

Curriculum vitae — Benjamin Skov Kaas-Hansen

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Languages Danish (mother tongue), English (bilingual proficiency), Italian (bilingual proficiency)
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Bio Benjamin is a hybrid medical doctor and data scientist with an MSc in epidemiology and biostatistics, and a PhD in biostatistics and bioinformatics from University of Copenhagen. The aim of his research is to leverage longitudinal electronic medical records and register data to give actionable answers to substantial questions. His scientific focus areas include (pharmaco)epidemiology and adaptive (platform) trials; causal inference and discovery; Bayesian methods; data standardisation and visualisation; and actionable machine learning. He is R fluent, proficient in Python and SQL, and learning Julia. Has two children with his Italian wife and loves coffee.

Education

10/2017-4/2022 PhD in Biostatistics and Bioinformatics from University of Copenhagen (title: *Pharmacovigilant Machine Learning in Big Data?*)
1/2016-1/2017 MSc in Epidemiology and Biostatistics from Università Cattolica in Rome, Italy (European Qualifications Framework level 8 — 60 ECTS points)
2/2011-6/2015 Master's Degree in Medicine (MD) from Aarhus University
2/2008-1/2011 Bachelor of Science (BSc) in Medical Science from Aarhus University
8/2006-6/2007 Completed the first year (60 ECTS) of the physics curriculum including calculus and linear algebra, Institute of Physics and Astronomy, Aarhus University

Professional experience

3/2022-present Postdoctoral research fellow at Department of Intensive Care, Copenhagen University Hospital
9/2020-present Assistant Lecturer at Section of Biostatistics, Department of Public Health, University of Copenhagen
3/2021-8/2021 Junior physician in general medicine, Region Zealand, Denmark
10/2017-12/2020 Junior physician at the Clinical Pharmacology Unit, Zealand University Hospital Roskilde
4/2017-9/2017 Junior physician at the Emergency Department, Zealand University Hospital Køge
1/2016-12/2016 Scientific assistant at the Institute of Forensic Medicine, Aarhus University
7/2015-12/2015 Junior forensic pathologist at the Institute of Forensic Medicine, Aarhus University

Other academic qualifications

Referee, JAMA Network Open (since 2020), JMIR (since 2020), International Journal of Public Health (since 2022)
10/2019-1/2020 Visiting scientist at the Uppsala Monitoring Centre (the World Health Organization Collaborating Centre for International Drug Monitoring)
9/2016-1/2017 Master's thesis; supervisors: Bruno Federico and Emanuele Leoncini. Title: Centrality in friendship networks is associated with good self-rated health in adolescents from six European countries. *Written at Institute of Public Health, Università Cattolica, Rome, Italy. Not published.*
1/2015-2/2015 Master's thesis; supervisor: Ole Ingemann-Hansen. Title: Severe Violence in Eastern Jutland: Patterns in Clinical Forensic Examinations 2003-2014. *Written at Institute of Forensic Medicine, Aarhus University. Not published.*

Leadership experience

Several appointed and elected positions in Danish and international non-governmental organisations and projects, notably:
5/2010-8/2011 President of the Organising Committee (OC) of IFMSA 60th Anniversary General Assembly Meeting with 1,100 participants from about 100 countries (budget ≈ DKK 3,000,000; approx. 70 OC members; www.am2011denmark.com, via web.archive.org)
1/2012-12/2013 Vice-president for international relations on the National Board of IMCC (www.imcc.dk)
10/2013-9/2014 Treasurer on the Executive Board of IFMSA, playing a key role in i.a. devising the organisation's structural reform and crafting its first multi-year strategic plan (annual budget ≈ DKK 1,500,000; www.ifmsa.org)
11/2015-5/2016 Chair of the Organising Committee of the preWHA 2016, a preparatory 4-day workshop for youth World Health Assembly delegates (budget ≈ DKK 210,000; 11 OC members)

Funding obtained

05/2022 DKK 320,000 awarded by Ehrenreichs Fond to the project *Using secondary data in critical care trials*

International relations

More than 20 international meetings and conferences (non-academic and academic) attended. From 2019 active in the OHDSI community (www.ohdsi.org), co-authoring several peer-reviewed articles and leading the development of an R package for conducting network meta-analyses on effect-size estimates obtained from disparate observational datasets.