

## ANNE SOPHIE OXHOLM

Danish Centre for Health Economics (DaCHE)

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### EMPLOYMENT

- 2017-present Postdoctoral researcher at Danish Centre for Health Economics (DaCHE), Department of Public Health, *University of Southern Denmark*
- 2016-2017 Special advisor at Centre for Health Economics Research (COHERE), Department of Business and Economics, *University of Southern Denmark*
- 2013-2016 PhD student at Centre for Health Economics Research (COHERE), Department of Business and Economics, *University of Southern Denmark*
- 2010-2013 Research associate at *KORA, Danish Institute for Local and Regional Government Research*. (Until a merger DSI – Danish health service institute)
- 2009-2010 Economic consultant at *Danish Bankers' Association*

### EDUCATION

- 2017-2018 Lecturer training programme, *University of Southern Denmark*
- 2013-2017 PhD in Economics from *University of Southern Denmark*  
Thesis title: Physician Quality and Financial Incentives  
Supervisors: Dorte Gyrd-Hansen, Lars Peter Raahave Oesterdal, and Kim Rose Olsen
- 2011 Course in Health Economics at *University of Copenhagen*, Department of Economics
- 2006-2009 MSc in Economics from *University of Copenhagen*  
Thesis title: Funding Gaps in the Capital Markets for SMEs. - Do startups receive the socially efficient level of funding? Supervisor: Hans Keiding
- 2007 Course in Organizations, Management Behaviour, and Economics at *Harvard University*
- 2006 Course in International Economics at *London School of Economics*
- 2003-2006 BSc in Economics from *University of Copenhagen*  
Thesis title: The Efficient Cooperation between Entrepreneurs and Venture Capital Funds. Supervisor: Ismir Mulalic

### RESEARCH STAYS

- 2014 Visiting PhD Student at *University of Manchester*, Manchester Centre for Health Economics

### RESEARCH INTERESTS

My research focuses on developing a better understanding of physicians' supply of health care. To investigate this supply, I apply several different methods; I develop theoretical models and perform quantitative analyses using data from both administrative registers, surveys and laboratory experiments. Currently, I focus on two specific aspects of the supply of health care: physicians' motivational profiles and their behaviour under resource constraint.

## **AWARDS AND HONOURS**

- 2020 Nominated for *Teacher of the Year* at the Faculty of Health Sciences
- 2018 Winner of the award for best poster and project on the development of teaching practices, University of Southern Denmark

## **GRANTS**

- 2018-2022 Gyrd-Hansen, D. et al., Regulating and nudging for improved societal impact of research-based knowledge in health care (the PINCH project), the Novo Nordisk Foundation, DKK 9,954,210 (Co-investigator)
- 2018-2020 Oxholm, A.S. et al., Inequality in Access to Health Care (18-B-0143), Helsefonden, DKK 200,000 (Principal investigator)
- 2018 Gyrd-Hansen, D. et al., The hidden costs of resource constraints in primary care, Laege Sofus Carl Emil Friis og Hustru Olga Dorus Friis Foundation, DKK 995,000 (Co-investigator)
- 2018-2020 Pedersen, L.B. et al., General practitioners' motivation profile and treatment behaviour (18-B-0018), Helsefonden, DKK 340,000 (Co-investigator)
- 2017 Pezzino, M et al., HSIF Internationalisation Application at University of Manchester, Network grant, GBP 14,000 (Co-investigator)
- 2013 Oxholm, A.S., Research visit grant, Knud Hoejgaards Fond, DKK 15,000 (Principal investigator)  
Oxholm, A.S., Research visit grant, Augustinus Fonden, DKK 15,000 (Principal investigator).  
Oxholm, A.S., Research visit grant, Oticon Fonden, DKK 11,500 (Principal investigator)

## **ACADEMIC TALKS**

- 2020 The EuHEA digital conference (University of Oslo).
- 2019 Health Economics Workshop (University of Rostock), The 11th German Health Economics Association meeting (University of Augsburg), The HESG meeting (University of York).
- 2018 Conference on the Value of Health (University of Southern Denmark), The 13th Nordic Conference in Behavioural and Experimental Economics (University of Southern Denmark), 5. årsmøde i Dansk Selskab for Sundhedsøkonomi (University of Southern Denmark), The 5th EuHEA PhD student-supervisor and early career researcher conference (Discussant/supervisor, University of Catania), The 39th NHESG meeting (University of Tromsø), The 12th EuHEA conference (Maastricht).
- 2017 Normative Foundations and Behavioral Implications of Non-Market Allocation (NORMA) workshop (Seville), Workshop on Medical Interventions and Socio-Economic Outcomes (University of Southern Denmark), 2017 iHEA Congress (Boston), iHEA pre-congress session on Behavioural Economics and Physician Decision Making (Invited discussant).
- 2016 The HESG meeting (University of Manchester), 3. årsmøde i Dansk Selskab for Sundhedsøkonomi (University of Southern Denmark), Invited seminar at Department of Health Management and Health Economics (University of Oslo).

- 2015 The Second EuHEA PhD student-supervisor and early career researcher conference (Paris Dauphine University), 2015 iHEA Congress (Bocconi University), 2. årsmøde i Dansk Selskab for Sundhedsøkonomi (University of Southern Denmark), Danish Graduate Programme in Economics (DGPE) workshop (Sønderborg), Copenhagen Network of Experimental Economists (University of Copenhagen), Workshop on Behavioral and Experimental Health Economics 2015 (CINCH), Workshop in “Game theory – Economics and Mathematics” 2015 (University of Southern Denmark).
- 2014 The HESG meeting (University of Glasgow), The 35th NHESG meeting (University of Reykjavik), 1. årsmøde i Dansk Selskab for Sundhedsøkonomi (University of Southern Denmark), Danish Graduate Programme in Economics workshop (Nyborg), Internal seminar at University of Manchester.
- 2013 Danish Graduate Programme in Economics workshop (Eggerup).

### **OTHER DISSEMINATION**

Oxholm (2019): Kronikerhonoraret kan være dårligt nyt for kroniske patienter i almen praksis. Altinget. [Link](#).

### **PROFESSIONAL SERVICES**

#### *Journal reviewer*

Journal of Economic Behavior & Organization, Social Science & Medicine, Journal of Health Economics, Health Economics.

#### *Conference reviewer*

EuHEA conference 2018, NHESG meeting 2019 (scientific committee member), EuHEA conference 2020

#### *Department Service*

Twitter account manager for @DaCHE\_SDU (2016-), PhD contact at the Department for Business and Economics, University of Southern Denmark (2014-2016).

### **TEACHING EXPERIENCE**

#### *Graduate*

- 2017-present Health Economic Evaluation, MSc Pharmacy, University of Southern Denmark. [Course outline](#). (Lecturer and course responsible)
- 2017-present Economics and Incentives, MSc Public Quality and Management, University of Southern Denmark. [Course outline](#). (Lecturer and course responsible)
- 2018 Health Economics, Specialist Training Programme in Occupational Medicine, University of Southern Denmark. (Lecturer).
- 2007 Operations research, BSc and MSc economics, University of Copenhagen. [Course outline](#). (Teaching assistant).

#### *Undergraduate*

- 2013 Microeconomics, BSc economics, University of Southern Denmark. [Course outline](#). (Teaching assistant)
- 2013 Sports economics, BSc economics, University of Southern Denmark. [Course outline](#). (Internal examiner)

### *Guest Lectures*

2017 Register-Based Analysis, BSc Economics and MSc Economics, University of Southern Denmark. [Course outline](#).

### **ADVISING**

#### *PhD*

2020-present Dimitar Stoyanov Yordanov (co-supervisor)  
2017-present Rasmus Trap Wolf (co-supervisor)  
2017-present Jamie O'Halloran (co-supervisor)

#### *Master's Thesis*

2020 Sine Bundsgaard (MSc Health Sciences), Julie Valentin (MSc Pharmacy)  
2019 Lukas Luan Kieu Ha (MSc Public Quality and Management)  
2018 Laura Lund Ditlevsen (MSc Pharmacy)  
2017 Mette Witt Mikkelsen (MSc Rehabilitation)

### **PEER-REVIEWED PUBLICATIONS**

“What explains differences in waiting times for health care across socioeconomic status?” (with Nicolai Fink Simonsen, Søren Rud Kristensen, Luigi Siciliani). *Health Economics* (Accepted, in publication)

“Evaluation of a screening algorithm using the Strengths and Difficulties Questionnaire to identify children with mental health problems: A five-year register-based follow-up on school performance and healthcare use” (with Rasmus Trap Wolf, Pia Jeppesen, Dorte Gyrd-Hansen). *PLoS ONE*, 14 (10), 2019.

“Taking Care of High-Need Patients in Capitation-Based Payment Schemes – An Experimental Investigation.” (with Dorte Gyrd-Hansen, Sibilla Di Guida, Kim Rose Olsen). *Applied Economics*, 2019.

“Testing the Myth of Fee-For-Service and Overprovision in Health Care” (with Sibilla Di Guida, Dorte Gyrd-Hansen). *Health Economics*, 28, 2019.

“Uncertainty about the Effort-Performance Relationship in Threshold-Based Payment Schemes” (with Søren Rud Kristensen, Matt Sutton). *Journal of Health Economics*, 2018.

“Individualized Therapy is a Long-Term Cost-Effective Method Compared to Dose Intensification in Crohn's Disease Patients Failing Infliximab” (with Casper Steenholdt, Jørn Brynskov, Ole Østergaard Thomsen, Lars Kristian Munck, Jan Fallingborg, Lisbet Ambrosius Christensen, Gitte Pedersen, Jens Kjeldsen, Bent Ascanius Jacobsen, Jakob Kjellberg, Klaus Bendtzen, Mark Andrew Ainsworth). *Digestive Diseases and Sciences*, 2015.

“Individualised therapy is more cost-effective than dose intensification in patients with Crohn's disease who lose response to anti-TNF treatment. a randomised, controlled trial” (with Casper Steenholdt, Jørn Brynskov, Ole Østergaard Thomsen, Lars Kristian Munck, Jan Fallingborg, Lisbet Ambrosius Christensen, Gitte Pedersen, Jens Kjeldsen, Bent Ascanius Jacobsen, Jakob Kjellberg, Klaus Bendtzen, Mark Andrew Ainsworth). *GUT*, 2014.

## **WORKING PAPERS**

“Physician Quality and Health Outcomes of Patients with Chronic Disease” (with Meltem Daysal, Christian Skovsgaard).

“Physician Response to Target-Based Performance Payment”. COHERE Discussion Papers 2016:9.

## **WORK IN PROGRESS (selected)**

“Physicians under pressure: Evidence from antibiotic prescribing in England” (with Thomas Allen, Dorte Gyrd-Hansen, Søren Rud Kristensen, Line Bjørnskov Pedersen, Mario Pezzino).

“Allocation of health care under pay for performance: winners and losers” (with Sibilla Di Guida, Dorte Gyrd-Hansen).

“Work pressure and job dissatisfaction: Challenges in Danish general practice” (with Dorte Gyrd-Hansen, Line Bjørnskov Pedersen, Thomas Allen)

“Time to retire? A register-based study of GPs’ effort prior to retirement” (with Jamie O’Halloran, Line Bjørnskov Pedersen, Dorte Gyrd-Hansen).

“Going the extra mile? Physicians’ upcoding of fees for home visits” (with Jamie O’Halloran, Line Bjørnskov Pedersen, Dorte Gyrd-Hansen)

“Home sweet home: GPs’ response to an increase in the fee size for home visits” (with Jamie O’Halloran, Line Bjørnskov Pedersen, Dorte Gyrd-Hansen)

“Time to revisit the agency theory and expand our thoughts on what motivates physicians? A nudge to Health Economists” (with Dorte Gyrd-Hansen, Christian B. Jacobsen, Ulrich Jensen, Line Bjørnskov Pedersen).

## **POLICY REPORTS**

“The Fokus and FORDYB trial – designing a randomised controlled trial for an experiment with new remuneration schemes in general practice.” University of Southern Denmark, 2017. (with Kim Rose Olsen, Line Planck Kongstad, Troels Kristensen, Merethe Kirstine Kousgaard Andersen, René dePont Christensen, Jesper Lykkegaard, Helle Riisgaard, Mie Sara Hestbech, Anne Møller, Thorkil Thorsen, Susanne Reventlow, Kjeld Møller Pedersen). [Link](#).

“Kommunale omkostninger forbundet med overforbrug af alkohol nr. 2. -En registerbaseret analyse af kommunens meromkostninger til overførselsindkomster, personlig og praktisk hjælp og andre støttende foranstaltninger.” Sundhedsstyrelsen, 2013 (with Jakob Kjellberg, Rikke Ibsen). [Link](#).

“PaSS – patientforløb i speciallægepraksis og på sygehus. Analyse af regionernes omkostninger for 13 patientforløb inden for kirurgi og øre-næse-hals- og gynækologispecialt.” KORA, 2012 (with Lone Bilde, Eskild Klausen Fredslund, Marie Kruse, Jan Christensen). [Link](#).

“Ny honorarstruktur i almen praksis. Analyse af behandlingsmønstret ud fra endagsregistreringer og registerdata.” KORA, 2012 (with Jakob Kjellberg, Ann Nielsen, Peter Vedsted). [Link](#).

“Sammenfatning af erfaringerne med opfølgende hjemmebesøg i ti kommuner. Baseret på fem omkostningsanalyser med særligt fokus på de kommunaløkonomiske konsekvenser.” DSI, 2012 (with Jakob Kjellberg). [Link](#).

“Delrapport fra Fredericia Kommune: Erfaringer med opfølgende hjemmebesøg. Omkostningsanalyse med særlig fokus på de kommunaløkonomiske omkostninger.” DSI, 2012 (with Jakob Kjellberg). [Link](#).

“Delrapport fra Københavns Kommune: Erfaringer med opfølgende hjemmebesøg. Omkostningsanalyse med fokus på de kommunaløkonomiske omkostninger” DSI, 2012 (with Jakob Kjellberg). [Link](#).

“Delrapport fra Aalborg Kommune: Erfaringer med opfølgende hjemmebesøg. Omkostningsanalyse med særlig fokus på de kommunaløkonomiske omkostninger” DSI, 2012 (with Jakob Kjellberg). [Link](#).

“Delrapport fra Vestklyngen i Region Midtjylland: Erfaringer med opfølgende hjemmebesøg. Omkostningsanalyse med særlig fokus på de kommunaløkonomiske omkostninger. 2. udgave” DSI, 2012 (with Jakob Kjellberg). [Link](#).

“Delrapport fra Faxe Kommune - Erfaringer med opfølgende hjemmebesøg: Omkostningsanalyse”. DSI, 2012 (with Jakob Kjellberg). [Link](#).