

CURRICULUM VITAE FOR MARJA AIRAKSINEN (Jan 11, 2016)

Full name Marja Sisko Anneli Airaksinen

Current position Professor of Social Pharmacy, Faculty of Pharmacy, University of Helsinki, Finland (2004 -)

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Websites **Clinical Pharmacy Group/Research (Head: Marja Airaksinen):**
www.helsinki.fi/pharmacy/pharm/en/Research/Clinical.html

Publications and Other Academic Contributions (TUHAT Database):
<https://tuhat.halvi.helsinki.fi/portal/fi/persons/marja-sisko-anneli-%2881542beb-9d1e-4179-8588-acc8ea862772%29/publications.html>

Profile in Google Scholar:
<http://scholar.google.fi/citations?user=rihGaWgAAAAJ&hl=fi&oi=ao>

International Evaluation of Research and Doctoral Training 2012 (Medication Safety Group):
<https://tuhat.halvi.helsinki.fi/portal/fi/projects/medication-safety-g%2847ab0381-b05b-4b14-9ea6-6a492c7edfcd%29.html>

Education and degrees PhD (Social Pharmacy), 1997, University of Kuopio, Finland
Academic Dissertation: Customer Feedback as a Tool for Improving Pharmacy Services in Finland, 1996 (in English, consisting of 5 original publications and related literature review, 119 p.)
MSc (Pharm), Social Pharmacy, 1985, University of Kuopio, Finland
Master's Thesis: Consumption of Antineoplastic Drugs in Finnish Hospitals in 1972-1982 (in Finnish, grade: excellent)
Matriculation examination, 1978 (Ristiina Senior Secondary School, Finland)

Postdoctoral training:
United States Pharmacopeial Convention, Inc., Division of Information Development, Rockville, Maryland, USA (Scholar-in-Residence 12 months 1996-1997)

Language skills:
English: Fluent (written and oral)
Swedish: Good (written and oral)
German: Basic skills (written and oral)
Finnish: Native

Professional experience Professor of Social Pharmacy, Faculty of Pharmacy, University of Helsinki, Finland (2004 – present)
Head of Clinical Pharmacy Group (2014 -)
Vice Dean, Societal Interaction, Faculty of Pharmacy, University of Helsinki, Finland (2010-2013)
Head of Division of Social Pharmacy (2004-2013)

Responsible professor for specialization training program in hospital and health center pharmacy (2009-present)

Responsible professor for internship training (2004-present)

Project Manager, TIPPA Project, 2000-2003 (4 years), A joint project by the Ministry of Social Affairs and Health, the National Social Insurance Institution, the National Agency for Medicines, the Association of Finnish Pharmacies, the Finnish Pharmacists' Association, the University of Kuopio, the University of Helsinki, the Pharmaceutical Learning Centre, the University of Kuopio, Centre for Training and Development.

Senior Lecturer, 1987-1999 (total 3 years 11 months), Department of Social Pharmacy, University of Kuopio, Finland

Scholar-in-Residence, 1996-1997 (12 months), United States Pharmacopeial Convention, Inc., Division of Information Development, Rockville, Maryland, USA

Researcher, 1988-1995 (total 2 years 4 months)

Assistant, 1984-1996 (total 3 years 8 months)

Lecturer, 1985-1991 (total 4 years)

Department of Social Pharmacy, University of Kuopio, Finland

Pharmacist (BSc and MSc) in several community pharmacies, 1982-2001 (total 13 months), Finland

Experience as a research group leader

Major research areas:

Medication safety as part of patient safety: medication management services and processes and competencies required in these processes.

Leader of a researcher community on medication safety at the University of Helsinki since 2004 (international evaluation in 2012, based on the academic achievements during 2006-2010).

Research funding

Most recent research funding from Social Insurance Institution Kela, Finnish Medicines Agency, Kunnallisan kehittämissäätiö KAKS, University Pharmacy, Fulbright Center, personal grants to PhD students from different foundations.

Funding from Ministry of Culture and Education for establishing national training program in hospital and health center pharmacy (2009-2010, 2015)

Three Fulbright Specialist grants for establishing the disciplines of pharmacoeconomics (2007) and clinical pharmacy (2011, 2015) at the University of Helsinki.

Doctoral training

Supervisor, 14 completed PhD degrees (8 at the University of Helsinki, 5 at the University of Kuopio and 1 at the KU Leuven, Belgium).

Supervisor, 20 PhD students work in progress, 4 of them international PhD students.

Other universities and research institutions

Jury member, doctoral dissertation, University of Groningen, The Netherlands 2015

External reviewer, University of Sydney, Australia 2013

External reviewer, University of Lisbon, Portugal 2013

External reviewer, promotion to a senior position, University of Manchester, UK, 2011

Opponent, doctoral Dissertation, University of Uppsala, Sweden, 2010 (2 times)

Opponent, doctoral dissertation, University of Gothenburg, Sweden, 2008

Jury member, doctoral dissertation, University of Copenhagen, Denmark, 2008

Jury member, doctoral dissertation, Nordic School of Public Health, Sweden 2007

External reviewer, doctoral dissertation, 2006, University of Sydney, Australia.

Jury member, doctoral dissertation, 2006, University of Leuven, Belgium.

Opponent, doctoral dissertation, 2006, Uppsala University, Sweden.

External reviewer, Professorship in Public Health, 2006, Nordic School of Public

Health, Sweden.

External reviewer, 3 promotions to senior positions, 2004, 2005, 2010 University of Sydney, Australia.

External reviewer, doctoral dissertation, 2004, Rhodes University, South Africa.

External reviewer, scientific report, National Insurance Institution, 2005.

Undergraduate research projects (not fully updated)

Supervisor, 60 completed MSc Theses, University of Helsinki, Finland (2004-present).

Supervisor, 6 MSc Theses, work in progress, University of Helsinki, Finland.

Supervisor, 24 completed MSc Theses, University of Kuopio, 1989-2005.

Supervisor, 13 BSc Theses, Department of Social Pharmacy, University of Kuopio, Finland, 1996-1999.

Professional development projects

Supervisor, 12 project works completed, professional development studies for community pharmacists, PD, Centre for Training and Development, University of Kuopio; and Research and Training Centre Palmenia, University of Helsinki, Finland.

Supervisor: Research and development projects under progress, 10 pharmacists taking their specialization training in hospital and health center pharmacy (started since 2010)

Teaching experience

Vast experience in curriculum development, development of teaching materials in social and clinical pharmacy and administration of academic affairs since 1985:

- Social pharmacy curriculum at the University of Helsinki with the emphasis on medication safety, evidence-based professional practice and research methodology (BSc, MSc and PhD programs, since 2004)
- National hospital and health center pharmacy specialization training program with the emphasis on medication safety since 2009 (Director of the Program)
- Medication safety –oriented doctoral training since 2004
- Internship training in community and hospital pharmacies (since 2004)
- Involved in developing CE, in-house training and long-term training programs for pharmacists since 1995
- Involved in developing accreditation training for pharmacists, e.g., for conducting comprehensive medication reviews (since 2005)
- Philosophy of teaching: Constructive, experiential learning
- A lot of experience of administration and coordination of academic and professional training

Editorial board memberships

Editor-in-Chief, DOSIS - Finnish Pharmaceutical Journal (the only peer-reviewed pharmaceutical journal in Finland), (January 2011 – present)

Member, editorial board, DOSIS - Finnish Pharmaceutical Journal, (January 1998 – December 2010)

Member, editorial team of currents in medicines section (Lääkeuutiset), Finnish Medical Journal (2016-)

Member, advisory board, Research in Social and Administrative Pharmacy (April 2007 - 2012)

Member, editorial board, Pharmacy Practice (March 2007- present)

Membership in scientific and professional

International Pharmaceutical Federation (FIP, www.fip.org), 2000 – present

Finnish Patient Safety Society, Founding member (since 2010)

Pharmaceutical Care Network Europe (organization member, since 2012)

societies Global Research Institute of Pharmacy Practice GRIPP (2005-2010, founding member)
The Finnish Pharmacists' Association (1980 – present)
Finnish Pharmaceutical Society (2012 - present)
European Society of Clinical Pharmacy (1987-1993).

Publications **Publications 2004-2015 available at:**
<https://tuhat.halvi.helsinki.fi/portal/fi/persons/marja-sisko-anneli-%2881542beb-9d1e-4179-8588-acc8ea862772%29/publications.html>

Other academic and professional activities Peer reviewer
British Medical Journal
BMC Public Health
Research in Social and Administrative Pharmacy
International Journal of Technology Assessment in Health Care
International Journal of Clinical Pharmacy (Pharmacy World and Science)
Journal of Social and Administrative Pharmacy (1998-1999).
Suomen Lääkärilehti (Finnish Medical Journal)
Dosis (Finnish Pharmaceutical Journal).

Research Council of Norway (evaluation panel for grant applications)

University of Helsinki, Finland

1) Activities at the university level
HY375 Project (Chancellor's Office, steering group member 2013-2015)
Vice Chair, Steering Group for International Evaluation of Research and Doctoral Training at the University of Helsinki (2010-2012)
Member, Council of Societal Interaction (2014-present)
Member, Board of the University Pharmacy, 2007- present (vice president since 2012).
Vice member, Board of Palmenia Centre for Continuing Education (2010-2013)
Member, Working Group on Academic Leadership, 2009.
Member, Project Group on Academic Affairs, University Reform, 2008-2009.
Chair, Section for Development of Doctoral Studies, 2007- 2009.
Member, Council of Academic Affairs, 2007-2009.
Member, Council of Science, 2004-2006.
Member of the Committee of Academic Publishing, 2004-2006.

2) Activities at the faculty level
Vice Dean, Societal Interaction (2010-2013)
Chair, Council on Societal Interaction (2010-2013)
Member, Faculty Senate (2004-2009, vice member 2010-2013)
Member, Council on Academic Affairs, Faculty of Pharmacy (2004-2009, vice member 2010-2013)
Chair, Steering Group on Internship Training, Faculty of Pharmacy (2004-present)
Chair, Steering Group on Hospital Pharmacy Specialization Training (2009-present)
Board member, Graduate School in Pharmaceutical Research (2008-2009)
Board member, Drug Discovery and Technology Center (DDTC), Faculty of Pharmacy, 2005.

European Union
Member, Working Group on Information to Patients, Pharmaceutical Forum, European Commission, 2007 - 2008

Council of Europe

Chair, Expert Group on Safe Medication Practices under Expert Committee on Pharmaceutical Questions, 2004-2006. The report "Creation of a better medication safety culture in Europe: Building up safe medication practices" available at: <http://www.gs1-health.net/downloads/medication.safety.report.2007.pdf>

International Pharmaceutical Federation (FIP)

Representative of FIP at the WHO Working Group on Patient Safety Curriculum Guide, a multidisciplinary version (2010 - 2011)

Member, Working Group on Collaborative Practice, Board of Pharmaceutical Practice (BPP), 2007-2008

Member, Executive Committee, Pharmacy Information Section, 2000–2008;

Chairperson, Working group for Guidelines for Good Patient Counseling Practice, a joint project with Pharmacy Information Section, International Pharmaceutical Federation (FIP) and International Pharmacy Student Federation (IPSF), 2002-2008.

Member, Working group on Children and Medicines (statement of principle accepted by the Board of FIP in 2001), Pharmacy Information Section, International Pharmaceutical Federation (FIP), 1999-2001.

Organising committees of scientific meetings (not fully updated)

Member, Organizing Committee, 19th Helsinki Drug Research Congress, June 9-11, 2008, Helsinki, Finland (2007-2008)

Member, Organizing Committee, 3rd Nordic Social Pharmacy and Health Services Research Conference, Copenhagen, Denmark (2006-2007)

Chair, Organizing Committee, Symposium on Medication Safety, XVIII Helsinki University Congress of Drug Research, University of Helsinki, Finland (2005-2006)

Chair, Organizing Committee, 2nd Nordic Social Pharmacy and Health Services Research Conference, Lahti, Finland (2004-2005)

Member, Organizing Committee, 1st Nordic Social Pharmacy and Health Services Research Conference, Uppsala, Sweden (2003-2004)

Member, Scientific Committee, 13th International Social Pharmacy Workshop, June 2004, Malta (2002-2004)

Member, Organizing Committee, Symposium on Drug Utilization Review (DUR), XVII Helsinki University Congress of Drug Research, University of Helsinki, Finland (2002-2003)

Finnish Pharmacists' Association

Member, Council (liittovaltuusto) 1994-1997, 2002 – 2009.

Member, Professional Board (farmaseuttinen valiokunta), 1998-2005.

Vice member, Executive Board (hallitus), 1998-2001 (4 years).

Other professional activities

Vice Chair, working group on research, Rational Pharmacotherapy Program, Ministry of Social Affairs and Health (2015 - present)

Vice Chair, working group in Medicines Information Research, National Medicines Information Network, Finnish Medicines Agency (2012-present)

Member, working group on patient safety research, National Patient Safety Program, National Institute of Health and Welfare (2010- 2014)

Member, Working Group on Medicines Policy 2020, Ministry of Social Affairs and Health (2010-11, currently the follow-up group).

Advisor, Steering Group on Patient Safety, Ministry of Social Affairs and Health, 2007- 2009.

Member, working group on quality of geriatric pharmacotherapy, Ministry of Social Affairs and Health, 2006- 2009.

Board member, Association of Patient Safety, (2010-2013, currently vice member)

Board member, Pharmaceutical Learning Centre, 2005- 2008.
Member, National Advisory Board, Professional Development studies in pharmacy practice, University of Helsinki and University of Kuopio, Finland, 2004-present.
Member, TIPPA Coordination Group (currently AATE Coordination Group), 2004-present.
Member, working group on safe medication practices, National Centre for Pharmacotherapy Development ROHTO, 2004-2009.
Board member, Kuopio University Pharmacy, 1999-2000.

Awards

Albert Wuokko Award, Finnish Pharmaceutical Society, 2013
Pharmacist of the Year Award, Finnish Pharmacists' Association, 2013
Award on the contribution to professional affairs. The Finnish Pharmacists' Association, 2004.

Hosted visits (min 5 days) selected visits

Fulbright Specialist Program

Dr. Kenneth Shermock, Director of the Center for Medication Quality and Outcomes at The Johns Hopkins Hospital (7 weeks, 2015)

Prof. Alan Lyles, University of Baltimore/The Johns Hopkins University, USA (1-3 months annual visits since 2006, visits 2007 and 2011 were funded by Fulbright Specialist Program)

University of Florida

School of Pharmacy: PharmScan, International Learning Experience Program, (Annual student visits since 2012, altogether about 40 students with Dr. Sven Normann/Dr. Randell Doty).

FIP Pharmabridge Program

Bisi Bright, CEO, LiveWell Initiative LWI Academy, Nigeria
Oluwaseun Soyemade, LiveWell Initiative LWI Academy, Nigeria
Paul Marwin Quizon, The Philippines

Erasmus Program (Teachers)

Dr. Halil Tekiner, Turkey

Other visits (research cooperation)

Prof. Pauline Norris, New Zealand (2011)

Dr. Timothy Chen, University of Sydney, Australia (several visits since 2004)

Dr. Afonso Cavaco, University of Lisbon, Portugal (Univ. Oslo, Norway) (several visits since 2012)

Dr. Daisy Volmer, University of Tartu, Estonia

MPH student Emily Lyles, Bloomberg Public Health School, The Johns Hopkins University, USA (2 visits in 2013 and 2014)

Dr. Matthew Grissinger, Institute for Safe Medication Practices, USA (2013)

Biographical sketch

Dr. Marja Airaksinen is professor of social pharmacy in the Faculty of Pharmacy at the University of Helsinki, Finland. She has been involved in several patient information development programs nationally and internationally, e.g., in the WHO/EuroPharm Forum and the Drug Information Division at the United States Pharmacopeia (USP). During 2000-2008, she was an Executive Committee Member of the Pharmacy Information Section in the International Pharmaceutical Federation (FIP). During 2004-2006, she chaired the Council of Europe Expert Group on Safe Medication Practices under the Committee of Expert on Pharmaceutical Questions. In 2007-2008, she was representative of Finland in the European Union

Pharmaceutical Forum's Information to Patients Working Group. She represented FIP in the WHO Working Group which developed WHO Patient Safety Curriculum Guide launched in November 2011. Since 2006, she has been involved in different national working groups on patient and medication safety under Ministry of Social Affairs and Health and National Institute for Welfare and Health. During 2010-2011, she was a member of a stakeholder group at the Ministry of Social Affairs and Health responsible for processing Medicines Policy 2020. Since 2012, she has served Finnish Medicines Agency's Medicines Information Network responsible for the implementation of the National Medicines Information Strategy launched in 2012.

In the University of Helsinki, Dr. Airaksinen has served different committees and working groups, e.g., chaired a working group on doctoral training development in 2007-2009. Most recently, she was a Vice Chair of the Steering Group of the international evaluation of research and doctoral training (2010-2012). Her scientific work has mainly focused on medication management services and processes and competencies required in these processes. She has led a researcher community on medication safety at the University of Helsinki since 2004 (evaluation in 2012 based on the academic achievements during 2006-2010).