

# Liisa Tuulikki Laine

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## FIELDS OF INTEREST

Applied Microeconomics, Industrial Organization, Health Economics, Labor Economics

## PROFESSIONAL APPOINTMENTS AND GRANT SUPPORTED SCHOLARLY VISITS

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Assistant Professor, University of Missouri, Department of Economics	2022–present
Principal Investigator (PREDICT Consortium), University of Helsinki, Faculty of Social Sciences	2020–2023
Postdoctoral Fellow, Department of Health Care Management at The Wharton School of the University of Pennsylvania, and the Department of Medical Ethics and Health Policy, Perelman School of Medicine at the University of Pennsylvania	2021–2022
Associate Fellow, Leonard Davis Institute of Health Economics, The Wharton School of the University of Pennsylvania	2018–2022
Postdoctoral Researcher, Leonard Davis Institute of Health Economics (LDI), The Wharton School and Perelman School of Medicine at the University of Pennsylvania	2019–2021
RCMAR Fellow, USC Schaeffer Center, University of Southern California	2019–2020
Predoctoral Researcher, Leonard Davis Institute of Health Economics (LDI), The Wharton School and Perelman School of Medicine at the University of Pennsylvania	2019–2020
Visiting Scholar, University of Washington, The CHOICE Institute	2017–2018
Visiting Scholar, Columbia University, Department of Economics	2015–2017
Visiting Scholar, Boston University, Department of Economics	2012–2015

## EDUCATION

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DSc, Economics, University of Jyväskylä School of Business and Economics Finland 2019.

## TEACHING EXPERIENCE

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### *University of Missouri*

Economics 9455 (graduate): Monopoly and Competition. Course Instructor.(s2024)  
Economics 4355/7355 (undergraduate, Master's): Industrial Organization. Course Instructor. (s2023)  
Economics 4357/7357(undergraduate, Master's): Health Economics. Course Instructor. (s2023, s2024)

### *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

### *Perelman School of Medicine at 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 / KTTS245: Economics of Strategy (undergraduate), 2014.  
Guest Lecturer and Teaching Assistant to Professor Ari Hyttinen.

**GRANTS AND SCHOLARSHIPS**

<b>Title</b>	<b>Role</b>	<b>Agency; Country</b>	<b>Dates</b>	<b>Total Direct Costs</b>
<i>Current Funding</i>				
The Effects of Health Information Technology on Prescription Drug use, Medication Adherence, and Labor Market Attachment	PI	Yrjö Jahnsson Foundation, Finland	2023–2024	€20,000
<i>Past Funding</i>				
Disparities in Long-term Care Utilization and Access	Postdoctoral Fellow PI: Coe	R01 Supplement; NIA	2019–2022	\$73,710
Effects of Informal Care for Persons with Alzheimer's Disease and Related Dementias	Postdoctoral Fellow PI: Coe	R01; NIA	2017–2022	\$2,688,920
Utilization of Health Information Technology and Pharmaceutical Demand	Consortium member	Yrjö Jahnsson Foundation, Finland	2022–2023	€8,000
Prediction tools and early mitigation measures in crisis preparedness: case COVID-19	PI	Academy of Finland	2020–2023	€502,564
Competition and provider incentives in health care markets	Consortium member	Academy of Finland	2019–2023	€513,360
Direct Effects and Spillovers of Monopoly Power: Evidence from the Long-Term Care Market	PI	University of Southern California RCMAR Fellowship (NIA)	2019–2020	\$25,000
Yrjö Jahnsson Foundation Scholarships for Graduate Studies in Health Economics	PI	Yrjö Jahnsson Foundation, Finland	2010–2018	€140,500
Scholarship for Research Visit at Columbia University	PI	Alfred Kordelin Foundation, Finland	2015–2016	€4,000
Scholarship for Research Visit at Boston University	PI	Researchers abroad - program, KAUTE foundation, Finland	2012–2013	€20,000
Scholarship for Graduate Studies in Economics, Scholarship for Research Visit at Boston University,	PI	University of Jyväskylä: Scholarship for Graduate Studies in Economic, Finland	2012–2013	€9,000
Scholarship for Graduate Studies in Economics	PI	OP-Pohjola-group research foundation	2011	€ 18,000

**PUBLICATIONS****Economics**

1. "Health Information Technology, Improved Access, and Use of Prescription Drugs", **(Accepted), The Journal of the European Economic Association**, with Petri Böckerman, Mikko Nurminen, Mika Kortelainen, and Tanja Saxell.

2. "Information Integration, Coordination Failures, and Quality of Prescribing", (**Forthcoming, published ahead of print on December 7, 2022**) **Journal of Human Resources**, with Petri Böckerman, Mikko Nurminen, and Tanja Saxell.
3. "Temporary and Persistent Overweight and Long-Term Labor Market Outcomes", (**2022**) **International Journal of Health Economics and Management**. 181–203, with Ari Hyytinen.
4. "Quality and Competition between Public and Private Firms", (**2017**) **Journal of Economic Behavior & Organization**, Vol. 140, 336 – 353, with Ching-to Albert Ma.

### Health Policy

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1. "Growth of Private Pay Senior Housing Communities in Metropolitan Statistical Areas in the United States: 2015–2019" (**2023**) **Medical Care Research and Review**, 80(1):101-108, with Katherine E. M. Miller, Jiayi Zhao, and Norma B. Coe.
2. "Face Masks to Prevent Transmission of Respiratory Diseases: Systematic review and meta-analysis of randomized controlled trials on face mask use," (**2022**) **PLoS ONE**, 17(12): e0271517, with Hanna M Ollila, Markku Partinen, Jukka Koskela, Riikka Savolainen, and Anna Rotkirch.
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 Replacement (SAVR)", (**2022**) **The American Journal of Managed Care**. 28(3), e96-e102, with David, Guy, Candace Gunnarsson, Michael Ryan, Seth Clancy, Gunnar Gunnarsson, Kimberly Moore, and William Irish.

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

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1. "Multi-Dimensional Product Differentiation in a Mixed Oligopoly" (solo-authored, Revise and Resubmit at *Review of Industrial Organization*)
2. "Improving Performance Through Allocation and Competition: Evidence from a Patient Choice Reform", with Mika Kortelainen, Konsta Lavaste, Tanja Saxell, and Luigi Siciliani
3. "The Effects of Minimum Wage and Overtime Protections on the Direct Care Workforce," with Katherine E. M. Miller and Norma B. Coe (submitted)
4. "Payment Regulation, Entry, and Quality Misperception" (solo-authored)
5. "Market-Level Effects of Public School Choice," with Isa Kuosmanen

### WORK IN PROGRESS (authors in alphabetical order)

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1. "Residential Long-Term Care: Impact of Supply and Competition on Residential Sorting," with Norma B. Coe
2. "Are Pay-for-Performance Incentives Diluted by Misattribution: Evidence from Primary Care," with Guy David and Benjamin Ukert.

### SELECTED CONFERENCE AND SEMINAR PRESENTATIONS & PAPERS ACCEPTED

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**2024:** American Economic Association Annual Meeting (USA, full paper presentation), 22nd Annual International Industrial Organization Conference (USA, paper accepted, presentation scheduled), Kansas Health Economics Conference 2024 (USA, paper accepted, presentation scheduled).

**2023:** The Yrjö Jahnsson Foundation Seminar (Finland), Helsinki Institute of Life Science (Finland, virtual), CEPR

conference in Health Economics 2023 (France), University of Missouri Economics Brownbag Seminar (USA).

**2022:** American Economic Association Annual Meeting, poster session (USA, virtual), University of Missouri Economics Department Seminar (USA, virtual), 11th Annual Conference of the American Society of Health Economists 2022 (USA), NBER Summer Institute IT and Digitization (USA), ITAM (Mexico, virtual), Kansas State University (virtual, USA) .

**2020:** 8th Annual LDI Health Policy Retreat, University of Pennsylvania (USA). USC RCMAR Scientist Seminar (USA, virtual), 9th Annual Conference of the American Society of Health Economists 2020 (USA, cancelled due to COVID-19), Penn Bioethics Seminar, Medical Ethics & Health Policy at University of Pennsylvania (USA, Virtual).

**2019:** American Economic Association Annual Meeting, poster session (USA), 17th Annual International Industrial Organization Conference (two papers): A rising star session presentation in addition to a regular session presentation (USA), 8th Annual Conference of the American Society of Health Economists (USA), iHEA World Congress (Switzerland), USC RCMAR Scientist Seminar (USA)

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

**2017:** Pharmaceutical Outcomes Research and Policy Program seminar (USA).

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

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

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

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

## PROFESSIONAL SERVICE

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**MANUSCRIPT REVIEW SERVICE:** 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 European Economic Association, Journal of Economic Behavior & Organization, Journal of Economics & Management Strategy, Journal of Health Economics, Journal of Industrial Economics, The Journal of Public Economics Theory, The Manchester School, Management Science, The Review of Industrial Organization.

**OTHER PROFESSIONAL SERVICE:** Scientific Reviewer for Kansas Health Economics Conference (2024), Scientific Reviewer for Midwest Health Economics Conference (2022); Founder and organizer of the LDI and University of Pennsylvania Postdoc Work in Progress Research Seminar (2021–2022); 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

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

"Kasvosuojuksista on merkittävä hyötyä koronavirustartuntojen ehkäisemisessä" (Face masks are an important policy measure to prevent the spread of COVID-19 infections), (Helsingin Sanomat Vieraskynä, (July 31, 2020) In Finnish, with Hanna Ollila

Liisa T. Laine: Curriculum Vitae (April 2024)  
"Taloustieteellisiä tutkimuksia terveydenhuoltomarkkinoista" (Economic research on health care markets) (2019) ,

In Finnish, (Kansantaloudellinen aikakauskirja, Taloustieteellinen yhdistys.

## **STUDENTS MENTORED**

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### **Post-Doctoral Fellows:**

Henrika Langen (2022–2023), PREDICT Consortium, University of Helsinki and Helsinki Graduate School of Economics, Finland. Placement: University of Vienna.

Karen Zhang (2021–2022), PREDICT Consortium, University of Helsinki and Helsinki Graduate School of Economics, Finland. Placement: Analysis Group, Boston.

### **PhD Students:**

Isa Kuosmanen (2014–2020), PhD at the University of Helsinki, and University of Fribourg. Placement: Postdoctoral researcher at GSEM, University of Geneva.

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

Konsta Lavaste (2020–2022), PhD student at the University of Jyväskylä School of Business and Economics. Placement:

### **Undergraduate Students:**

Kathryn Gluesenkamp (2023), BSc in Economics and BSc in Health Science in Public Health, University of Missouri.

Tapio Haaga (2020–2021), PREDICT Consortium, University of Helsinki and Helsinki Graduate School of Economics, Finland. Placement: PhD student at University of Turku.

Gloria Mpundu (summer 2020), Summer Undergraduates Minority Research Program (SUMR) Mentor, Wharton and Leonard Davis Institute of Health Economics at the University of Pennsylvania.

Danielle Victoriano (summer 2020), Research Assistant at Direct Effects and Spillovers of Monopoly Power: Evidence from the Long-Term Care Market, RCMAR grant.