preference heterogeneity, and collective choice

Supervisors: Ben van Hout, John Brazier

MSc in Health Sciences Research (with distinction)

Maastricht, the Netherlands

Faculty of Health, Medicine and Life Sciences, Maastricht University

09/2016–08/2018

Trained to design, conduct and evaluate interdisciplinary research, with a focus on epidemiology and health technology assessment. Coursework on bioethics and cost-effectiveness modelling.

Dr.med. – Doctoral Degree in Medicine (with distinction)

Witten, Germany

Institute for Health Systems Research, Witten/Herdecke University

09/2013–10/2017

Processed, linked and analysed national databases on 2000+ hospitals in Germany, using cross-sectional and longitudinal designs.

Thesis: Association between staffing and the quality of care in German hospital

Supervisor: Max Geraedts

Medical Doctor

Witten, Germany

Faculty of Health, Witten/Herdecke University

04/2009–12/2015

License to practise. Top 2% in the nationwide medical exam ('Zweites Staatsexamen'). International clinical electives in Ghana, Namibia, and South Africa.

Experience

Independent Research Project (Digital Epidemiology)

Utrecht, the Netherlands

Netherlands Institute of Health Service Research (NIVEL)

03/2017–08/2018

Initiated and led a collaborative project between Maastricht University and NIVEL, on the use of digital epidemiological methods to monitor the incidence of influenza in the Netherlands. Developed real-time predictions models, using web search queries and statistical learning. **Advisors:** Christel van Gool, John Paget.

Research Internship (Real-World Evidence)

Maastricht, the Netherlands

KEMTA, Maastricht University Medical Center+

09/2017–08/2018

Investigated the variability of costs of breast cancer between patients and within patients over time, using group-based trajectory modeling and clinical real-world data. **Supervisors:** Manuela Joore, Bram Ramaekers.

Independent Internship (Global Health Policy)

Geneva, Switzerland

World Health Organization

04/2016–07/2016

Collected and verified content and data for the WHO, OECD and World Bank joint report on ‘Delivering quality health services’. **Supervisor:** Sepideh Bagheri Nejad.

Investigator (Clinical Drug Trials)

Bochum, Germany

St. Josef-Hospital

01/2016–04/2016

Ran six phase IV trials (e.g. NCT02064868, NCT01468701). Certified in Good Clinical Practice.

Volunteer (Migrant Health)

Bochum, Germany

Refugee-shelter, Bochum

06/2014–12/2014

Set up a provisional electronic medical record system and supported the health services at a temporary shelter for around 500 refugees.

Research Assistant (Health Service Research)

Witten, Germany

Interdisciplinary Centre for Health Service Research, Witten/Herdecke University

05/2014–11/2014

Searched and retrieved literature and managed the centre’s publication database.

Publications

Peer-reviewed publications

Smith R, Schneider P. Making health economic models Shiny: A tutorial. Wellcome Open Research. 2020 Apr 14;5(69):69. <https://doi.org/10.12688/wellcomeopenres.15807.2>

Schneider PP, Pouwels XG, Passos VL, Ramaekers BL, Geurts SM, Ibragimova KI, de Boer M, Erdkamp F, Vriens BE, van de Wouw AJ, den Boer MO. Variability of cost trajectories over the last year of life in patients with advanced breast cancer in the Netherlands. Plos one. 2020 Apr 9;15(4):e0230909. <https://doi.org/10.1371/journal.pone.0230909>

Smith R, Schneider P, Bullas A, Haake S, Quirk H, Cosulich R, Goyder E. Does ethnic density influence community participation in mass participation physical activity events? The case of parkrun in England. Wellcome Open Research. 2020 Jan 16;5(9):9. <https://doi.org/10.12688/wellcomeopenres.15657.1>

Schneider PP, van Gool CJ, Spreeuwenberg P, Hooiveld M, Donker GA, Barnett DJ, Paget J. Using web search queries to monitor influenza-like illness: an exploratory retrospective analysis, Netherlands, 2017/18 influenza season. Eurosurveillance. 2020 May 28;25(21):1900221.<https://doi.org/10.2807/1560-7917.ES.2020.25.21.1900221>

Schneider PP, Geraedts M. Staffing and the incidence of pressure ulcers in German hospitals: A multicenter cross-sectional study. Nursing Health Sciences. 2016. <https://dx.doi.org/10.1111/nhs.12292>. Open access version: <http://dx.doi.org/10.4126/FRL01-006402986>

Other research output

Working paper: Schneider PP. Social tariffs and democratic choice - do population-based health state values reflect the will of the people? 2019. <https://osf.io/preprints/socarxiv/2qvjb/>

Working paper: Schneider PP. Interpersonal comparability of health state utilities: why it is unfair to measure preferences in units of full-health-time, and what we can do about it. HESG Discussion Paper. 2019. [link](#)

Preprint: Schneider PP, Smith RA, Bullas AM, Bayley T, Haake SSJ, Brennan A, Goyder E. Where should new parkrun events be located? Modelling the potential impact of 200 new events on socio-economic inequalities in access and participation. MedRxiv. 2019. <https://doi.org/10.1101/19004143>

Tutorial: Schneider PP, Paget J, Spreeuwenberg P, Barnett D, van Gool C. Using Wikipedia and Google data to estimate near real-time influenza incidence in Germany: A Tutorial in R. 2017. <https://projectflutrend.github.io/>

Dissertation: Schneider PP. Association between nurse and physician staffing and the quality of care in German hospitals [in German]. 2017. <https://doi.org/10.4126/FRL01-006405375>

Skills

Programming R/R Studio, Python, Java, Leaflet, Git/Github, SPSS, Stata

Dissemination Markdown, Latex, HTML CSS, Shiny, Shiny Server, Hugo, Open Science

Languages English (fluent), German (native), Dutch (working knowledge), French (basic)