

Curriculum vitae

December 2018

MARKUS JOKELA

Date of Birth: 12th Oct 1979, Gender: Male, Nationality: Finnish

Current address: Department of Psychology and Logopedics, University of Helsinki, Finland

E-mail: markus.jokela@helsinki.fi, Phone: +358294129483

EDUCATION AND DEGREES

- 2012 **PhD in Epidemiology and Public Health**, University College London, UK. Title of PhD thesis: "Obesity and common mental disorders: Examination of an association with alternative longitudinal models"
- 2009 **Adjunct Professor of Developmental and Personality Psychology** (Title of Docent), University of Helsinki
- 2007 **PhD in Psychology**, University of Helsinki, Title of PhD thesis: "On the environmental genetics of depressive symptoms: Focus on two serotonergic genes"

PROFESSIONAL ACADEMIC EXPERIENCE

Current position

1/2014- Associate Professor, Department of Psychology and Logopedics, University of Helsinki

Earlier positions in Finland

- 9/2013-12/2013 Academy Research Fellow
- 6/2011-8/2013 University Lecturer, Institute of Behavioural Sciences, University of Helsinki
- 1/2009-5/2011 Post-doctoral researcher, Department of Psychology, University of Helsinki
- 9/2008-12/2008 Senior Researcher, Finnish Institute of Occupational Health
- 6/2005-12/2007 Doctoral student, Department of Psychology, University of Helsinki
- 9/2006-12/2006 Lecturer, Department of Psychology, University of Helsinki

Earlier positions outside Finland

- 1/2013-10/2013 Visiting Fellow, Clare Hall College, University of Cambridge, UK
- 1/2008-8/2008 Visiting Research Fellow, Department of Epidemiology and Public Health, University College London, UK (with the Whitehall II research group)

EDITORIAL POSITIONS

- 2012-2016 Associate Editor, "European Journal of Personality" (ranked 8/60 in the category of "Psychology, Social" in ISI Web of Science)
- 8/2013- Consulting Editor, "Evolution and Human Behavior" (ranked 7/49 in the category of "Behavioral Sciences" in ISI Web of Science)
- 8/2010- Member of Editorial Board, "Frontiers in Personality Science and Individual Differences"

OTHER ACADEMIC RESPONSIBILITIES

- 2015- Member of the executive committee of teaching at the Department of Psychology and Logopedics
- 2007- Occasional reviewer for various journal of epidemiology, psychology, and social sciences (About 40 reviews per year in 2012-2018; 5-20 reviews per year in 2007-2011).
- 2012- Reviewer of research project grant applications for Research Council of Norway (1 time as panel member assessing ~20 proposals), University of Helsinki Research Funds (1 time as panel member assessing ~15 proposals), British Economic and Social Research Council (1 review), Czech Science Foundation (1 review), Israel Science Foundation (1 review)
- 2014 Member of the international scientific committee for the 17th European Conference on Personality, Lausanne, Switzerland, 15.-19.7.2014
- 2015 Member of the local organizing committee for the European Human Behavior and Evolution conference, Helsinki, Finland, 2015

LEADERSHIP EXPERIENCE

- Currently Research group leader of 1 senior researcher, 2 post-doctoral researchers, and 2 PhD students
- 6/2014- Administrative superior (YPJ esimies) of all PhD students of psychology

Invited talks in scientific conferences 2014–2018

1. Jokela M. Migration flows associated with regional personality profiles in the UK. European Conference of Personality, Lausanne, Switzerland, 2014
2. Jokela M. Geographic analysis of human values across Europe. European Conference of Personality, Lausanne, Switzerland, 2014
3. Jokela M. Adolescent verbal ability and later health in the British Household Panel Survey. ESRC seminar of early life and health, University of Stirling, 2014.
4. Jokela M. Social selection and causation in ecological psychology. American Psychological Society (APS), Chicago, USA, 2016.
5. Jokela M. Is low conscientiousness a causal risk factor for poorer health? European Conference of Personality, Timisoara, Romania, 2016.
6. Jokela M, Hakulinen C. Long-term personality change associated with alcohol use. European Conference of Personality, Timisoara, Romania, 2016.
7. Jokela M. Personality and health: Insights from multi-cohort studies. International Conference on Educational Data Mining and Applications, Beijing, China, 2017.
8. Jokela M. Symptom-level analysis of social and biological risk factors of depression. International Conference of Psychological Science (ICPS), Vienna, Austria, 2017.
9. Jokela M. Is personality a cause – or only a correlate – of important health behaviors? International Conference of Psychological Science (ICPS), Vienna, Austria, 2017.
10. Jokela M. Personality, disability, and mortality: What are the population-level implications? European Conference of Personality, Zadar, Croatia, 2018
11. Jokela M. Successful aging in urban and rural United States. Finnish Association for Population Studies, Tvärminne, Finland, 2018.

COMPETITIVE RESEARCH GRANTS RECEIVED (3,078,718€ in total)

A. Principal Investigator research project grants (1,252,474€ in total)

2017-2021: Heterogeneity of depression at symptom level: Specific versus general patterns in etiology, development, and disability. Academy of Finland; 448,849€

2016-2017 "Predicting youth mental health and work disability: A register-based prediction modeling" Juho Vainio Foundation; 30,000€

2014-2015 "Persistent and automatic stress identification", Finnish Funding Agency for Technology and Innovation (TEKES); 164,400€

2012-2014 "Selective migration and neighborhood effects" Kone Foundation; 142,025€

2010-2012 "Genes, environments, and individual decisions in fertility behavior." Research Funds of the University of Helsinki; 118,000€

2009-2011 "Reproductive behavior in contemporary societies: Combining evolutionary theory with social science research" Kone Foundation; 349,200€

B. Co-Principal Investigator project grants (1,295,239€ in total)

2017-2020 "Midlife predictors of dementia, frailty and disability at older ages" (with principal investigator Prof. Mika Kivimäki, University College London); 400,000€

2014-2017 "Computational algorithms in revising psychiatric diagnosis" Emil Aaltonen Foundation (with principal investigator Dr. Tom Rosenström); 210,000€

2013-2017 "Linked lives: A dyadic approach to social development" Academy of Finland (with principal investigator Dr. Anna Rotkirch, Population Research Institute); 685,239 €

C. Fellowships and personal research grants (531,005€ in total)

2013-2018 Academy Research Fellowship, Academy of Finland, 425,005€

2012 University of Cambridge Clare Hall Visiting Fellowship, University of Helsinki, 60,300€

2007 PhD research, Finnish Cultural Foundation; 8,000€

2006 PhD research, Finnish Cultural Foundation; 16,000€

2005 PhD research, Helsinki University Science Foundation; 14,700€

2004 PhD research, Otto A. Malm Foundation; 7,000€

Overview of scientific activity

My current project, funded by the Academy of Finland, examines how symptom-level analysis of depression can be used to better understand the heterogeneous nature of depression, and whether a more detailed focus on specific symptoms can inform us about the etiology and prognosis of depression. In another project, thus far only funded with a small research grant, we are developing a predictive risk score for work disability due to mental health problems by using Finnish registry data. I was also a principal investigator in a project that developed automatic assessment of people's stress levels based on their use of mobile phones.

Another major research line has been the study of neighborhood effects and geographic psychology. This research examines whether and how psychological traits (e.g., personality and cognitive ability) are geographically patterned, and how the interaction of individual traits and neighborhood characteristics interact in predicting people's residential mobility and wellbeing. Our paper on life satisfaction in London metropolitan area was published in *PNAS* and was also popularized by the BBC as an interactive personality test that people could take to find where in UK they would be the happiest (<http://www.bbc.co.uk/guides/z3g487h>). I also used within-individual longitudinal studies to show that neighborhood deprivation does not seem to induce poor health; the manuscript published in *American Journal of Epidemiology* was selected as one of the 10 best papers published in the journal in 2015.

In my studies of personality and health, I have worked to pool and harmonize together over 10 large prospective cohort studies that have assessed personality of the participants, and I am constantly updating this data resource with new study waves and cohort studies. This line of research has produced several influential individual-participant meta-analysis studies on the bidirectional associations of personality with chronic diseases and health behaviors. Together with Finnish economists, I have also started to explore the economic significance of personality using data from Finnish conscripts.

Working with Prof. Mika Kivimäki and colleagues, I have gathered another data resource of more than 20 studies for individual-participant meta-analysis of work-related health (e.g., health associations of long working hours) and aging (e.g., risk of dementia and frailty). Manuscripts from this line of research have been published in leading medical journals, such as *Lancet* and *BMJ*. I have been one of core projects members carrying out the statistical analyses for these manuscripts.

Based on citation analysis by the University of Helsinki, I was named as one of the University's most highly cited researchers in my field: <https://www.helsinki.fi/en/research/highly-cited-researchers/highly-cited-researchers-cognitive-sciences#section-20268>. I was an associate editor in the *European Journal of Personality* for 4 years, during which I also edited one special issue on "Personality and Social Structure" (7 articles). Dr. Anna Rotkirch and I organized the annual European Human Behaviour and Evolution Conference in Helsinki in 2015. In 2015–2016 I was invited to join a research group "*Genetic and social causes of life chances*" led by Profs. Martin Diewald and Rainer Riemann, consisting of leading social scientists and behavior geneticists who convened four times at the University of Bielefeld. In 2017 I was invited to join the core research group of the Midlife in the United States (MIDUS) prospective cohort study led by Prof. Carol Ryff.

Regarding university administration, I have been the department's superior for PhD students and a member of the teaching executive committee that is responsible for the management of teaching at the department.

TEACHING

PEDAGOGICAL STUDIES: University pedagogy I (10 credits), spring 2010, University of Helsinki

STUDENT SUPERVISION

- PhD students (10 PhD completed, 5 currently supervised)
 - Thesis finished:** Päivi Merjonen (2011), Kim Josefsson (2013), Christian Hakulinen (2013), Tom Rosenström (2013), Venla Berg (2016), Michael Laakasuo (2016), Jaakko Airaksinen (2016), Ruben Arslan (2017), Kateryna Savelieva (2017), Heidi Backman (2018)
 - Work ongoing:** Regina Garcia-Velazquez, Emma Peltomaa, Sanna Selinheimo, Valentina Kiesepä, Santeri Kalliopää
- Undergraduate students
 - From 2014 onwards more than 50 supervised Master students, 8 Master students supervised at the moment. To put my student supervision efforts into perspective, I supervised approximately 30 times Master students as many theses as the median of all the other teachers (45 vs. 1.5)
 - About 20 supervised Bachelor thesis

COURSES (>600 lecture hours in total)

Teaching between 2014–2018

I have been teaching the following courses during my tenure track period:

1. Introduction to Clinical Psychology (10 credits) – 3 lecture courses with visiting lecturers and small-group discussions of case studies
2. Psychology of Mental Health (5 credits) – 3 lecture courses with home assignments
3. Advanced Clinical Psychology (10 credits) – 3 writing seminar courses in which the students write, present, and discuss their writing assignments
4. Master thesis writing seminar – 4 writing seminar courses in which students present and discuss their master thesis writing
5. Bachelor thesis writing seminar – 2 writing seminar courses in which students present and discuss their bachelor thesis writing

Statistical methodology workshops

- 2013 “Workflow in Stata, including programming and graphics” Population Research Institute, Helsinki, 4.1.2013 (1-day workshop) – Topics covered in the workshop: Writing efficient Stata code, basics of do-file programming,
- 2012 “Applied multilevel regression with Stata” Population Research Institute, Helsinki, 15.12.2012 (1-day workshop) – Topics covered in the workshop: Applied multilevel modeling, longitudinal data analysis, mixed models
- 2012 “Discrete-time and continuous-time survival analysis with Stata”, 15.10. & 6.11. 2013, Population Research Institute, Helsinki (2-day workshop) – Topics covered in the workshop: Preparing and analyzing survival data in Stata
- 2012 “Structural equation modeling in twin studies”, 10th-13th October 2012, University of Helsinki (Course organizer together with Dr. Karri Silventoinen) – Topics covered in the course: Structural equation models in family studies, MPlus statistical software.
- 2012 “Applied multilevel regression analysis”, 31st May 2012, Aalto University (4-hour lecture) – Topics covered in the lecture: Multilevel regression models in organizational research.

- 2011 "Introduction to Stata statistical software", 7th December 2011, University of Helsinki (1-day workshop) - Topics covered in the course: Basics of Stata, data management, and programming
- 2011 "Introduction to multilevel modeling using Stata", 9th December 2011, University of Helsinki (1-day workshop) - Topics covered in the course: Applied multilevel modeling, longitudinal data analysis, mixed models

Other courses

- 2014 "Personality psychology II" Helsinki Open University (8 lectures)
- 2013 "Applied multilevel regression in organizational research" Aalto University, Helsinki, 16.-18.12.2013. – Topics covered in the course: Multilevel regression
- 2011-2012 "Personality Psychology II", Institute of Behavioural Sciences, University of Helsinki (6 lectures; organizer of the course) - Topics covered in the course: Self in personality and social psychology, self-esteem, dual models of cognition, implicit measures, unconscious, self-knowledge, personality narrative, affective forecasting
- 2007-2012 Fourteen (14) courses of "Introduction to personality", Open University, University of Helsinki (approximately 150 lectures in total) - Topics covered in the course: Psychometrics of personality, behavior genetics, personality change, personality and psychiatric disorders, personality disorders, well-being, person perception, cognitive abilities, temperament, social relationships, experimental research
- 2011-2013 "Introduction to behavior genetics", Institute of Behavioural Sciences, University of Helsinki (1 lecture; organizer of the course together with Antti Latvala) - Topics covered in the lecture: Heritability of social behavior
- 2010-2011 "Personality assessment", Institute of Behavioural Sciences, Helsinki (2 lectures) - Topics covered in the lectures: Personality assessment, person perception
- 2006 "Advanced personality psychology", Department of Psychology (10 lectures) - Topics covered in the course: Personality and health, stress, coping mechanisms, cognitive abilities and mental health, neurobiology of personality
- 2008-2010 Three (3) courses of "Writing articles for international journals", Department of Psychology (8 lectures) - Topics covered in the lectures: Writing research reports, how to respond to reviewer comments
- 2007-2009 Two (2) courses of "Advanced personality psychology", Department of Psychology (4 lectures) - Topics covered in the lectures: Behavior genetics, cognitive abilities, personality and health
- 2009-2011 "Determinants of health and well-being", Open University, University of Helsinki (3 lectures) - Topics covered in the lectures: Mental health and well-being, aging and health, coping mechanisms, social psychology of emotions

20 selected representative publications by topic

Depressive symptoms

1. **Jokela, M.**, Virtanen, M., David Batty, G., Kivimäki, M. Inflammation and specific symptoms of depression. (2016) JAMA Psychiatry, 73 (1), pp. 87-88.
2. **Jokela, M.**, Hamer, M., Singh-Manoux, A., Batty, G.D., Kivimäki, M. Association of metabolically healthy obesity with depressive symptoms: Pooled analysis of eight studies. (2014) Molecular Psychiatry, 19 (8), pp. 910-914.
3. **Jokela, M.**, Berg, V., Silventoinen, K., David Batty, G., Singh-Manoux, A., Kaprio, J., Davey Smith, G., Kivimäki, M. Body Mass Index and Depressive Symptoms: Testing for Adverse and Protective Associations in Two Twin Cohort Studies (2016) Twin Research and Human Genetics, 19 (4), pp. 306-311.
4. Rosenström, T., **Jokela, M.** Reconsidering the definition of Major Depression based on Collaborative Psychiatric Epidemiology Surveys (2017) Journal of Affective Disorders, 207, pp. 38-46.
5. Hakulinen, C., Elovainio, M., Pulkki-Råback, L., Virtanen, M., Kivimäki, M., **Jokela, M.** Personality and depressive symptoms: individual participant meta-analysis of 10 cohort studies (2015) Depression and Anxiety, 32 (7), pp. 461-470.

Geography and neighborhood effects

6. **Jokela, M.**, Bleidorn, W., Lamb, M.E., Gosling, S.D., Rentfrow, P.J. Geographically varying associations between personality and life satisfaction in the London metropolitan area. (2015) Proceedings of the National Academy of Sciences of the United States of America, 112 (3), pp. 725-730.
7. **Jokela, M.** Are neighborhood health associations causal? A 10-year prospective cohort study with repeated measurements (2014) American Journal of Epidemiology, 180 (8), pp. 776-784.
8. **Jokela, M.** Does neighbourhood deprivation cause poor health? Within-individual analysis of movers in a prospective cohort study (2015) Journal of Epidemiology and Community Health, 69 (9), pp. 899-904.
9. **Jokela, M.** Flow of cognitive capital across rural and urban United States (2014) Intelligence, 46 (1), pp. 47-53.
10. Rentfrow, P.J., **Jokela, M.** Geographical Psychology: The Spatial Organization of Psychological Phenomena (2016) Current Directions in Psychological Science, 25 (6), pp. 393-398.

Personality

11. **Jokela, M.**, Pekkarinen, T., Sarvimäki, M., Terviö, M., Uusitalo, R. Secular rise in economically valuable personality traits (2017) Proceedings of the National Academy of Sciences of the United States of America, 114 (25), pp. 6527-6532.

12. **Jokela, M.** Life-course fertility patterns associated with childhood externalizing and internalizing behaviors (2014) European Child and Adolescent Psychiatry, 23 (12), pp. 1201-1210.
13. **Jokela, M.**, Hakulinen, C., Singh-Manoux, A., Kivimäki, M. Personality change associated with chronic diseases: Pooled analysis of four prospective cohort studies (2014) Psychological Medicine, 44 (12), pp. 2629-2640.
14. Hakulinen, C., **Jokela, M.** Alcohol use and personality trait change: pooled analysis of six cohort studies (2018) Psychological Medicine, pp. 1-8.
15. Hakulinen, C., Hintsanen, M., Munafò, M.R., Virtanen, M., Kivimäki, M., Batty, G.D., **Jokela, M.** Personality and smoking: Individual-participant meta-analysis of nine cohort studies (2015) Addiction, 110 (11), pp. 1844-1852.
16. Penke, L., **Jokela, M.** The evolutionary genetics of personality revisited (2016) Current Opinion in Psychology, 7, pp. 104-109.

Individual-participant meta-analyses of health and mortality

17. Stringhini, S., Carmeli, C., **Jokela, M.**, Avendaño, M., ..., Muennig, P., Guida, F., Ricceri, F., d'Errico, A., Barros, H., Bochud, M., Chadeau-Hyam, M., Clavel-Chapelon, F., Costa, G., Delpierre, C., Fraga, S., Goldberg, M., Giles, G.G., Krogh, V., Kelly-Irving, M., Layte, R., Lasserre, A.M., Marmot, M.G., Preisig, M., Shipley, M.J., Vollenweider, P., Zins, M., Kawachi, I., Steptoe, A., Mackenbach, J.P., Vineis, P., Kivimäki, M. Socioeconomic status and the 25 × 25 risk factors as determinants of premature mortality: a multicohort study and meta-analysis of 1.7 million men and women (2017) The Lancet, 389 (10075), pp. 1229-1237.
18. Stringhini, S., Carmeli, C., **Jokela, M.**, Avendaño, M., McCrory, C., D'Errico, A., Bochud, M., Barros, H., Costa, G., Chadeau-Hyam, M., Delpierre, C., Gandini, M., Fraga, S., Goldberg, M., Giles, G.G., Lassale, C., Kenny, R.A., Kelly-Irving, M., Paccaud, F., Layte, R., Muennig, P., Marmot, M.G., Ribeiro, A.I., Severi, G., Steptoe, A., Shipley, M.J., Zins, M., Mackenbach, J.P., Vineis, P., Kivimäki, M. Socioeconomic status, non-communicable disease risk factors, and walking speed in older adults: Multi-cohort population based study (2018) BMJ, 360, k1046.
19. Kivimäki, M., Luukkonen, R., Batty, G.D., Ferrie, J.E., Pentti, J., Nyberg, S.T., Shipley, M.J., Alfredsson, L., Fransson, E.I., Goldberg, M., Knutsson, A., Koskenvuo, M., Kuosma, E., Nordin, M., Suominen, S.B., Theorell, T., Vuoksimaa, E., Westerholm, P., Westerlund, H., Zins, M., Kivipelto, M., Vahtera, J., Kaprio, J., Singh-Manoux, A., **Jokela, M.** Body mass index and risk of dementia: Analysis of individual-level data from 1.3 million individuals (2018) Alzheimer's and Dementia, 14 (5), pp. 601-609.
20. Kivimäki, M., Virtanen, M., Kawachi, I., Nyberg, S.T., Alfredsson, L., Batty, G.D., Bjorner, J.B., Borritz, M., Brunner, E.J., Burr, H., Dragano, N., Ferrie, J.E., Fransson, E.I., Hamer, M., Heikkilä, K., Knutsson, A., Koskenvuo, M., Madsen, I.E.H., Nielsen, M.L., Nordin, M., Oksanen, T., Pejtersen, J.H., Pentti, J., Rugulies, R., Salo, P., Siegrist, J., Steptoe, A., Suominen, S., Theorell, T., Vahtera, J., Westerholm, P.J.M., Westerlund, H., Singh-Manoux, A., **Jokela, M.** Long working hours, socioeconomic status, and the risk of incident type 2 diabetes: A meta-analysis of published and unpublished data from 222120 individuals (2015) The Lancet Diabetes and Endocrinology, 3 (1), pp. 27-34.

FULL PUBLICATION LIST

1. Batty G.D., Gale C.R., Tanji F., Gunnell D., Kivimäki M., Tsuji I., Jokela M. Personality traits and risk of suicide mortality: findings from a multi-cohort study in the general population. **World Psychiatry**, in press.
2. Jokela, M. Personality as a determinant of health behaviors and chronic disease. Ryff, C. & Kruger, R. (eds.). **Oxford Handbook of Integrated Health Sciences**.
3. Backman H., Laajasalo T., Jokela M., Aronen E.T. Interpersonal Relationships as Protective and Risk Factors for Psychopathy: A Follow-up Study in Adolescent Offenders. **Journal of Youth and Adolescence**, 2018, 47, 1022-1036
4. Lindgren M., Torniainen-Holm M., Heiskanen I., Voutilainen G., Pulkkinen U., Mehtälä T., Jokela M., Kiesepä T., Suvisaari J., Therman S. Theory of mind in a first-episode psychosis population using the Hinting Task. **Psychiatry Research**, 2018, 263, 185-192
5. Kivimäki M., Luukkonen R., Batty G.D., Ferrie J.E., Pentti J., Nyberg S.T., Shipley M.J., Alfredsson L., Fransson E.I., Goldberg M., Knutsson A., Koskenvuo M., Kuosma E., Nordin M., Suominen S.B., Theorell T., Vuoksima E., Westerholm P., Westerlund H., Zins M., Kivipelto M., Vahtera J., Kaprio J., Singh-Manoux A., Jokela M. Body mass index and risk of dementia: Analysis of individual-level data from 1.3 million individuals. **Alzheimer's and Dementia**, 2018, 14, 601-609
6. Wesolowska K., Elovainio M., Hintsala T., Jokela M., Pulkki-Råback L., Lipsanen J., Juonala M., Raitakari O., Keltikangas-Järvinen L. Is the Association Between Depressive Symptoms and Glucose Bidirectional? A Population-Based Study. **Health Psychology**, 2018, , -
7. Mullola S., Hakulinen C., Gimeno Ruiz de Porras D., Penseau J., Jokela M., Vänskä J., Paunio T., Elovainio M. Medical specialty choice and well-being at work: Physician's personality as a moderator. **Archives of Environmental and Occupational Health**, 2018, , 1-15
8. Mullola S., Hakulinen C., Penseau J., Gimeno Ruiz De Porras D., Jokela M., Hintsala T., Elovainio M. Personality traits and career choices among physicians in Finland: Employment sector, clinical patient contact, specialty and change of specialty. **BMC Medical Education**, 2018, 18, -
9. Stringhini S., Carmeli C., Jokela M., Avendaño M., McCrory C., D'Errico A., Bochud M., Barros H., Costa G., Chadeau-Hyam M., Delpierre C., Gandini M., Fraga S., Goldberg M., Giles G.G., Lassale C., Kenny R.A., Kelly-Irving M., Paccaud F., Layte R., Muennig P., Marmot M.G., Ribeiro A.I., Severi G., Steptoe A., Shipley M.J., Zins M., Mackenbach J.P., Vineis P., Kivimäki M. Socioeconomic status, non-communicable disease risk factors, and walking speed in older adults: Multi-cohort population based study. **BMJ**, 2018, 360, -
10. Selinheimo S., Vasankari T., Jokela M., Kanervisto M., Pirkola S., Suvisaari J., Paunio T. The association of psychological factors and healthcare use with the discrepancy between subjective and objective respiratory-health complaints in the general population. **Psychological Medicine**, 2018, , 1-11
11. Hakulinen C., Jokela M. Alcohol use and personality trait change: pooled analysis of six cohort studies. **Psychological Medicine**, 2018, , 1-8

12. Airaksinen J., Jokela M., Virtanen M., Oksanen T., Koskenvuo M., Pentti J., Vahtera J., Kivimäki M. Prediction of long-term absence due to sickness in employees: Development and validation of a multifactorial risk score in two cohort studies. **Scandinavian Journal of Work, Environment and Health**, 2018, 44, 274-282
13. Ervasti J., Kivimäki M., Head J., Goldberg M., Airagnes G., Pentti J., Oksanen T., Salo P., Suominen S., Jokela M., Vahtera J., Zins M., Virtanen M. Sociodemographic differences between alcohol use and sickness absence: Pooled analysis of four cohort studies. **Alcohol and Alcoholism**, 2018, 53, 95-103
14. Virtanen M., Jokela M., Madsen I.E.H., Magnusson Hanson L.L., Lallukka T., Nyberg S.T., Alfredsson L., Batty G.D., Bjorner J.B., Borritz M., Burr H., Dragano N., Erbel R., Ferrie J.E., Heikkilä K., Knutsson A., Koskenvuo M., Lahelma E., Nielsen M.L., Oksanen T., Pejtersen J.H., Pentti J., Rahkonen O., Rugulies R., Salo P., Schupp J., Shipley M.J., Siegrist J., Singh-Manoux A., Suominen S.B., Theorell T., Vahtera J., Wagner G.G., Wang J.L., Yiengprugsawan V., Westerlund H., Kivimäki M. Long working hours and depressive symptoms: Systematic review and meta-analysis of published studies and unpublished individual participant data. **Scandinavian Journal of Work, Environment and Health**, 2018, 44, 239-250
15. Heikkilä K., Jokela M. Cancer. **The Routledge International Handbook of Psychosocial Epidemiology**, 2017, , 263-280
16. Airaksinen J., Jokela M., Virtanen M., Oksanen T., Pentti J., Vahtera J., Koskenvuo M., Kawachi I., Batty G.D., Kivimäki M. Development and validation of a risk prediction model for work disability: Multicohort study. **Scientific Reports**, 2017, 7, -
17. Wesołowska K., Elovainio M., Hintsala T., Jokela M., Pulkki-Råback L., Pitkänen N., Lipsanen J., Tukiainen J., Lyytikäinen L.-P., Lehtimäki T., Juonala M., Raitakari O., Keltikangas-Järvinen L. Fasting Glucose and the Risk of Depressive Symptoms: Instrumental-Variable Regression in the Cardiovascular Risk in Young Finns Study. **International Journal of Behavioral Medicine**, 2017, 24, 901-907
18. Rosenström T., Jokela M. A Parsimonious Explanation of the Resilient, Undercontrolled, and Overcontrolled Personality Types. **European Journal of Personality**, 2017, 31, 658-668
19. García-Velázquez R., Jokela M., Rosenström T.H. Symptom severity and disability in psychiatric disorders: The U.S. Collaborative Psychiatric Epidemiology Survey. **Journal of Affective Disorders**, 2017, 222, 204-210
20. Virtanen M., Singh-Manoux A., Batty G.D., Ebmeier K.P., Jokela M., Harmer C.J., Kivimäki M. The level of cognitive function and recognition of emotions in older adults. **PLoS ONE**, 2017, 12, -
21. Savelieva K., Pulkki-Råback L., Jokela M., Hintsanen M., Merjonen P., Hutri-Kähönen N., Juonala M., Viikari J., Raitakari O., Keltikangas-Järvinen L. Intergenerational Continuity in Qualities of the Parent–Child Relationship: Mediating and Moderating Mechanisms. **Journal of Child and Family Studies**, 2017, 26, 2191-2201
22. Savelieva K., Keltikangas-Järvinen L., Pulkki-Råback L., Jokela M., Lipsanen J., Merjonen P., Viikari J., Raitakari O.T., Hintsanen M. Intergenerational transmission of

- qualities of the parent–child relationship in the population-based Young Finns Study. **European Journal of Developmental Psychology**, 2017, 14, 416-435
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