

Liisa T. Laine, DSc

Postdoctoral Fellow, the Department of Health Care Management at the Wharton School, University of Pennsylvania, and the Center for Health Incentives and Behavioral Economics, Perelman School of Medicine, the University of Pennsylvania

Health Care Management Department
University of Pennsylvania
413 Colonial Penn Center
3641 Locust Walk
Philadelphia PA, 19104, USA

Tel: +1-(617)-901-8474
E-Mail: laine@wharton.upenn.edu
ORCID: 0000-0003-0023-1629
Website: www.liisalaine.net
Citizenship: Finland; U.S. Permanent Resident

REFERENCES

Professor Guy David
guydavid2@wharton.upenn.edu
Department of Health Care Management
University of Pennsylvania

Professor Norma B. Coe
nbcoe@pennmedicine.upenn.edu
Perelman School of Medicine
University of Pennsylvania

Professor Claudio Lucarelli
clucarel@wharton.upenn.edu
Department of Health Care Management
University of Pennsylvania

Professor Petri Böckerman
petri.boeckerman@labour.fi
Department of Economics
University of Jyväskylä
School of Business and Economics

EDUCATION

DSc., Economics, University of Jyväskylä School of Business and Economics (Finland) 2019
Dissertation Title: *Essays on the Economics of Health Care Markets*.
Advisor: Professor Ari Hyytinen, University of Jyväskylä School of Business and Economics
MSc., Economics, University of Jyväskylä School of Business and Economics, Finland 2010
BSc., Mathematics, University of Jyväskylä, Finland 2010

FIELDS OF INTEREST

Applied Microeconomics, Industrial Organization, Health Economics

PROFESSIONAL APPOINTMENTS AND GRANT SUPPORTED SCHOLARLY VISITS

Postdoctoral Fellow, Department of Health Care Management at The Wharton School of the University of Pennsylvania, and the Center for Health Incentives and Behavioral Economics, Perelman School of Medicine at the University of Pennsylvania	2021– current
Principal Investigator (PREDICT Consortium), Faculty of Social Sciences, University of Helsinki	2020– current
Associate Fellow, Leonard Davis Institute of Health Economics, The Wharton School of the University of Pennsylvania	2018– current
Postdoctoral Researcher, Leonard Davis Institute of Health Economics, The Wharton School of the University of Pennsylvania, and the Center for Health Incentives and Behavioral Economics, Perelman School of Medicine at the University of Pennsylvania	2019–2021
RCMAR Fellow, USC Schaeffer Center, University of Southern California	2019–2020
Researcher at LDI, The Wharton School of the University of Pennsylvania	2018–2019
Visiting Scholar, The CHOICE Institute, University of Washington	2017–2018
Visiting Scholar, Columbia University, Department of Economics	2015–2017
Visiting Scholar, Boston University, Department of Economics	2012–2015
Risk Analyst, ALM Partners (Helsinki, Finland)	2011–2012
Economist, Bank of Finland (Helsinki, Finland)	2010–2011
Research Assistant, Bank of Finland (Helsinki, Finland)	2009–2010
Economist Trainee, European Central Bank (Frankfurt, Germany)	2009

TEACHING EXPERIENCE*The Wharton School of the University of Pennsylvania*

Pro-Seminar in Health Services Research - Models and Methods (graduate):
2019 (spring semester), 2020 (spring and fall semesters), 2021 (fall semester).
Guest Lecturer and Teaching Assistant to Professor Guy David

The Wharton School of the University of Pennsylvania

Health Services and Policy Research Methods II: Causal Inference Using Secondary Data (graduate)
2020 (spring semester)

Teaching Assistant to Professor Molly Candon and Professor Rachel M. Werner

University of Jyväskylä, School of Business and Economics

KTTA245 / KTT'S245: Economics of Strategy (undergraduate), 2014
Guest Lecturer and Teaching Assistant to Professor Ari Hyytinen

GRANTS AND SCHOLARSHIPS

Title	Role	Agency; Country	Dates	Direct Costs
<i>Pending</i>				
Revealed Societal Disparities and Unequal Impacts of the COVID-19 Pandemic	Principal Investigator	Kone Foundation, Finland	2022–2026	€378,438
Utilization of Health Information Technology and Pharmaceutical Demand	Consortium member	Yrjö Jahnsson Foundation, Finland	2022–2023	€20,000
<i>Current Funding</i>				
Prediction tools and early mitigation measures in crisis preparedness: case COVID-19	Principal Investigator	Academy of Finland	2020–2023	€502,564 (\$622 089)
Competition and provider incentives in health care markets	Consortium member	Academy of Finland	2019–2023	€513,360
<i>Past Funding</i>				
Direct Effects and Spillovers of Monopoly Power: Evidence from the Long-Term Care Market	Principal Investigator	University of Southern California RCMAR Fellowship (NIA)	2019–2020	\$25,000
Yrjö Jahnsson Foundation Scholarships for Graduate Studies in Health Economics	Principal Investigator	Yrjö Jahnsson Foundation, Finland	2010–2017	€140,500
Scholarship for Research Visit at Columbia University	Principal Investigator	Alfred Kordelin Foundation, Finland	2015–2016	€4,000
Scholarship for Research Visit at Boston University	Principal Investigator	Researchers abroad - program, KAUTE foundation, Finland	2012–2013	€20,000
Scholarship for Graduate Studies in Economics, Scholarship for Research Visit at Boston University,	Principal Investigator	University of Jyväskylä: Scholarship for Graduate Studies in Economic, Finland	2012–2013	€9,000
Scholarship for Graduate Studies in Economics	Principal Investigator	OP-Pohjola-group research foundation	2011	€ 18,000

PUBLICATIONS

1. "Quality and Competition between Public and Private Firms", *Journal of Economic Behavior & Organization*, Vol. 140, 336 – 353, 2017, with Ching-to Albert Ma.
2. "Temporary and Persistent Overweight and Long-Term Labor Market Outcomes", (lead author) forthcoming 2021, *International Journal of Health Economics and Management*, with Ari Hyytinen
3. "The Unintended Consequences of Medicare's Wage Index Adjustment on Device Intensive Hospital Procedures: The Case of Transcatheter Aortic Valve Replacement (TAVR) versus Surgical Aortic Valve Re- placement (SAVR)", forthcoming 2021, *American Journal of Managed Care*, with Guy, Candace Gunnarsson, Michael Ryan, Seth Clancy, Gunnar Gunnarsson, Kimberly Moore, and William Irish.

WORKING PAPERS (authors in alphabetical order if not mentioned otherwise)

1. "Multi-Dimensional Product Differentiation in a Mixed Oligopoly" (solo-authored, Revise and Resubmit at *Review of Industrial Organization*)
2. "Information Integration, Coordination Failures, and Quality of Prescribing" (JOB MARKET PAPER), with Petri Böckerman, Mikko Nurminen, and Tanja Saxell (submitted)
3. "Health Care Provider Entry and Quality Competition under Regulated Payments and Inaccurate Quality Perceptions" (solo-authored)
4. "Information Technology, Access, and Use of Prescription Drugs", with Petri Böckerman, Mikko Nurminen, Mika Kortelainen, and Tanja Saxell.

Published as IZA Discussion Paper No. 12275, 2019, with name "Digital Waste? Unintended Consequences of Health Information Technology". Media Coverage: MTV3 (4/4/2019), Pietarsaaren sanomat (4/4/2019), Suomenmaa (4/4/2019), Potilaan lääkärilehti (4/10/2019), Suomen Kuvalehti (4/26/2019), Radio Suomi (5/14/2019)
5. "Face Masks to Prevent Transmission of Respiratory Diseases: A Meta-analysis of Randomized Controlled Trials," with Hanna M Ollila, Markku Partinen, Jukka Koskela, Riikka Savolainen, and Anna Rotkirch (corresponding authors Ollila and Laine, submitted)

WORK IN PROGRESS (authors in alphabetical order)

1. "Market-Level and Distributional Effects of Public School Choice," with Isa Kuosmanen
2. "Substitutes or Complements to Nursing Care? Evidence from Residential Long-term Care Markets," Norma B. Coe
3. "Physician-Patient Attribution, Incentives, and Patient Care," with Guy David and Benjamin Ukert
4. "Welfare-Enhancing Monopoly?" with Austin Bean
5. "Choice and Competition in Public Health Care", with Mika Kortelainen, Konsta Lavaste, Tanja Saxell, and Luigi Siciliani

SELECTED CONFERENCE AND SEMINAR PRESENTATIONS

- 2022:** American Economic Association Annual Meeting, poster session (Boston, USA virtual).
- 2020:** 8th Annual LDI Health Policy Retreat, University of Pennsylvania (Philadelphia, USA). USC RC- MAR Scientist Seminar (Virtual, Los Angeles, USA), 9th Biennial Conference of the American Society of Health Economists 2020 (St. Louis, USA, cancelled due to COVID-19), Penn Bioethics Seminar, Medical Ethics & Health Policy at University of Pennsylvania (Philadelphia, USA, Virtual).
- 2019:** American Economic Association Annual Meeting, poster session (Atlanta, USA), 17th Annual International Industrial Organization Conference (two papers): A rising star session presentation in addition

to a regular session presentation (Boston, USA), 8th Biennial Conference of the American Society of Health Economists (Washington, D.C., USA), iHEA World Congress (Basel, Switzerland), USC RCMAR Scientist Seminar (Los Angeles, USA)

2018: Columbia University Mailman School of Public Health, Health Economics Policy Lunch Talk (NYC, USA), 7th Biennial Conference of the American Society of Health Economists (Atlanta, USA), Pharmaceutical Outcomes Research and Policy Program seminar (Seattle, USA).

2017: Pharmaceutical Outcomes Research and Policy Program seminar (Seattle, USA)

2016: 14th Annual International Industrial Organization Conference, Rising star session (Philadelphia, USA)

2015: 16th European Health Economics Workshop (Toulouse, France), HECER Microeconomics and IO workshop (Helsinki, Finland)

2014: 5th Biennial Conference of the American Society of Health Economists (Los Angeles, USA), Boston University Microeconomics Dissertation Workshop (Boston, USA), HECER Lunch Seminar (Helsinki, Finland)

2013: Nordic Health Economists' Study Group Annual Meeting (Oslo, Norway), Boston University Microeconomics Dissertation Workshop (Boston, USA)

PROFESSIONAL SERVICE

REFEREE FOR: *American Journal of Health Economics, The B.E. Journal of Theoretical Economics, Behavioral Science Policy, Bulletin of Economic Research, European Economic Review, Finnish Economic Papers, Health Economics, International Journal of Environmental Research and Public Health, International Journal of Health Economics and Management, Journal of Economic Behavior & Organization, Journal of Health Economics, Journal of Industrial Economics, The Manchester School.*

OTHER PROFESSIONAL SERVICE: Founder and organizer of the LDI and University of Pennsylvania Postdoc Work in Progress Research Seminar (2021); Scientific Reviewer for International Health Economics Association Annual Congress (Dublin 2014); Member of the Organizing Committee for the Joint European Central Bank/De Nederlandsche Bank Conference on "Retail Payments: Integration and Innovation" (Frankfurt, Germany 2009)

PUBLIC SCHOLARSHIP

"Without oversight, electronic prescribing can harm patients" (STAT first opinion: February 18, 2020) with Jason N. Doctor

"Kasvosuojuksista on merkittävä hyötyä koronavirustartuntojen ehkäisemisessä", (Helsingin Sanomat Vieraskynä, (July 31, 2020) In Finnish, with Hanna Ollila

"Taloustieteellisiä tutkimuksia terveydenhuoltomarkkinoista" (2019) , In Finnish, (Kansantaloudellinen aikakauskirja, Taloustieteellinen yhdistys.

STUDENTS MENTORED

Post-doctoral fellows:

Karen Zhang (2021–current), PREDICT Consortium, University of Helsinki and Helsinki Graduate School of Economics, Finland.

PhD Students:

Isa Kuosmanen (2014–2020), PhD at the University of Helsinki, and University of Fribourg. Current placement: A postdoctoral researcher in GSEM, University of Geneva.

Mikko Nurminen (2014–2021), PhD at the University of Turku. Current placement: Kela, the Social Insurance Institution of Finland.

Konsta Lavaste (2020–current), PhD student at the University of Jyväskylä School of Business and Economics.

Undergraduate Students:

Gloria Mpundu (summer 2020), Summer Undergraduates Minority Research Program (SUMR) Mentor through Wharton/LDI.

OTHER

Computer Skills: Stata, MATLAB, SQL

Languages: English (fluent), Finnish (native), Swedish (fluent)