

Department of Clinical Neuroscience
Division of Insurance Medicine

Curriculum Vitae – Annina Ropponen born 1971

EDUCATION

Koulutuskeskus Salpaus, Vocational Qualification in Business and corporate management,	2020
University of Helsinki, Faculty of Medicine, Docent (Public Health)	2013
University of Jyväskylä, PhD (health sciences/exercise medicine)	2006
University of Kuopio, Basic studies of Ergonomics	2006
University of Jyväskylä, MSc Qualified teacher of health care Main subject: physiotherapy Minor subjects: sports medicine, education and exercise physiology	1998
Health care institute of Lappeenranta, Physiotherapist	1992

PROFESSIONAL EXPERIENCE

Main areas of specialization

- Teaching: internet-teaching, student counselling, methodology
- Research: Genetic epidemiology, epidemiology, musculoskeletal disorders, sickness absence, disability pension, working hours, flexibility

WORK EXPERIENCE

Employer: Karolinska Institutet, CNS, Division of Insurance Medicine

- Senior forskare (25%), 1.12.2020-

Employer: Finnish Institute of Occupational Health, Helsinki

- Research professor, 1.6.2021-> (100%), Senior researcher, 1.10.2016-31.11.2018 (100%), 1.12.2018-31.5.2021 (80%)

Main duties: head of research projects of working hours, sickness absence and disability pensions

Employer: Karolinska Institutet, CNS, Division of Insurance Medicine

- Forskningsamordnare (25%), 1.12.2018-30.11.2020

Employer: Turku School of Economics, University of Turku, Department of Management and Entrepreneurship

- Senior researcher (50% of time), 1.11.2016-28.2.2017

Main duties: project researcher at SWiPE – Smart Work in Platform Economy research project funded by Academy of Finland and Strategic research council

Employer: Finnish Institute of Occupational Health, Helsinki

- Specialized research scientist, 7.1.2013- 30.9.2016

Main duties: research of epidemiology, flexibility of working hours and prolonging working careers

Employer: University of Eastern Finland, School of Medicine

- Post doctoral research fellow, 1.1.2008-31.12.2012

Main duties: research of social insurance, ergonomics and (genetic) epidemiology

Employer: Karolinska Institutet, Department of Clinical Neuroscience, Section of Personal Injury Prevention

- Guest researcher, post doc 1.10.2006-30.9.2007 and 1.-30.6.2010

Main duties: research of social medicine, social insurance and (genetic) epidemiology

Employer: University of Eastern Finland (former University of Kuopio), Institute of Biomedicine, Ergonomics

- Associate professor of ergonomics 1.1.2003-31.12.2006 and 1.1.2007-31.12.2011 (on leave of absence for working as guest researcher abroad 1.10.2006-30.9.2007 and for working as post doctoral fellow 1.1.2008-)

Main duties: teaching of ergonomics, student counselling, research of ergonomics

Employer: University of Kuopio, Open University, Centre for training and development

- Part-time teacher of ergonomics from 1.2.2000-4.9.2011

Main duties: teaching basic and subject studies of ergonomics

Employer: University of Jyväskylä, Department of Health Sciences, Twin Spine Study

- Researcher, from 1.2.1999 to 30.8.2003.

Main duties: research for PhD

Employer: University of Jyväskylä, Department of Health Sciences, Twin Spine Study

- Research coordinator from 1.2.1997 to 31.1.1999.

Main duties: Coordinating measurements and data collection of the Twin Spine Study, data entry, collaborating with partners

Employer: University of Jyväskylä, Department of Health Sciences, Exercise and estrogen of postmenopausal women

- Research assistant from 10.9.1996 to 30.10.1997.

Employer: Rehabilitation center Herttua, Kerimäki

- Physiotherapist 1.2.-15.6.1993 and 1.1.-31.8.1994.

Employer: Rehabilitation institution Mäkelä, Parikkala

- Physiotherapist from 1.9.1993 to 31.12. 1993.

ACKNOWLEDGED PROFESSIONAL SKILLS

Certified European Ergonomist by Centre for registration of European Ergonomists (1.6.2007-31.12.2012, www.eurerg.org)

THESES

Ropponen Annina, Academic dissertation: The role of heredity, other constitutional structural and behavioral factors in back function tests. Studies in sport, physical education and health 111. University of Jyväskylä, 2006.

Ropponen Annina, Thesis of advanced studies of sports medicine: Repeatability of life-time exercise reporting, University of Jyväskylä, Department of Health Sciences, 2001.

Oinonen Annina, Master's thesis: Effects of 26 weeks plyometric and dynamic strength training and estrogen replacement therapy on isometric muscle strength of postmenopausal women, University of Jyväskylä, Department of Health Sciences, 1998.

RELEVANT SOCIAL ACTIVITIES AND POSITIONS OF TRUST

Reviewer (on request)	Twin Research and Human Genetics, 2013-
Reviewer (on request)	Scandinavian Journal of Work, Environment & Health, 2013-
Reviewer (on request)	Social Science & Medicine, 2013-
Reviewer (on request)	Journal of Epidemiology and Community Health, 2012-
Reviewer (on request)	BMC Public Health, from 2012-
Reviewer (on request)	several journals, 2006-

- Deputy member University of Kuopio, Center for Training and Development,
Board, 2006-
- Chair of the session Nordic Ergonomics Society (NES) 38th Annual Conference.
Hämeenlinna, Finland 24-27 September, 2006.
- Member Advisory Board for Rehabilitation Education, Kuopio
Polytechnic, 2004-2006
- Member, secretary Advisory Board for Education in Health Sciences, University of
Kuopio, Faculty of Medicine, 2003-2006
- Deputy member Board for University of Kuopio Centre for Training and
Development, 2006-2008
- Associate editor Scandinavian Journal of Work, Environment & Health, 2018-
- Chair of the session Nordic Ergonomics Society (NES) 38th Annual Conference.
Hämeenlinna, Finland 24-27 September, 2006.
- 22nd International Symposium on Shiftwork and Working Time.
Elsinore, Denmark 8-12 June, 2015.
- WORK2017 – Work and Labour in the Digital Future. Turku,
Finland 16-18 August, 2017.
- European Public Health Conference. Sustaining resilient and
healthy communities, Stockholm, Sweden, 1-4
November 2017.
- EUMASS Congress, Maastricht, Netherlands, 4.-6.10.2018
- WORK2019 – Real work in the virtual world. Helsinki, Finland,
14.-16.8.2019
- 12th European Public Health Conference. Building bridges for
solidarity and public health. Marseille Chanot, Marseille, France,
20 - 23 November, 2019.
- 15th European Public Health Conference. Strengthening health
systems: improving population health and being prepared for the
unexpected. Berlin, Germany, 9-12 November 2022

THESIS SUPERVISING

Supervised over 20 Master's thesis and several Bachelor's thesis. See
<http://www.uef.fi/kttravi/gradut> (in Finnish)

Completed PhD-thesis under my supervision:

- Åsa Samuelsson: Risk factors for disability pension: studies of Swedish twin cohort. Karolinska Institutet. 2013.
- Susanna Järvelin-Pasanen: Työajat ja sykevälivaihtelu opetus- ja hoitotyötä tekeillä naisilla. University of Eastern Finland. 2014.
- Sanna Kärkkäinen: Risk factors for disability pension due to musculoskeletal disorders. University of Eastern Finland and University of Helsinki. 2019.

SCIENTIFIC PEER-REVIEWED PUBLICATIONS: 122

Abstracts, reports and book chapters

Ropponen A, Ervasti J, Härmä M. Trajectories of part-time work and sickness absence among shift working healthcare employees, *European Journal of Public Health*, Volume 32, Issue Supplement_3, October 2022, ckac130.092.

Alaie I, Svedberg P, **Ropponen A**, Narusyte J. Trajectories of sickness absence among young people with prior depression/anxiety symptoms, *European Journal of Public Health*, Volume 32, Issue Supplement_3, October 2022, ckac131.473

Wang M, Raza A, Narusyte J, Silventoinen K, Böckerman P, Svedberg P, **Ropponen A**. Life events as predictors of unsustainable working life trajectories from a life course perspective, *European Journal of Public Health*, Volume 32, Issue Supplement_3, October 2022, ckac129.093.

Svedberg P, Narusyte J, **Ropponen A**. Individual differences in sustainable working life: genetic and environmental contributions, *European Journal of Public Health*, Volume 32, Issue Supplement_3, October 2022, ckac129.440.

Ropponen A, Mather L, Wang M, Narusyte J, Kärkkäinen S, Blom V, Bergström G, Svedberg P. Do diagnosis group play a role in associations between sickness absence and inpatient- and specialized outpatient care. EUMASS congress, 16.-17.9.2021 Online.

Ropponen A, Hakola T, Hirvonen M, Koskinen A, Härmä M. Työaikojen kehittäminen kaupan alalla: tutkimus- ja kehittämishanke. Työterveyslaitos, Helsinki. 2021. Available: <https://www.julkari.fi/handle/10024/142823>

Ropponen A, Albrecht S, Anttila T, Leineweber C, Tucker P. Chapter 5. Flexible working hours and work-time control. In Härmä M, Karhula K (eds.). Working hours, health, well-being and participation in working life: Current knowledge and recommendations for health and safety. Finnish Institute of Occupational Health, Helsinki, 2020. Available: <https://www.julkari.fi/handle/10024/140634>

Blomqvist K, Sivunen A, van Zoonen W, Vartiainen M, Henttonen K, Olsson T, **Ropponen A**. National Remote Work Survey. Pitkittäistutkimus suomalaisten siirtymisestä etätyöhön Covid19 kriisissä. https://cocodigiresearch.files.wordpress.com/2020/05/remote-work-survey-covid-19_fi-1.pdf

Ropponen A, Hakanen JJ, Hasu M, Seppänen L. Workers' health, wellbeing, and safety in the digitalizing platform economy. In Poutanen S, Kovalainen A, Rouvinen P (eds.). Digital

Work and the Platform Economy Understanding Tasks, Skills and Capabilities in the New Era, 1st Edition. Routledge. 2020.

Narusyte J, Amin R, **Ropponen A**, Svedberg P. Mental health in childhood and adolescence in association to sickness absence and disability pension. *Eur J Public Health*. 2019; 29 (Suppl 4): ckz185.698.

Ropponen A, Koskinen A, Puttonen S, Härmä M. Age-group differences in associations of working hour characteristics and short sickness absences. *Eur J Public Health*. 2019; 29 (Suppl 4): ckz187.115.

Svedberg P, Helgadóttir B, Mather L, Narusyte J, **Ropponen A**. Do poor health behaviors have an impact on the transition from sick leave to disability pension? *Eur J Public Health*. 2019; 29, (Suppl 4): ckz185.165.

Ropponen A, Svedberg P. Risk factors of disability pensions – what will twin studies from Finland and Sweden add? *Eur J Public Health*. 2019; 29 (Suppl 4): ckz185.697.

Mather L, Narusyte J, **Ropponen A**, Bergström G, Blom V, Svedberg P. Adverse outcomes of sick leave due to mental disorders: prospective studies of discordant twin pairs. *Eur J Public Health*. 2019; 29 (Suppl 4): ckz185.700.

Härmä M, Karhula K, **Ropponen A**, Koskinen A, Turunen J, Ojajärvi A, Vanttola P, Puttonen S, Hakola T, Oksanen T, Kivimäki M. Työaikojen muutosten ja kehittämiskäytäntöjen vaikutukset työhyvinvointiin, työturvallisuuteen ja työhön osallistumiseen. Työterveyslaitos, Helsinki. 2019.

Virtanen M, Ervasti J, **Ropponen A**. Working conditions. Measuring sustainable work over the life course – feasibility study. WPEF18063, working paper. Eurofound. 2018. <https://www.eurofound.europa.eu/sites/default/files/wpef18063.pdf>

Ropponen A, Bergbom B, Härmä M, Sallinen M. Asiantuntijatyön työajat – yhteydet työhön ja hyvinvointiin. Työterveyslaitos, Helsinki. 2018. <http://urn.fi/URN:ISBN:978-952-261-790-3>

Ropponen A, Hakola T, Puttonen S. Työaikojen kehittäminen matkailu-, ravintola- ja vapaa-ajan palveluissa – tutkimus- ja kehittämishankkeen loppuraportti. Työterveyslaitos, Helsinki. 2017. <http://urn.fi/URN:ISBN:978-952-261-745-3>

Kärkkäinen S, Silventoinen K, Svedberg P, **Ropponen A**. Stressful life events and disability pension due to musculoskeletal diagnoses: a Finnish twin study. *Eur J Public Health* 2017; 27: (suppl_3): ckx187.371.

Ropponen A, Härmä M, Sallinen M. Well-being and time use in expert work. *Eur J Public Health* 2017; 27: (suppl_3): ckx186.338.

Ropponen A, Narusyte J, Mather L, Mittendorfer-Rutz E, Åkerstedt T, Svedberg P. Night work as a risk factor for future disability pension due to mental diagnoses. *Eur J Public Health* 2017; 27: (suppl_3): ckx187.171.

Piirtola M, Kaprio J, Svedberg P, Silventoinen K, **Ropponen A**. Kehon painoindeksi ja sen muutoksen yhteys istumiseen käytettyyn aikaan 35 vuoden seurannassa suomalaisilla aikuisilla kaksosilla. Liikuntatieteen päivät 30.8.-1.9.2017, Jyväskylä, Suomi. *Liikunta & Tiede* 2017;54(4):101.

Kärkkäinen S, Svedberg P, Narusyte J, Mather L, Åkerstedt T, Silventoinen K, Mittendorfer-Rutz E, **Ropponen A**. Night work and disability pensions due to musculoskeletal diagnoses. *Eur J Public Health* 2016; 26 (suppl 1): ckw165.072

Narusyte J, **Ropponen A**, Svedberg P. Trajectories of adolescent anxiety and depressive symptoms prior to work incapacity in adulthood *Eur J Public Health* 2016; 26 (suppl 1): ckw167.087.

Svedberg P, **Ropponen A**, Narusyte J. Depression in late adolescence and the risk of future work disability. *Eur J Public Health* 2016; 26 (suppl 1): ckw164.087.

Ropponen A, Narusyte J, Mather L, Åkerstedt T, Mittendorfer-Rutz E, Svedberg P. Night work as a risk factor for disability pension due to cardiovascular diagnoses: a prospective twin cohort study accounting for genetics and shared family environmental factors. *Eur J Public Health* 2016; 26 (Suppl. 1): ckw166.082.

Ropponen A, Koskinen A, Puttonen S, Härmä M. Objectively assessed exposure to shift work characteristics in relation to sickness absence: a registry study of nurses with follow-up from 2008 to 2013. 25th EPICOH Conference: Epidemiology in Occupation Health Conference - "Occupational Health, Think Globally, Act Locally". Barcelona, Spain. 4-7 September, 2016

Piirtola M, Kaprio J, Silventoinen K, Svedberg P, Korhonen T, **Ropponen A**. Association between smoking status and leisure-time physical inactivity - a study among Finnish twins over a 35-year follow-up 8th Nordic Health Promotion Research Conference (NHPRC), Jyväskylä, Finland, 20-22 June, 2016.

Tuomivaara S, **Ropponen A**, Kandolin I. Jousto-opas: sujuvuutta työhön yksilöllisillä ja yhteisöllisillä ratkaisulla. Työterveyslaitos, Helsinki. 2016.

https://issuu.com/tyoterveyslaitos/docs/ttl_tyo_ja_muu_elama_valmis

Toppinen-Tanner S. (toim). Työ@Elämä-opas. Työterveyslaitos, Helsinki. 2016.

https://issuu.com/tyoterveyslaitos/docs/ttl_tyo_ja_muu_elama_valmis

Ropponen A, Känvälä M, Rantanen J, Toppinen-Tanner S. Työpaikkatason toimenpiteet työn ja muun elämän yhteensovittamisen tukemiseksi työuran eri vaiheissa: systemaattinen katsaus interventiotutkimuksista. *Työpoliittinen aikakauskirja*. 2016; 59: 5-15.

Piirtola M, Kaprio J, Silventoinen K, Heikkilä K, Koskenvuo M, Svedberg P, Kujala UM, **Ropponen A**. Association between education and leisure-time physical inactivity in Finnish twins over 35 years. Abstract for the 8th European Public Health (EPH) Conference, Milan, Italy, 14-17 October, 2015.

Piirtola M, Kaprio J, Waller K, Heikkilä K, Koskenvuo M, Svedberg P, Silventoinen K, Kujala UM, **Ropponen A**. The association of physical inactivity and body mass index in the Finnish twin pairs discordant for their leisure-time physical activity during a 35-year follow-up. Behavior Genetics Association (BGA) Annual Meeting, San Diego, USA 16.-20.6.2015.

Ahola K, Aminoff M, Hannonen H, Hopsu L, Härmä M, Kandolin I, Leppänen A, Pehkonen I, **Ropponen A**, Sallinen M. Työkuormituksen arviointimenetelmä TIKKA. Työterveyslaitos. 2015.

Larsen AD, Albrecht S, Hansen J, Hansen ÅM, Harris A, Hjarsbech PU, Härmä M, Järnefelt H, Karhula K, Kecklund G, Kolstad HA, Leineweber C, Lie JAS, Lowden A, Matre D, Moller SV, Puttonen S, Pylkkönen M, **Ropponen A**, Sallinen M, Sihvola M, Specht IO, Tucker P, Vanttola P, Vedaa O, Vistisen HT, Waage S, Garde AH. Working hours and health – 2014. Coordination of research on working hours and health in the Nordic countries – Future perspectives 2014. TemaNord 2015:543. Nordic Council of Ministers. 2015.

Karhula K, Härmä M, **Ropponen A**, Hakola T, Pylkkönen M, Sallinen M, Puttonen S. Sleep and satisfaction in different fast forward rotating shift systems: industrial employees prefer 12-hour shift. The 22nd International Symposium on Shiftwork and Working Time. Elsinore, Denmark June 8-12, 2015.

Puttonen S, Karhula K, Pylkkönen M, **Ropponen A**, Hakola T, Sallinen M, Härmä M. 12-h shifts and age – effects on sleep, wakefulness and recovery from work. The 22nd International Symposium on Shiftwork and Working Time. Elsinore, Denmark June 8-12, 2015.

Ropponen A, Vanttola P, Koskinen A, Hakola T, Puttonen S, Härmä M. Effects of a change in collective agreement –based rules of working hours for shift ergonomics among nurses – a controlled intervention study. The 22nd International Symposium on Shiftwork and Working Time. Elsinore, Denmark June 8-12, 2015.

Narusyte J, **Ropponen A**, Alexanderson K, Svedberg P. Externalizing behavior problems in adolescence and sickness absence in adulthood. 15th International Congress on Twin Studies and the 3rd World Congress on Twin Pregnancy. Budapest, Hungary, November 16-19, 2014.

Svedberg P, **Ropponen A**. Effects of health behaviors on disability pension due to musculoskeletal diagnoses: a Swedish twin study. EUMASS, September 11-13, 2014, Stockholm, Sweden. P258-9. Available at: http://www.eumassstockholm.com/app/Data/ProjectImages/3477/Abstract_Bok_v03.pdf

Härmä M, Vanttola P, **Ropponen A**, Koskinen A, Hakola T, Kalakoski V, Puttonen S, Sallinen M, Nätti J, Salo P, Pentti J, Oksanen T, Vahtera J, Kivimäki M. Työaikojen kehittäminen kunta-alalla. Tietoa Työstä. Työterveyslaitos, Helsinki. 2014. Available at: http://www.tsr.fi/c/document_library/get_file?folderId=13109&name=DLFE-10657.pdf

Alexanderson K, Björkenstam E, Kjeldgård L, Narusyte J, **Ropponen A**, Svedberg P. Barnafödande, sjuklighet och sjukfrånvaro: en studie av tvillingsystrar. Sektionen för försäkringsmedicin, Institutionen för klinisk neurovetenskap, Karolinska Institutet, Stockholm. 2013. Available at: <http://ki.se/content/1/c6/17/02/63/barnaf.pdf>

Ropponen A, Svedberg P, Huunan-Seppälä A, Koskenvuo K, Koskenvuo M, Alexanderson K, Silventoinen K, Kaprio J. Personality traits and life dissatisfaction as risk factors for disability pension due to low back diagnoses: a 30-year longitudinal cohort study of Finnish twins. *Twin Res.* 2012; 15: 233.

Samuelsson Å, **Ropponen A**, Alexanderson K, Svedberg P. Psychosocial working conditions and risk of disability pension due to mental diagnoses: a prospective twin cohort study. *Twin Res.* 2012; 15: 235.

Svedberg P, Narusyte J, Alexanderson K, **Ropponen A**. A prospective cohort study of stability and change in health behaviours as risk factors for disability pension due to musculoskeletal diagnosis among Swedish twins. *Twin Res.* 2012; 15: 242.

Samuelsson Å, Alexanderson K, **Ropponen A**, Svedberg P. Incidence of disability pension and associations with sociodemographic factors in Swedish twin cohort. *Eur J Public Health.* 2011; 21: Suppl 1: 47.

Ropponen A. Co-twin control studies for investigation of risk factors for disability pension. *Eur J Public Health.* 2011; 21: Suppl 1: 173.

Ropponen A, Svedberg P, Alexanderson K, Huunan-Seppälä A, Koskenvuo K, Koskenvuo M, Silventoinen K, Kaprio J. Effects of work-related factors on risk of disability pension due to low back diagnoses: a 30-year longitudinal study of Finnish twins. *Eur J Public Health.* 2011; 21: Suppl 1: 189.

Svedberg P, Narusyte J, **Ropponen A**, Alexanderson K. Genetic and environmental influences on sickness absence: findings from a Swedish twin cohort. *Eur J Public Health.* 2011; 21: Suppl 1: 197.

Svedberg P, Narusyte J, Samuelsson Å, **Ropponen A**, Lichtenstein P, Alexanderson A. Delrapport 8 i projekt om kvinnors och mäns sjukfrånvaro Betydelsen av arv och miljö för sjukskrivning och sjukersättning bland kvinnor och män i en kohort av svenska tvillingar. Sektionen för försäkringsmedicin. Institutionen för klinisk neurovetenskap. Karolinska Institutet. 2011.

Narusyte J, **Ropponen A**, Silventoinen K, Alexanderson K, Kaprio J, Svedberg P. Liability to disability pension due to psychiatric diagnoses: a discrete time survival analysis of Swedish twins. Symposium of the Nordic Association of Psychiatric Epidemiology (NAPE). 13th International congress of the IFPE, Kaohsiung Taiwan 2011.

Svedberg P, Alexanderson K, **Ropponen A**, Silventoinen K, Narusyte J. Genetic and environmental liability to disability pension due to psychiatric diagnoses: a prospective study of Swedish twins. Symposium, The 5th Nordic Meeting in Epidemiology and Register-based Health Research (NordicEpi), Reykjavik, Iceland 15-16 June, 2011.

Pietikäinen S, Silventoinen K, Svedberg P, Alexanderson K, Huunan-Seppälä A, Koskenvuo K, Koskenvuo M, Kaprio J, **Ropponen A**. Health related and sociodemographic risk factors for disability pension due to low back disorders: a 30 year prospective Finnish twin cohort study. *Eur J Public Health.* 2010; 20: Suppl 1: 282.

Samuelsson Å, Svedberg P, **Ropponen A**, Alexanderson K. Occurrence and characteristics of disability pensioners - a prospective cohort study of 56 000 twins followed for 14 years. *Eur J Public Health.* 2009; 19: Suppl 1: 103.

Svedberg P, **Ropponen A**, Alexanderson K. Validity of self-reported data on long-term sickness absence and disability pension in a Swedish twin cohort. *Eur J Public Health.* 2009; 19: Suppl 1: 179.

Ropponen A, Smolander J, Louhevaara V. Systematic review for assessing job demands and physical work capacity in safety jobs. In: (Kumashiro M. ed) Promotion of work ability towards productive aging. Taylor & Francis Group, London 2009, ss. 19-23.

Järvelin S, Tiainen S, **Ropponen A**, Louhevaara V. What individual-level factors at work and leisure-time predict sleep-time recovery of autonomic nervous system. 40th Annual Conference of the Nordic Ergonomics Society. 2008. Reykjavik, Iceland.

Ropponen A, Smolander J, Louhevaara V. Systematic review for assessing job demands and physical work capacity in safety jobs. Proceedings of the 3rd International Symposium on Work Ability. 2007. Hanoi, Vietnam.

Ropponen A. Hops ja portfolio ergonomian opinnoissa – tukea jatkuvaan arviointiin. Teoksessa: Ansela M, Haapaniemi T, Jäntti J. (toim.) Laatu- ja työkykyä ylläpitäviä opintokokonaisuuksia. Opetuskeskus. Kuopion yliopisto. 2006.

Ropponen A, Tiainen S, Louhevaara V. Evaluation of the university action program for improving ergonomics of VDU work stations: ERGGI project. Nordic Ergonomics Society (NES) 38th Annual Conference. 2006. Hämeenlinna, Finland.

Ropponen A, Louhevaara V. Learning experiences and satisfaction with the internet study program "Basics of ergonomics and workplace health promotion Ergonetti". Nordic Ergonomics Society (NES) 38th Annual Conference. 2006. Hämeenlinna, Finland.

Ropponen A, Louhevaara V. Consequences of the Bologna process The new curriculum of MSc ergonomics in Finland. Nordic Ergonomics Society (NES) 38th Annual Conference. 2006. Hämeenlinna, Finland.

Louhevaara V, Smolander J, **Ropponen A**. Worker selection for physically demanding safety jobs. Book chapter. Marras WS, Karwowski W. (edit) 2006. 2nd edition. The Occupational Ergonomics Handbook. Interventions, controls and applications in occupational ergonomics. Taylor & Francis.

Louhevaara V, **Ropponen A**. Ageing requires changes in physical workload. 37th Annual Conference of the Nordic Ergonomics Society. 2005. Oslo, Norway.

Louhevaara V, **Ropponen A**, Smolander J. Worker screening for physically demanding safety jobs. 18th Asian Conference on Occupational and Environmental Health. Wellington, New Zealand.

Louhevaara V, **Ropponen A**. Physical capacity and job demands of older workers. 18th Asian Conference on Occupational and Environmental Health. 2005. Wellington, New Zealand 11.-13.5.2005.

Louhevaara V, Saaranen T, Ritvanen U, Toivanen H, Pääkkönen A, **Ropponen A**. Ergonetti – university-level studies of basic ergonomics through the internet. Ergonomics in the digital age. 2003. Seoul, Korea.

Ropponen A, Levälahti E, Videman T, Battié MC. Correlation of back function tests and the cross-sectional area of paraspinal muscles at L2-L5 levels. The International XVII Puijo Symposium. 2003. Kuopio, Finland.

Ropponen A, Levälahti E, Kaprio J, Videman T, Battié MC. Perimän, liikunnan harrastamisen ja muiden ympäristötekijöiden vaikutus isokineettiseen ja psykofyysiseen nostovoimaan ja selän staattiseen kestävyYTEEN. XI Liikuntalääketieteen päivät. 2002. Helsinki, Suomi.

Ropponen A, Levälahti E, Videman T, Battié MC. The role of heredity and environment on three back muscle function tests. International Sports Medicine Conference. 2001. Dublin, Ireland.

Ropponen A, Levälahti E, Simonen R, Videman T, Battié MC. Elämänaikaisen liikunnan harrastamisen raportoinnin luotettavuus. IX Liikuntalääketieteen päivät. 2000. Helsinki, Suomi.

Oinonen A, Levälahti E, Simonen R, Videman T, Battié MC: Repeatability of life-time exercise data. 4th Annual Congress of the European College of Sport Science. 1999. Rome, Italy.

Oinonen A, Sipilä S, Taaffe D, Suominen H: Effects of 26 weeks of plyometric strength training and estrogen replacement therapy on knee extension force in postmenopausal women. International conference on weightlifting and strength training. 1998. Lahti, Finland

RELEVANT PERSONAL EDUCATION

- Social epidemiology of work and health, 2 credits, 2012
- Statistical analysis of time to event data, 1 credit, 2012
- Expertise in internet teaching, 15 credits, 2007
- Teacher as a developer of the quality in the internet courses, 2 credits, 2006
- Practice course for twin research methodology, 1 credit, 2006
- Quality viewpoints to personal study plan of university student, 4 credits, 2006
- Personal study plan of university student and counselling, 2 credits, 2005
- Effective e-Moderating internet course, 2,5 credits, 2003
- First International NIVA Course on Occupational ergonomics: Work-related Musculoskeletal Disorders of the Upper Limbs and Back, 1 credit, 1999

TEACHING AND LECTURES

University of Eastern Finland

- Introduction to quantitative methods of health sciences internet course, 5 credits, course director and internet tutor, 2004-2012
- Introduction to subject studies of ergonomics, 1 credit, course director and lecturer, 2004-2007
- Seminar of subject studies in ergonomics, 5 credits, lecturer, 2003-2007

- Work physiology, 3 credits, course director and lecturer, 2005-2007
- Labor protection justice, 1 credit, examiner, 2003-2006
- Shift work and sleep, 1 credit, examiner, 2004-2006
- Development to expertise in ergonomics, 5 credits, course director, 2005-2007
- Journal club of ergonomics internet course, 5 credits, course director, 2005-2007
- Thesis seminar of ergonomics, 7 credits, lecturer and supervisor, 2003-2007
- Basics in Ergonomics, 4 credits, course director and lecturer, 2003-2004
- Basics in ergonomics-internet course, 4 credits, course director and internet tutor, 2005-2007

University of Tampere and Technical university of Tampere

- Ergonomics and me internet course, 4 credits, course director and internet tutor, 2004-2007
- Physical ergonomics, 8 hours, Institute of Occupational Safety Engineering, lecturer, 2004
- Human system and physical capacity, 4 credits, Open university, Institute for extension studies, basic studies of public health, course director, 2001 and 2002

Other institutes and Universities

- Current in Ergonomics, 4 hours, Satakunta University of applied sciences, Continuing education centre, Physiotherapy and health care, lecturer, 2003
- Methods of information retrieval, 1 credit, Jyväskylä University of applied sciences, Social Services, and Health, Continuing education centre, Physiotherapy, lecturer, 2000

Invited lectures

- Upper extremities and ergonomics, Autumn days of the Finnish Organization of the Orthopaedic Manual Therapy and the Physicians Organization of Manual Medicine in Finland, 21.-22.11.2008

GRANTS

Grants as PI:

- Academy of Finland, DIGIHUM-programme, Project title: Utilizing digital data to measure working conditions in health care, research project funding, 240 000€, 2020-2022
- Forte, Challenges of working life-call, research project funding, 4 700 000 SEK, 2019-2022
- The Finnish Work Environment Fund, research project funding, 140 000€, 2019-2021
- The Finnish Work Environment Fund, research project funding, 2016-2017
- Ministry of Education and Culture, research project funding, 2013-2015
- Juho Vainio Foundation, personal post doctoral research grant, 2013

- The Finnish Work Environment Fund, funding for research project, 2008-2009
- Academy of Finland, Postdoctoral Researcher's project, 2008-2010
- Finnish Cultural Foundation, personal grant for academic dissertation, 2003
- Foundation of Orion Corporation, personal grant for academic dissertation, 2002
- Urheiluoopistosäätiö, personal grant for academic dissertation, 2001-2002
- Ministry of Education, personal grant for academic dissertation, 1999-2001

Grants as co-investigator:

- The Finnish Work Environment Fund, principal investigator (PI) Tomi Kanerva, research project grant, 90 000€, 2019-2021
- AFA Försäkring, PI Pia Svedberg, research grant, 4 506 000 SEK, 2016-2019
- Vetenskaprådet, PI Pia Svedberg, research grant, 2 100 000 SEK, 2016-2019
- Academy of Finland and Strategic research council, principal investigator (PI) Anne Kovalainen, 2016-2019
- AFA Försäkring, PI Ellenor Mittendorfer-Rutz, 3,900,000 SEK, 2016–2018
- NordForsk, PI Mikko Härmä, funding for research project, 2015-2020
- The Finnish Work Environment Fund, PI Sampsa Puttonen, funding for research project, 2015-2017
- National Research School for Caring Sciences, PI Kristina Alexanderson, funding of a PhD-student for 4 years, Karolinska Institutet (KI), period 2008-2012
- SLS/Socialstyrelsen, PI Pia Svedberg, Research grants 300,000 SEK, period 2008-2011
- Magnus Bergvallsstiftelse, PI Pia Svedberg, Project grant 100,000 SEK, period 2009-2010
- Swedish Research Council, PI Pia Svedberg, project title: Risk factors for and consequences of being sickness absent/disability pensioned: a prospective twin study, 1,875,000 SEK, period 2009-2011
- Karolinska Institutet Research Network for Public and International Health, PI Pia Svedberg, Research grants 250,000 SEK, period 2008