



**Department of Clinical Neuroscience (CNS)**  
Division of Insurance Medicine

**Curriculum Vitae – Pia Svedberg**

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**Education**

2013 Associate professor of Epidemiology, Karolinska Institutet (KI)  
2006 PhD Epidemiology, KI  
1995 BSc Psychology, Uppsala University

**Positions**

2015- Researcher and head of research group, Division of Insurance  
Medicine, CNS, KI  
20110101-20141231 Research associate, Division of Insurance Medicine, CNS, KI  
20060612-20101231 Post-doctoral fellow, Division of Insurance Medicine, CNS, KI  
20060401-20060611 Researcher, Dept. Medical Epidemiology and Biostatistics (MEB), KI  
20010101-20060331 Doctoral student, MEB, KI  
20020105-20020305 Visiting scholar – University of Southern California, LA, USA  
(Funding: Erik and Edith Fernströms foundation)  
19941101-19990430 Research assistant/coordinator, the Swedish Twin Registry,  
Institute of Environmental medicine (IMM) *and*  
19990501-20021231 Dept. of Medical Epidemiology & Biostatistics (MEB), KI  
19940101-19940630 Research assistant, Royal Institute of technology, KTH *and*  
19920115-19930228 Built Environment, Laboratory of applied psychology, Gävle

**Research interests**

Risk factors for, and adverse outcomes of being sickness absent or disability pensioned -  
with specific focus on musculoskeletal and mental disorders; self-rated health; health  
behaviors; stress; sleep; burnout; work related factors; epidemiology; twin studies

**Supervision of PhD students who defended their thesis**

20130205 Co-supervisor: Åsa Samuelsson, KI  
20130322 Co-supervisor: Aron Naimi-Akbar, KI  
20171215 Main supervisor: Lisa Mather, KI  
20190517 Co-supervisor; Sanna Kärkkäinen, University of Eastern Finland, Kuopio

**Mentor for PhD-student:**

2013 – Camilla Martinsson (prev. Westlund), IMM, KI (Lic. Sept-2017)

**Postdocs:**

Victoria Blom (2011-2014)  
Jurgita Narusyte (2010-2014)  
Björg Helgadóttir (2017-2019)  
Lisa Mather (2018-2019)  
Karoline Seglem, visiting postdoc from Oslo, 20180401-0630.  
Mo Wang (2019)  
Sanna Kärkkäinen (2019-2020)

**Funding**

VR 2017-2020; VR Infrastructure REWHARD 2018-2022; AFA Insurance 2017-2019; KI funds 2010-2021: Forte (FAS) postdoc 2008-2009; The Swedish Society of Medicine 2008 & 2010-2013; VR 2009-2011; Magnus Bergvalls foundation 2008-2009 & 2014-2015; Forte (FAS) project 2010-2012; KI-PIH 2008; KI-CfV postdoc 2009-2010; KI-SFO-Epi 2012-2013; KI-KID 2012-2015.

**Some commissions of trust**

- Reviewer report from Social Insurance Agency (FK), Stockholm (spring 2020) regarding patterns and development of sick leave in Sweden.
- Evaluator for teaching position (Sakkunnig granskning lektorstjänst) Örebro Universitet, 2019 (23 applicants).
- Peer-review systematic report on graded sick leave, National Institute of Public Health, Oslo, Norway, 2018
- Board member and steering group member REWHARD infrastructure (2018--)
- Board member Statistical advisory board, National Social Insurance Agency, 2013-2018
- Board member of the NAPE (Nordic Association for Psychiatric Epidemiology) 2010-2016
- Member of the executive team of Division of Insurance Medicine, 2011--
- Grant evaluator KID funding Karolinska Institutet, 2012-2015
- Coordinator NorTwinDisa network of Nordic twin researchers 'disability pension & sick leave', 2012--
- Opponent PhD Thesis [7April2014] Line C. Gjerde, UiO, Norway. "Genetic and environmental contributions to personality disorders, long-term sick leave and disability pension"
- Opponent PhD Thesis [18December2015], Kristian Amundsen Østby, UiO, Norway. "Risk factors for workforce non-participation"
- Evaluation committee PhD Thesis (half-time control), Linda Eriksson, KI, 2020-05-13
- Evaluation committee PhD Thesis Josefin Edwall Löfvenborg, KI, IMM, 2019-04-26
- Evaluation committee PhD Thesis Hanna Sahlin, CNS, KI 2018-04-13
- Evaluation committee PhD Thesis Viktoria Johansson, MEB, KI 2015-09-18
- Evaluation committee PhD Thesis Johannes Arpegård, KS, KI, 2015-10-09
- Pre-examiner PhD Thesis Anna Svärd, Helsinki, Finland, 2018
- Chair at doctoral thesis defence: Mirkka Söderman, May 8, 2020.
- Chair at doctoral thesis defence: Domitilla DiTiene, June 14, 2019.
- Chair at doctoral thesis defence; Syed Ghulam Rahman, February 24, 2017.
- Peer-review assignments for different journals; *International Journal of Epidemiology*, *European Journal of Epidemiology*, *Social Science and Medicine*, *Digestive and Liver Disease*, *Obesity*, *Scandinavian Journal of Public Health*, *Behavior Genetics*, *Twin Research Human Genetics*, etc.
- Supervisor of several Master and Medical students' thesis and project work

**Publication summary**

103 peer-reviewed original scientific publications;

5 peer-reviewed *review* articles;

3 books/chapters;

7 scientific reports in Swedish;

84 peer-reviewed abstracts for presentations/workshops at various conferences.

H-index: 26

### Publications (peer-reviewed)

1. Wang M, Ropponen A, Narusyte J, Helgadóttir B, Bergström G, Blom V, **Svedberg P**. Adverse outcomes of chronic widespread pain and common mental disorders in individuals with sickness absence – a prospective study of Swedish twins. *BMC Public Health*. 2020 Aug 27;20(1):1301. doi: 10.1186/s12889-020-09407-9.
2. Wang M, Laszlo K, **Svedberg P**, Nylén L, Alexanderson K. Childbirth, morbidity, sickness absence and disability pension: a population-based longitudinal cohort study in Sweden. *BMJ Open*. 2020 Nov 24;10(11):e037726. doi: 10.1136/bmjopen-2020-037726.
3. Ropponen A, Narusyte J, Silventoinen K, **Svedberg P**. Health behaviors and psychosocial working conditions as predictors of future DP due to different diagnosis groups. *BMC Public Health*. 2020;20:1507. <https://doi.org/10.1186/s12889-020-09567-8>.
4. Mather L, Kärkkäinen S, Narusyte J, Ropponen A, Mittendorfer-Rutz E, **Svedberg P**. Sick leave due to back pain, common mental disorders and disability pension: Common genetic liability. *Eur J Pain*. 2020 Nov;24:1892–1901. *Epub/first view 18AUG2020*. DOI: 10.1002/ejp.1635. [Editor's Choice].
5. Ropponen A, Mittendorfer-Rutz E, **Svedberg P**. Psychosocial working conditions, pain, mental disorders and disability pension. *Archives of Environmental and Occupational Health*. Published online: 21 Sep 2020. <https://doi.org/10.1080/19338244.2020.1816882>.
6. Brobakke Seglem K, Torvik FA, Røysamb E, Gjerde LC, Magnus P, Reichborn-Kjennerud T, **Svedberg P**, Ørstavik R. A life course study of genetic and environmental influences on work incapacity. *Twin Research Human Genetics*. 2020;23(1):16–22. *E-pub Dec-2019*. Doi:10.1017/thg.2019.116.
7. Björkenstam C, László K, Orellana C, Lidwall U, Lindfors P, Voss M, **Svedberg P**, Alexanderson K. Sickness absence and disability pension in relation to first childbirth and in nulliparous women according to occupational groups: A cohort study of 492,504 women in Sweden. *BMC Public Health*. 2020 May 14;20(1):686. Doi: 10.1186/s12889-020-08730-5.
8. Åkerstedt T, Narusyte J, **Svedberg P**. Night work, mortality, and the link to occupational group and sex. *Scand J Work Environ Health*. 2020 Sep 1;46(5):508–515. doi: 10.5271/sjweh.3892. Epub 2020 Apr 9. <https://pubmed.ncbi.nlm.nih.gov/32270204/>
9. Kärkkäinen S, Silventoinen K, **Svedberg P**, Ropponen A. Life events as predictors for disability pension due to musculoskeletal diagnoses: a cohort study of Finnish twins. *International Archives of Occupational and Environmental Health*. 2020; 93:469–478. [Epub 2019 Dec 11.] doi: 10.1007/s00420-019-01505-5. PMID:31828421.
10. Mather L, Narusyte J, Ropponen A, Bergström G, Blom V, Helgadóttir B, **Svedberg P**. Sick leave due to mental disorders, morbidity and mortality: a prospective study of discordant twin pairs. *Social Psychiatry and Psychiatric Epidemiology*. 2020 Jan;55(1):25–32. doi: 10.1007/s00127-019-01715-9. [Epub 2019 May 10]
11. Piirtola M, Kaprio J, **Svedberg P**, Silventoinen K, Ropponen A. Associations of sitting time with leisure-time physical inactivity, education and BMI change. *Scand J Med Sci Sports*. 2020 Feb;30(2):322–331. doi: 10.1111/sms.13575.
12. Narusyte J, Ropponen A, Mittendorfer-Rutz E. **Svedberg P**. Shared liability to pain, common mental disorders, and long-term work disability differs among women and men. *PAIN* 2020; 161(5):1005–1011. [Epub 2020 Jan 16]. DOI: 10.1097/j.pain.0000000000001787.
13. Mather L, Ropponen A, Narusyte J, Mittendorfer-Rutz E, **Svedberg P**. Health, work and demographic factors associated with a lower risk of work disability and

- unemployment in employees with lower back, neck and shoulder pain. *BMC Musculoskeletal disorders*. 2019 Dec; 20:622. doi:10.1186/s12891-019-2999-9.
14. László K.D., Björkenstam C, **Svedberg P**, Lindfors P, Alexanderson K. Sickness absence and disability pension before and after first childbirth and in nulliparous women by numerical gender segregation of occupations: A Swedish population-based longitudinal cohort study. *PlosOne*. 2019; 14(12):e0226198.
  15. Wang M, Mather L, **Svedberg P**, Mittendorfer-Rutz E. Suicide attempt following sickness absence and disability pension due to common mental disorders – A prospective Swedish twin study. *Psychiatry Psychiatr Epidemiol*. doi: 10.1007/s00127-019-01803-w. [Epub ahead of print] PMID:31748874
  16. Amin R, **Svedberg P**, Narusyte J. Associations between adolescent social phobia, sickness absence and unemployment: a prospective study of twins in Sweden. *European Journal of Public Health*. 2019;29(5):931-936.
  17. Helgadottir B, Mather L, Narusyte J, Ropponen A, Blom V, **Svedberg P**. Transitioning from sickness absence to disability pension – the impact of poor health behaviors: a prospective Swedish twin cohort study. *BMJ Open*. 2019;9:e031889. doi:10.1136/bmjopen-2019-031889
  18. Björkenstam, C; Orellana, C; Laszlo, K; **Svedberg, P**; Voss, M; Lidwall, U; Lindfors, P; Alexanderson, K. Sickness absence and disability pension before and after first childbirth and in nulliparous women: longitudinal analyses of three cohorts in Sweden. *BMJ Open*. 2019;9:e031593. doi: 10.1136/bmjopen-2019-031593.
  19. Ropponen, A; Rahman S; **Svedberg P**; Helgesson M; Dorner T; Mittendorfer-Rutz E. Changes in prescription of antidepressants and disability pension due to back pain, compared to other musculoskeletal and other somatic diagnoses – a cohort study in Sweden. *BMJ Open* Sep 2019, 9 (9) e029836; DOI: 10.1136/bmjopen-2019-029836.
  20. Ropponen A, Narusyte J, Mittendorfer-Rutz E, **Svedberg P**. Number of pain locations as a predictor of cause-specific disability pension in Sweden– do common mental disorders play a role? *Journal of Occupational and Environmental Medicine*. 2019 Aug;61(8):646-652. 10.1097/JOM.0000000000001635.
  21. Helgadóttir B, **Svedberg P**, Mather L, Lindfors P, Bergström G, Blom V. The association between part-time and temporary employment and sickness absence: a prospective Swedish twin study. *Eur J Public Health*. 2019; 9(1): 147-153. doi: 10.1093/eurpub/cky145.
  22. Mather L, Blom V, Bergström G, **Svedberg P**. Adverse outcomes of sick leave due to mental disorders: A prospective study of discordant twin pairs. *Scandinavian Journal of Public Health*. 2019; 47: 127–136.
  23. Wang M, Mittendorfer-Rutz E, Dorner TE, Pazarlis KA, Ropponen A, **Svedberg P**, Helgesson M. Determinants of work disability following lumbar spine decompression surgery. *Scand J Public Health*. 2019; 47: 281–292. PMID:29974820.
  24. Helgadóttir B, Narusyte J, Ropponen A, Bergström G, Mather L, Blom V, **Svedberg P**. The role of occupational class on the association between sickness absence and disability pension: A Swedish register-based twin study. *Scand J Work Environ Health*. 2019;45(6):622-630.
  25. Rahman S, Mittendorfer-Rutz E, Dorner T.E, Pazarlis K, Ropponen A, **Svedberg P**, Wang M, Helgesson M. Work-disability in low back pain patients with or without surgery, role of social insurance regulation changes in Sweden. *European Journal of Public Health*. 2019;29(3):524-530.
  26. **Svedberg P**, Mather L, Bergström G, Lindfors P, Blom V. Time pressure and sleep problems due to thoughts about work as risk factors for future sickness absence. *International Archives Occupational Environmental Health*. 2018;91(8):1051-1059.

27. Dorner TE, Helgesson M, Nilsson K, Pazarlis K, Ropponen A, **Svedberg P**, Mittendorfer-Rutz E. Course and characteristics of work disability 3 years before and after lumbar spine decompression surgery– a national population-based study. *Scientific reports. Sci Rep.* 2018 Aug 7;8(1):11811. doi: 10.1038/s41598-018-30211-4. PMID: 30087405.
28. Ropponen A, Mather L, Narusyte J, Åkerstedt T, Mittendorfer-Rutz E, **Svedberg P**. Night work as a risk factor for future cause-specific disability pension: a prospective twin cohort study in Sweden. *Chronobiology International.* 2018;35(2):249-260.
29. **Svedberg P**, Mather L, Bergström G, Lindfors P, Blom V. Work-home interference, perceived total workload and the risk of future sickness absence due to stress-related mental diagnoses among women and men: a prospective twin study. *International Journal of Behavioral Medicine.* 2018;25:103-111.
30. Blom V, Richter A, Hallsten L, **Svedberg P**. The associations between job insecurity, depressive symptoms and burnout: the role of performance-based self-esteem. *Economic and Industrial Democracy.* 2018;39(1):48-63.
31. Åkerstedt T, Narusyte J, Alexanderson, K, **Svedberg P**. Sleep Duration, Mortality, and Heredity-A Prospective Twin Study. *SLEEP.* 2017;40(10). [Editor's choice]
32. Kärkkäinen S, Ropponen A, Narusyte J, Mather L, Åkerstedt T, Silventoinen K, Mittendorfer-Rutz E, **Svedberg P**. Night work as a risk factor of disability pension due to musculoskeletal diagnoses: a cohort study of Swedish twins". *European Journal of Public Health.* 2017;27(4):659-664.
33. Piirtola M, Kaprio J, Silventoinen K, **Svedberg P**, Korhonen T, Ropponen A. Association between long-term smoking and leisure-time physical inactivity - a cohort study among Finnish twins with a 35-year follow-up. *International Journal of Public Health* 2017; 62 (7): 819–829. DOI: 10.1007/s00038-017-0975-4.
34. Åkerstedt T, Narusyte J, **Svedberg P**, Kecklund G, Alexanderson K. Night work and prostate cancer in men – a Swedish prospective cohort study. *BMJ Open.* 2017;7:e015751.
35. Narusyte J, Ropponen A, Alexanderson K, **Svedberg P**. Internalizing and externalizing problems in childhood and adolescence as predictors of work incapacity in young adulthood. *Social Psychiatry and Psychiatric Epidemiology.* 2017; 52(9): 1159–1168.
36. Blom V, **Svedberg P**, Bergström G, Mather L, Lindfors P. Stress in paid and unpaid work as related to aggregate cortisol measures and subjective health complaints in women working in the public health care sector. *International Journal of Workplace Health Management.* 2017; 10(4): 286-299.
37. Piirtola M, Kaprio J, Waller K, Heikkilä K, Koskenvuo M, **Svedberg P**, Silventoinen K, Kujala UM, Ropponen A. Leisure-time physical inactivity and associations with body mass index: a Finnish Twin Study with a 35-year follow-up. *International Journal of Epidemiology.* 2017 Feb 1;46(1):116-127.
38. Piirtola M, Kaprio J, Kujala UM, Heikkilä K, Koskenvuo M, **Svedberg P**, Silventoinen K, Ropponen A. Association between education and future leisure-time physical inactivity: a study of Finnish twins over a 35-year follow-up. *BMC Public Health.* 2016 Aug 4;16(1):720.
39. **Svedberg P**, Hallsten L, Narusyte J, Bodin L, Blom V. Genetic and environmental influences on the association between performance-based self-esteem and exhaustion: a study of the self-worth notion of burnout. *Scandinavian Journal of Psychology.* 2016; 57:419–426.
40. Mather, L., Blom, V., Bergström, G., **Svedberg, P**. An underlying common factor explains the covariation between major depressive disorder, generalized anxiety

- disorder and burnout: a Swedish twin study. *Twin Research and Human Genetics*. 2016 Dec;19(6):619-627.
41. Ropponen A, Silventoinen K, Koskenvuo M, **Svedberg P**, Kaprio J. Stability and change of body mass index as a predictor of disability pension. *Scandinavian Journal of Public Health*. 2016; 44: 369–376.
  42. Dorner T E, Alexanderson K, **Svedberg P**, Tinghög P, Ropponen A, Mittendorfer-Rutz E. Synergistic effect between back pain and common mental disorders and the risk of future disability pension: A nationwide study from Sweden. *Psychological Medicine*. 2016;6(2):425-436.
  43. Narusyte J, Björkenstam E, Alexanderson K, Ropponen A, Kjeldgård L, **Svedberg P**. Occurrence of sickness absence and disability pension in relation to childbirth: a 16-year follow-up study of 6,323 Swedish twins. *Scandinavian Journal of Public Health*, 2016; 44: 98–105.
  44. Blom V, Bodin L, Bergström G, **Svedberg P**. Applying the Demand-control-support model on burnout in managers and non-managers. *International Journal of Workplace Health Management*. 2016;9(1): 110-122.
  45. Narusyte J, Ropponen A, Alexanderson K, **Svedberg P**. Genetic and environmental influences on disability pension due to mental diagnoses: limited importance of major depression, generalized anxiety, and chronic fatigue. *Twin Research Human Genetics*. 2016; 19(1)10-16.
  46. Taloyan M, Kecklund G, Thörn L, Kjeldgård L, Westerlund H, **Svedberg P**, Alexanderson K. Sickness presence in the Swedish Police in 2007 and in 2010: associations with demographic factors, job characteristics, and health. *Work*. 2016 Jun 23;54(2):379-87.
  47. Saha R, Pettersson HJ, **Svedberg P**, Olovsson M, Bergqvist A, Marions L, Tornvall P, Kuja-Halkola R. The heritability of endometriosis. *Fertil Steril*. 2015 Oct;104(4):947-52.
  48. Åkerstedt T, Knutsson A, Narusyte J, **Svedberg P**, Kecklund G, Alexanderson K. Night work and breast cancer in women – a Swedish cohort study. *BMJ Open*. 2015;5:e008127 doi:10.1136/bmjopen-2015-008127.
  49. Mather L, Bergström G, Blom V, **Svedberg P**. High job demands, job strain and iso-strain are risk factors for sick leave due to mental disorders: a prospective Swedish twin study with a five-year follow-up. *J Occup Environ Med*. 2015 Aug;57(8):858-65.
  50. Björkenstam E, Alexanderson K, Narusyte J, Kjeldgård L, Ropponen A, **Svedberg P**. Childbirth, hospitalisation and sickness absence: a study of female twins. *BMJ Open*. 2015;5:e006033.
  51. Dorner TE, Alexanderson K, **Svedberg P**, Ropponen A, Stein KV, Mittendorfer-Rutz E. Sickness absence due to back pain or depressive episode and the risk of all-cause and diagnosis-specific disability pension: A Swedish cohort study of 4,823,069 individuals. *European Journal of Pain*. 2015;19(9):1308-20.
  52. Marklund S, Lundh G, Gustafsson K, Linder J, **Svedberg P**, Alexanderson K. The actions of the social insurance agency regarding long-term sickness absentees before and after a medical assessment – a study of 384 case files. *Disabil Rehabil*. 2015;37(18):1683-91.
  53. Lundh G, Gustafsson K, Linder J, **Svedberg P**, Alexanderson K, Marklund S. Associations between prognosed future work capacity among long-term sickness absentees and their actual work incapacity two years later. *Work*. 2014;49:245-55. PMID:24004785.
  54. Mather L, Bergström G, Blom V, **Svedberg P**. The covariation between burnout and sick leave due to mental disorders is explained by a shared genetic liability: a

- prospective Swedish twin study with a five year follow-up. *Twin Research Human Genetics*. 2014; 17(6):535-544. doi:10.1017/thg.2014.46. PubMed PMID: 25091089.
55. Mather L, Blom V, **Svedberg P**. Stressful and traumatic life events are associated with burnout - a cross-sectional twin study. *International Journal of Behavioral Medicine*. 2014; 21(6): 899-907.
  56. Björkenstam E, Narusyte J, Alexanderson K, Ropponen A, Kjeldgård L, **Svedberg P**. Associations between childbirth, hospitalization and disability pension: a cohort study of female twins. *Plos ONE*. 2014;9(7): e101566. doi:10.1371/journal.pone.0101566.
  57. Ropponen A, **Svedberg P**, Koskenvuo M, Silventoinen K, Kaprio J. Physical work load and psychological stress of daily activities as predictors of disability pension due to musculoskeletal disorders. *Scandinavian Journal of Public Health*. 2014;42(4):370-376.
  58. Blom V, Sverke M, Bodin L, Bergström G, Lindfors P, **Svedberg P**. Work-home interference and burnout: A study based on Swedish twins. *Journal of Occupational and Environmental Medicine*. 2014;56(4): 361-6.
  59. **Svedberg P**, Blom V, Narusyte J, Bergström G, Bodin L, Hallsten L. Genetic and environmental influences on performance based self-esteem in a population-based cohort of Swedish twins. *Self & Identity*. 2014, 13(2): 243-256.
  60. Ropponen A, Alexanderson K, **Svedberg P**. Part-time work or social benefits as predictors for disability pension. A prospective study of Swedish twins, *International Journal of Behavioral Medicine*. 2014 Apr;21(2):329-36. DOI:10.1007/s12529-013-9303-4. *Erratum in Int J Behav Med*. 2014 Feb;21(1):210.
  61. Narusyte J, Ropponen A, Alexanderson K, **Svedberg P**. The role of familial factors in the associations between sickness absence and disability pension or mortality. *European J of Pub Health*. 2014 Feb;24(1):106-10.
  62. Ropponen A, **Svedberg P**. Single and additive effects of health behaviours on the risk for disability pensions among Swedish twins. *European Journal of Public Health*. 2014;24(4):643-8.
  63. Ropponen A, Korhonen T, **Svedberg P**, Koskenvuo M, Silventoinen K, Kaprio J. Persistent smoking as a predictor of disability pension due to musculoskeletal diagnoses: a 23 year prospective study of Finnish twins. *Preventive Medicine* 2013; 57(6):889-93.
  64. **Svedberg P**, Eriksson M, Boman E. Associations between scores of psychosomatic health symptoms and health-related quality of life in children and adolescents. *Health and Quality of Life Outcomes*. 2013, 11:176.
  65. Ropponen A, Samuelsson Å, Alexanderson K, **Svedberg P**. Registry-based data of psychosocial working conditions and occupational groups as predictors of disability pension due to musculoskeletal diagnoses: a prospective cohort study of 24 543 Swedish twins. *BMC Musculoskeletal Disorders* 2013, **14**:268.
  66. Blom V, Bodin L, Bergström G, Hallsten L, **Svedberg P**. The Importance of Genetic and Shared Environmental Factors for the Associations between Job Demands, Control, Support and Burnout. *PLoS ONE*. 2013;8(9): e75387.
  67. Samuelsson Å, Ropponen A, Alexanderson K, **Svedberg P**. A prospective cohort study of disability pension due to mental diagnoses: the importance of health factors and behaviors. *BMC Public Health*. 2013, 13:621.
  68. Ropponen A, **Svedberg P**, Kalso E, Koskenvuo M, Silventoinen K, Kaprio J. A prospective twin cohort study of disability pensions due to musculoskeletal diagnoses in relation to stability and change in pain. *PAIN*. 2013;154:1966–1972. *Online: 24-MAY-2013 DOI information: 10.1016/j.pain.2013.05.029*
  69. Ropponen A, Silventoinen K, Hublin C, **Svedberg P**, Koskenvuo M, Kaprio J. Sleep patterns as predictors for disability pension due to low back diagnoses: a 23 year

- longitudinal study of Finnish twins, *Sleep*. 2013 Jun 1;36(6):891-7. doi: 10.5665/sleep.2718.
70. Kärkkäinen S, Pitkäniemi J, Silventoinen K, **Svedberg P**, Huunan-Seppälä A, Koskenvuo K, Koskenvuo M, Alexanderson K, Kaprio J, Ropponen A. Disability pension due to musculoskeletal diagnoses: importance of work-related factors in a prospective cohort of Finnish twins. *Scandinavian Journal of Work, Environment and Health*. 2013 Jul 1;39(4):343-50. doi: 10.5271/sjweh.3345.
  71. Samuelsson Å, Alexanderson K, Ropponen A, **Svedberg P**. Psychosocial working conditions, occupational groups and risk of disability pension due to mental diagnoses: a prospective population-based cohort study of 43 000 Swedish twins. *Scandinavian Journal of Work, Environment and Health*. 2013 Jul 1;39(4):351-60. doi: 10.5271/sjweh.3338.
  72. Gustafsson K, Lundh G, **Svedberg P**, Linder J, Alexanderson K, Marklund S. Psychological factors related to return to work among long-term sickness absentees who have undergone a multidisciplinary medical assessment. *J Rehabil Med*. 2013 Feb;45(2):186-91.
  73. Naimi-Akbar A, **Svedberg P**, Alexanderson K, Carlstedt-Duke B, Ekstrand J, Sandborgh Englund G. Health related quality of life and symptoms in patients with experiences of health problems related to dental restorative materials. *Community Dentistry and Oral Epidemiology*. 2013 Apr;41(2):163-72. doi: 10.1111/cdoe.12002. PubMed PMID: 22963525.
  74. Ropponen A, Silventoinen K, **Svedberg P**, Alexanderson K, Huunan-Seppälä A, Koskenvuo K, Koskenvuo M, Kaprio J. Effects of work and lifestyle on risk for future disability pension due to low back diagnoses: a 30-year prospective study of Finnish twins. *J Occup Environ Med*. 2012 Nov;54(11):1330-6.
  75. Naimi-Akbar A, **Svedberg P**, Alexanderson K, Ekstrand J, Sandborgh Englund G. Reliance on social security benefits by Swedish patients with ill-health attributed to dental fillings: a register-based cohort study. *BMC Public Health*. 2012, 12(1):713.
  76. **Svedberg P**, Ropponen A, Alexanderson K, Lichtenstein P, Narusyte J. Genetic Susceptibility to Sickness Absence is Similar Among Women and Men: Findings From a Swedish Twin Cohort. *Twin Research and Human Genetics*. 2012; Oct;15(5):642-8. doi:10.1017/thg.2012.47
  77. 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. *Journal of Psychosomatic Research*. 2012 Oct;73(4):289-94.
  78. Samuelsson Å, Alexanderson K, Ropponen A, Lichtenstein P, **Svedberg P**. Incidence of disability pension and associations with sociodemographic factors in a Swedish twin cohort. *Soc Psychiatry Psychiatr Epidemiol*. 2012; 47(12): 1999-2009 [Epub ahead of print Mar 20].
  79. Blom V, Bergström G, Hallsten L, Bodin L, **Svedberg P**. Genetic susceptibility to burnout in a Swedish twin cohort. *European Journal of Epidemiology*. 2012;27(3):225-231. DOI: 10.1007/s10654-012-9661-2
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