

# CURRICULUM VITAE

Ulla Lehmijoki

Valkjärventie 13

Fin-02130 Espoo, Finland

+358 9 522121

ulla.lehmijoki@helsinki.fi

## PERSONAL:

**Family Name:** Lehmijoki

**First Name:** Ulla Marja-Liisa

**Date of Birth:** 30 October 1949

**Field:** Economic Growth, population economics

**Degrees:**

Master of Social Sciences	1976
Yrjö Jansson Graduate Course	1978
Licentiate of Social Sciences	1982
Teacher's education	1995
DSocSc	2003
Docent in economics	2009

**Scholarships:**

Yrjö Jansson Foundation	1977
Yrjö Jansson Foundation	1979
Yrjö Jansson Foundation	1980
Yrjö Jansson Foundation	2004

**Employment:**

Assistant (University of Turku)	1978-1990
Researcher (Academy of Finland)	1982-1985
Teacher (Turun kristillinen opisto)	1986-1987
Lector (University of Joensuu)	1993-1994
Acting Associate Professor (Univ. of Helsinki)	1996-1997
Senior Assistant (University of Helsinki)	1997-1999
Visiting Lecturer (Many Schools and Universities)	1978-2000
University Lecturer (University of Helsinki)	2000-2006
University Lecturer (University of Helsinki)	2008-2009
Professor (acting, University of Helsinki)	2009-2013
Matriculation Board (associate member)	2011 -
University Lecturer (University of Helsinki)	2013-

## **Teaching Experience:**

### **Courses Given at Universities**

Linear Models in Economics 1978

Economics of Taxation 1978

Economics of Health 1989, 1990, 1991, 1992

Principles of economics 1991, 1994, 1995, 1999, 2000,2003

Macroeconomics, intermediate level 1979, 1981, 1984, 1986, 1987, 1988, 1990, 1996

Microeconomics, intermediate level 1993, 1994, 2000-2008

Macroeconomics, advanced level 1997

Microeconomics, advanced level 1993

Mathematical methods in economics 2009, 2010, 2011, 2011, 2012

Population economics 2009, 2010

### **Courses in English**

Principles of economics 1995, 1996, 1997, 1998, 1999

Microeconomics, intermediate level 1997

Macroeconomics, intermediate level 1994

### **Courses in Other Shools**

Principles of economics 1995, 1996, 1999

Social policy, principles1986, 1987,1991,1992

Labor economics 1990

Sociology of the family 1991, 1992

### **Activity in Introducing New Teaching Methods:**

Mathematica-exercices for intermediate microeconomics 1994, 1998

### **Publications:Referee Journals and books**

(1984): "Notes on Quasi-Convexity of the Cost Function," *Scandinavian Journal of Economics* 86, 3, 385-389.

(1987): "On Quasi-Convexity of the Cost Function," *Scandinavian Journal of Economics*, 89,1. Co-authored with Rolf Färe.

(2006): "Political instability, gender discrimination, and population growth in developing countries," *Journal of Population Economics*, 19, 431--446. Co-authored with Tapio Palokangas.

(2009): Population Growth Overshooting and Trade in Developing Countries. *Journal of Population Economics* 22, 43—56. Co-authored with Tapio Palokangas.

(2009): Air Pollution Mortality in Denmark, Finland, and Sweden. *Finnish Yearbook of Population Research* 44, 97-108. Co-authored with Elena Rovenskaya .

(2009): Global Trends in Life Expectancy: A Club Approach. *Finnish Yearbook of Population Research* 44, 33-50.

(2010): Trade, Population Growth, and the Environment in Developing Countries. *Journal of Population Economics* 23(4), 1351-1373. Co-authored with Tapio Palokangas.

(2010): "Environmental Mortality and Long-Run Growth,". In: Cuaresma, Jesus Crespo, Palokangas, Tapio, Taraseyev, Alexander (eds.): *Dynamic Systems, Economic Growth, and the Environment*, 239--258. Springer, Heidelberg. Co-authored with Elena Rovenskaya.

(2011): "Homothetic Growth Models." In Oliver de Grandeville (ed). *Frontiers of Economic Growth and Development*. Emerald Group Publishing Limited . Co-authored with Bjarne Jensen.

(2013) "Optimal Pollution, Optimal Population, and Sustainability," in: *Green Growth, and Sustainable Development*. Edited by J. Crespo Cuaresma, T. Palokangas and A. Tarasyev. Heidelberg: Springer Verlag 2013.

(2014): "Landowning, Status and Population Growth". Co-authored with Tapio Palokangas. In "Dynamic Optimization in Environmental Economics" (315–328). Edited by Elke Moser, Willi Semmler, Gernot Tragler, Vladimir Veliov. Heidelberg: Springer Verlag .

(2015): "Non-Homothetic Multisector Growth Models," *Review of Development Economics* 19(2), 221–243. Co-authored with Bjarne S. Jensen and Elena Rovenskaya

(2016): "Land reforms and population growth". Co-authored with Tapio Palokangas. *Portuguese Economic Journal*, 15(1), 1-15.

### **Other publications**

(1977): "Von Neumannin malli," *Turun yliopiston taloustieteen julkaisuja*, Sarja A:2.

(1979): "Endogenous Technical Progress in Models of Economic Growth," *Turun yliopiston taloustieteen julkaisuja*, Sarja C:3.

(1981): "Production Technology and Dual Theory of Firms," *Turun yliopiston taloustieteen julkaisuja*, Sarja A:10.

(1982): "Tuotanto-oletukset ja yrityksen duaaliteoria," *Taloustieteellisen seuran vuosikirja 1981/1982*.

(2003): "Demographic Transition and Economic Growth," *Research Reports, Dissertationes Oeconomicae No. 99:2003*.

(2004): *Demographic Transition in the Ramsey Model: Do Country-Specific Features Matter?* HECER Discussion Paper No 32.

(2004): "Political instability, gender discrimination, and population growth in developing countries," *Department of Economics Discussion Paper No*

6109. Co-authored with Tapio Palokangas.

(2005): "Population Growth Overshooting and Trade in Developing Countries," Department of Economics Discussion Paper No: 621:2005. Co-authored with Tapio Palokangas.

(2006): "Optimal Pollution, Optimal Population, and Sustainability," HECER Discussion Paper No: 101.

(2006): "Demographic Clubs; Convergence Within, Divergence Between," HECER Discussion Paper No: 136. Co-authored with Jenni Pääkkönen.

(2007): "Trade, Status, Population Growth, and Environment in Developing Countries," Department of Economics Discussion Paper No: 629:2007. Co-authored with Tapio Palokangas.

(2007): "Optimal Pollution and Optimal Population," IIASA Interim Report IR-07-023. Co-authored with Elena Rovenskaya.

(2008) U.Lehmijoki, E. Rovenskaya, D.Cherepanova. Negative Investment Option in Optimizing Economic Growth, International Institute for Applied System Analysis, Laxenburg, Austria, Interim Report IR-08-033, November 2008.

(2008): "Longevity Clubs," HECER Discussion Paper No 234.

(2009): "Convergence and Demographic Transition: A Club Approach," Department of Economics Discussion Paper No: 638. Co-authored with Jenni Pääkkönen.

(2009): "Environmental Mortality and Long-Run Growth," HECER Discussion Paper No 252. Co-authored with Elena Rovenskaya.

(2009): "Environmental Mortality and Long-Run Growth," Reports of the Department of Mathematical Information Technology Series B. Scientific Computing No. B. 2/2009. Co-authored with Elena Rovenskaya.

(2009): "Air Pollution Deaths in Europe 2020: A Survey," Department of Economics Discussion Paper No: 640. Co-authored with Elena Rovenskaya.

(2009): "The problem of optimal control of the industrial air pollution." In: Dynamic Control Problems (eds. Yu.S.Osipov, A.V.Kryazhimskiy), Moscow: CMC Faculty Publishing House, 2008, 3: 170-189 (in Russian). Co-authored

with Elena Rovenskaya.

(2010) Luentoja Mikrotalousteoriasta. Kansantaloustieteen opintomonisteita 1:2010. ISSN 1799—0106, ISBN 978--952--10--5351--1

(2010): “Air Pollution in Europe 2020: The Gravity Model and EKC Decomposition,” HECER Discussion Paper No: 292.

(2010): “Demographic and Economic Consequences of the Post-war Mortality Decline in Developing Countries,” Department of Economics Discussion Paper No: 624:2010. Co-authored with Tapio Palokangas

(2010) Luentoja väestötaloustieteestä. Kansantaloustieteen opintomonisteita 2:2010. ISSN 1799-0106, ISBN 978-952-10-5356-6

(2011): “The Long-Run Effects of Mortality Decline in Developing Countries,” IZA (Institute for the Study of Labor ) Discussion Paper No: 5422. Co-authored with Tapio Palokangas

(2011): “Population Growth and Multiple Equilibria: Inferences from a Modified Ramsey Model, ” IZA (Institute for the Study of Labor ) Discussion Paper No: 5469.

(2013): “Landowning, Status and Population Growth,” Department of Economics Discussion Paper No: 651. Co-authored with Tapio Palokangas

(2013): “Solutions and Phase Portraits of Endogenous Growth Models with Optimal Saving,” HECER Discussion Paper No 361. Co-authored with Bjarne S. Jensen

(2014): “Land Reforms, Status and Population Growth,” IZA (Institute for the Study of Labor ) Discussion Paper No: 8054. Co-authored with Tapio Palokangas.

(2016): “[Fertility, Mortality and Environmental Policy](#)”, IZA Discussion Paper No: 10465. Co-authored with Tapio Palokangas.

## Textbook Chapters

(1985): "Ympäristö ja taloustiede,"  
Ympäristönsuojelun peruskurssi 3. Ympäristö ja yhteiskunta.  
Turun yliopisto, avoin korkeakouluopetus. Oppikirja ss. 39-68. Turku 1985.

(2010): Väestöllinen transiitio muuttaa maailmaa. In: Halko, M-L and Mikkola, A. (eds): Naiset, miehet ja talous. Gaudeamus, Helsinki.

### Articles in Newspapers

(1996): "Koulutuksen arviointia tarkasteltava kriittisesti,"  
Helsingin sanomat 7.7.

(1998): "Afrikka on väestöloukussa,"  
Helsingin Sanomat, 5.5.

(2004): "Ilmastonmuutos on yhä ajankohtainen uhkakuva,"  
Helsingin Sanomat 19.5.

### International conference presentations:

(2002): "Demographic Transition in the Ramsey Model", in conference for Dynamics, Economic Growth and International Trade (DEGIT), Köln.

(2003): "Learning by Living, Early Development," Kansantaloustieteen päivät, Oulu.

(2003): "Learning by Living, Early Industrialization," in conference for Dynamics, Economic Growth and International Trade (DEGIT), Helsinki.

(2004): "Sustainability, Optimal Population, and Optimal Pollution," Kansantaloustieteen päivät, Kuopio.

(2004): "Sustainability, Optimal Population, and Optimal Pollution," in conference for Dynamics, Economic Growth and International Trade (DEGIT), Rejkjavik.

(2004): "Demographic Transition in the Ramsey Model," in conference of European Population Association (ESPE).

(2004): "Demographic Transition in the Ramsey Model" in conference for Development Economics, Kothenburg.

(2005): "Political instability, gender discrimination, and population growth in developing countries" in conference for Development Economics, Helsinki, together with Tapio Palokangas.

(2006): "Population Growth Overshooting and Trade in Developing

Countries,” in conference for Dynamics, Economic Growth and International Trade (DEGIT), Jerusalem

(2008): “Air Pollution Mortality in Europe,” in conference “Globalization, Energy and the Environment”, May 29<sup>th</sup> and 30<sup>th</sup>, Warsaw School of Economics and University of Washington. Paper together with Elena Rovenskaya.

(2008): “Air Pollution Mortality in Denmark, Finland, and Sweden,” in conference The 16<sup>th</sup> Nordic Demographic Symposium in Helsinki, 5-7 June. Paper together with Elena Rovenskaya.

(2008): “Longevity Clubs,” in conference The 16<sup>th</sup> Nordic Demographic Symposium in Helsinki, 5-7 June.

(2009): “Environmental Mortality and Economic Growth,” in symposium on Energy and CO2 Emissions/Policies – Global CO2 Economics. Sonderburg, 18-19 August.

(2010): “Demographic and Economic Consequences of the Post-war Mortality Decline in Developing Countries,” in conference for Dynamics, Economic Growth and International Trade (DEGIT XV), Frankfurt

(2011): “Homothetic Growth Modes,” in conference for Dynamics, Economic Growth and International Trade (DEGIT XV), St. Petersburg

(2011): “Optimal Population, Optimal Pollution, and Sustainability,” in Symposium Green growth and sustainable development, IIASA, Vienna.

(2012): “Optimal Pollution, Optimal Population,” in conference for Dynamics, Economic Growth and International Trade (DEGIT XVI), Milan.

(2013): “Landowning, Status and Population Growth,” in conference for Structural Change, Dynamics, and Economic Growth Livorno.

(2013): “Landowning, Status and Population Growth,” in “Workshop on Endogenous Growth and Sustainable Development”, 13-15.11.2013 St. Petersburg.

(2016): “Land reforms and population growth” in conference for Dynamics, Economic Growth and International Trade (DEGIT XIX), Nottingham.

**Referee work::**

(2010) Portuguese Stock Market: a Long Memory Process  
Lehmijoki, U. 09.03.2010 In : Perspectivas, Revista de Analisis de Economia.  
Perspectivas, Revista de Annalis de Economia Comercio

(2010) Pollution Externalities in a Schumpeterian Growth Model, Ref.: Ms.  
No. JEZN-D-10-00163, Journal of Economics

(2011) Demographic change, growth and agglomeration  
Journal of Economic Growth JOEG942

(2013) Book "Dynamic Optimization in Environmental Economics". Edited  
by Elke Moser, Willi Semmler, Gernot Tragler, Vladimir Veliov.  
Heidelberg: Springer Verlag

**Positions of trust:**

Porin Leipä Ltd, President of the Board

GnS economics, President of the Board 2012-2013, Member 2014

Member of the Leading Group in Department of Economics 1998-2000

Member of the board in Helsinki Center of Economic Research HECER 2004  
– 2006, 2010 -

**Family:**

Husband: Jorma Lehmijoki M. D.

Children: Maiju (1967), Eero (1970), Lauri (1982), Marja (1984), Anni (1988)