

CV Ismo Linnosmaa

May 2, 2021

1. Personal information

- Name: Linnosmaa, Ismo Erkki Olavi
- ORCID: <https://orcid.org/0000-0003-0178-8111>
- Citizenship: Finnish
- Webpage: <https://uefconnect.uef.fi/en/person/ismo.linnosmaa/>

2. Education and degrees awarded

- Doctor of Philosophy (PhD, Economics), 19.5.2001, Department of Economics, State University of New York at Stony Brook, New York, USA
- Licentiate degree (Economics), 24.8.1995, Department of Economics, University of Joensuu, Finland
- Master degree (Economics), 25.1.1990, Department of Economics, University of Joensuu, Finland
- Title of docent, 12.6.2009, Economics, Department of Economics, University of Turku, Finland

3. Current positions

- Professor, 1.9.2017-, Department of Health and Social Management, University of Eastern Finland, Kuopio, Finland
- Research professor, 15.2.2010-, Finnish Institute for Health and Welfare, Helsinki, Finland

4. Previous work experience

- Deputy head of the unit, 1.1.2015-1.9.2017, Centre for Health and Social Economics, Finnish Institute for Health and Welfare, Helsinki, Finland
- Unit head, 1.4.2012-31.12.2014, Centre for Health and Social Economics, Finnish Institute for Health and Welfare, Helsinki, Finland
- University lecturer, 1.1.2011-15.2.2012, Department of Health and Social Management, University of Eastern Finland, Kuopio, Finland
- Senior Assistant, 1.9.1997-31.12.2010, Department of Health and Social Management, University of Eastern Finland (formerly University of Kuopio), Kuopio, Finland
- Visiting research fellow, 1.2.2008-31.7.2008, Centre for Health Economics, University of York, York, UK
- Professor, 1.10.2007-31.12.2007, Department of Health and Social Management, University of Eastern Finland (formerly University of Kuopio), Kuopio, Finland
- Visiting scholar and lecturer, 1.1.2004-30.6.2004, Department of Economics, Boston University, Boston, USA
- Research manager, Department of Pharmacy, University of Eastern Finland (formerly University of Kuopio), Kuopio, Finland

5. Breaks of the working career

- PhD student, 1.8.1993-1.8.1996, Department of Economics, State University of New York at Stony Brook, New York, USA.

6. Research Funding (since 2007)

- 2007, Research funding, Project: Physician prescription behavior and the demand for pharmaceuticals, Funder: Yrjö Jahnsson Foundation, Role: Principal investigator/Project leader
- 2010 Research funding, Project: Physician prescription behavior and the demand for pharmaceuticals, Funder: Academy of Finland. Role: Principal investigator/Project leader
- 2011, Research funding, Project: Vouchers in social care, Helsinki City, Role: Principal investigator /Project leader
- 2012, Research funding, Project: Cost-effectiveness of primary health care and social care services, Funder: National Institute for Health and Welfare, Role: Chairman of the program
- 2013, Research funding, Price competition and market structure in the Finnish pharmaceutical markets, Funder: Kela, Role: Principal investigator/Project leader
- 2014, Research funding, Project: Social Protection Innovative Investment in Long Term Care (SPRINT), Funder: European Union (Horizon 2020), Role: Principal investigator in Finland, Project leader: Bernard Casey/Alan Glanz, PSSRU, London School of Economics

- 2015, Research funding, Exploring Comparative Effectiveness and Efficiency in Long-term care (EXCELC), Funder: NORFACE, Principal investigator in Finland, Project leader: Julien Forder, PSSRU, University of Kent
- 2015, Research funding, Network on cost-effectiveness and quality in long-term care (CEQUA), Funder: European Union, Role: Senior researcher in WP5 in Finland, Project leader: Jose-Luiz Fernandes, PSSRU, London School of Economics

7. Research supervision

Doctoral students (degrees completed):

- Satu Jäntti, Kansalainen terveystalouden valitsemassa. Kolmivaiheinen valintamalli julkisissa ja yksityisissä lääkäripalveluissa (Citizens' choices of health services. The three-stage choice model of the physician services in the public and private Sectors), University of Eastern Finland, 2008
- Eila Kankaanpää, Studies on Purchasers and Providers of Occupational Health Services in Finland, Dissertation in Social Sciences and Business Studies, University of Eastern Finland, 2012
- Jaana Hurri, Institutionaalinen taloustieteellinen vertailu uudelleenorganisoinnin kustannuksista: Tutkimus ei-laskennallisista kustannustekijöistä kunnallisessa ja liikelaitostetussa terveydenhuollon laboratoriossa 2002-2009 (Comparing reorganization costs in the frame of Institutional Economics: Case study of the non-deferred costs in municipal enterprise types of health care laboratory 2002-2009), Dissertation in Social Sciences and Business Studies, University of Eastern Finland, 2016
- Piia Pekola, Effects of competition and regulation on quality in physiotherapy, University of Eastern Finland, 2018
- Ray Devdatta, Essays in economic growth, health and inequality in developed and less developed countries, Dissertations in Social Sciences and Business Studies, University of Eastern Finland, 2019

Current doctoral students: Joni Hokkanen, Visa Pitkänen, Elisa Rissanen, Taru Haula, Anna Karttunen, Terhi Auvinen

Master students (degrees completed):

- Supervision of 28 (completed) master theses during the years 1997-2020 at the Department of Health and Social and Health Management, University of Eastern Finland (formerly University of Kuopio)

8. Teaching experience

- Regular teaching for undergraduate students at the Department of Social and Health Management, University of Eastern Finland (formerly University of Kuopio), Finland during the years 1998-2009, 2017: 1998-2000, Health economics (twice), Health economic evaluation (several times), Basic econometrics (several times), Seminar for bachelor students (annually); 2001-2004, Finnish economy and the basic principles of economics (annually), Introduction to microeconomics (annually), Seminar for bachelor students (annually), Mathematical economics (every other year); 2005-2009, Introduction to microeconomics (annually), Microeconomics 1 (annually), Seminar for bachelor students (annually), Industrial organization 1 (every other year), Mathematical economics 1 (every other year), 2017: Mathematical economics, Microeconomics; Health economics 2019
- Teaching PhD and Master courses: Years 2018-2019 Reading seminar for health economists (PhD students), University of Eastern Finland; Year 2018: Health Economics (Master students), University of Eastern Finland; Year 2004 Health Economics PhD course, Department of Economics, Boston University, USA
- Occasional university teaching: 2000, Economic and technological evaluation of drugs, Department of Social Pharmacy, University of Kuopio; 2006 and 2007, Game theory and economic applications, Department of Social and Health Management (2006), University of Kuopio (course was also offered to postgraduate students) and Department of Economics (2007), University of Joensuu; 2004, Health economics, a PhD course (course was offered to postgraduate students), Department of Economics, Boston University, Boston USA, 2001, Introduction to Microeconomics, MBA programme, University of Kuopio; 2011 and 2013, Industrial organization 1, Department of Social and Health Management, University of Eastern Finland

9. Organization of scientific conferences

- Annual Health Economics Day, Helsinki, for the years 2014-2018. The day is organized by the Finnish Society of health Economics. Own role: a vice president (years 2014-2017) and a president of the Finnish Society of Health Economics (1.1.2018-).

10. Awards, prizes and honours

- Yrjö Jahnsson Fulbright Scholarship for advanced studies in Economics in the USA, 1993
- Alan William fellowship for research at the Centre for Health Economics, University of York, York, UK, 2007

11. Other scientific or academic merits

- Opponent of PhD dissertations: Gisela Hostenkamp's PhD dissertation, 26.10.2018, University of Southern Denmark, Odense, Denmark; Jaana Kari's PhD dissertation, 26.1.2018, University of Jyväskylä, Jyväskylä, Finland
- Pre-examiner of PhD theses: Gisela Hostenkamp's PhD thesis, 26.10.2018, University of Southern Denmark, Denmark; Liisa Laine's PhD dissertation, 26.2.2019, University of Jyväskylä, Finland; Mikko Nurminen's PhD dissertation, 22.4.2021, University of Turku, Finland
- Scientific expert in health economics, Yrjö Jahnsson Foundation, 1.1.2012-31.12.2017; Role: to evaluate scientific quality and competence of funding applications in health economics
- Member of the Editorial board of the Nordic Journal of Health Economics
- Member of the ASCOT International Advisory Committee, 2014-
- Principal investigator in the field of health and social economics in the Effectiveness Research Community at the University of Eastern Finland
- Responsible professor of the Faculty of Social Sciences in the House of Effectiveness at the University of Eastern Finland
- Member of the Council for Choices in Health Care in Finland (PALKO), 2020-2023
- Member of the scientific panel on population policy, May 28, 2020-January 31, 2021
- Referee work: e.g. *Journal of Health Economics*, *Health Economics*, *European Journal of Health Economics*, *Journal of Long-term Care*, *Social Science and Medicine*

12. Membership of scientific associations

- Member of the expert group on productivity and effectiveness in social and health care at THL, 2015-2017
- Vice present of the Finnish Society of Health Economics, 1.1.2014-31.12.2017
- President of the Finnish Society of Health Economics, 1.1.2018-

13. 10 most important publications

1. Sintonen H, and Linnosmaa I. 2000. Economics of dental services, in Culyer, A. and Newhouse J. (eds.), *Handbook of Health Economics*, Elsevier Science, North-Holland, Amsterdam, 2000
2. Kivioja A., Linnosmaa I., Vehviläinen A, and Vohlonen, I. 2004. Cost-minimization analysis of treatment of gastroesophageal reflux disease. Implications of varying holding time on conclusions, *European Journal of Pharmaceutical Sciences*, 21, 171-178
3. Linnosmaa, I., Hermans, R., and Hallinen, T. 2004. Price-cost margin in the pharmaceutical industry: Empirical evidence from Finland, *European Journal of Health Economics*, 5, 122-128.
4. Martikainen J., Kivi I., Linnosmaa I. 2006, European prices of newly launched reimbursable pharmaceuticals – a pilot study, *Health Policy*, 74, 235-246
5. Pekola P, Linnosmaa I, Mikkola HM. 2017. Does competition have an effect on price and quality in physiotherapy? *Health Economics*, 26, 1278-1290
6. Linnosmaa I., Nguyen L. 2017. Long-term care expenditures in Finland in Greve B. (ed.) *Long-term Care for the Elderly in Europe. Development and Prospects*, Routledge Taylor & Francis Group, Oxford UK.
7. Saloniki E-C, Malley J, Burge P, Lu H, Batchelder L, Linnosmaa I, Trukeschitz B, Forder J. 2019. Comparing internet and face-to-face surveys as methods for eliciting preferences for social care-related quality of life: Evidence from England using the ASCOT service users measure, *Quality of Life Research* 28, 2207-2220.
8. Crea G, Galizzi M, Linnosmaa I, Miraldo M. 2019. Physician altruism and moral hazard: (no) Evidence from Finnish national prescription data, *Journal of Health Economics*, 65, 153-169.
9. Batchelder L, Malley J, Burge P, Lu H, Saloniki E-C, Linnosmaa I, Trukeschitz B, Forder J. 2019. Carer Social Care-Related Quality of Life Outcomes: Estimating English Preference Weights for the Adult Social Care Outcomes Toolkit for Carers, *Value in Health* 22(12), 1427-1440.
10. Hajji A, Trukeschitz B, Malley J, Batchelder L, Saloniki E, Linnosmaa I, Lu H. 2020. Population-based preference weights for the Adult Social Care Outcomes Toolkit (ASCOT) for service users for Austria: Findings from a best-worst experiment, *Social Science and Medicine* 250, 112792

14. More publications: <https://uefconnect.uef.fi/en/person/ismo.linnosmaa/>