

## **Curriculum Vitae Kristin Farrants**

Division of Insurance Medicine, Department of Clinical Neuroscience

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### **Overview**

I am an assistant professor at the Division of Insurance Medicine, Department of Clinical Neuroscience, Karolinska Institutet, Sweden. My research interests are in the area of sickness absence, specifically sickness absence among people of higher ages in the workforce, psychosocial work environment and sickness absence, as well as sickness absence among white-collar and blue-collar workers, in general and in the trade and retail industry. I obtained my doctoral degree from Durham University, on the topic of changing welfare states and health inequalities.

### **Current position**

2020 - Assistant professor, Division of Insurance Medicine, Department of Clinical Neuroscience, Karolinska Institutet, Sweden

### **Previous positions**

2016 - 2020 Postdoc, Division of Insurance Medicine, Department of Clinical Neuroscience, Karolinska Institutet, Sweden  
2015 Research Assistant in Health Inequalities, Department of Geography, Durham University, Great Britain

### **Education**

2012-2016 Ph.D. Health Studies, Durham University  
2011-2012 M.Sc. Policy Studies, University of Edinburgh  
2008-2011 B.A. Sociology, Durham University

### **Main research grants**

*As main applicant*

- Vetenskapsrådet, “Morbidity among older women and men in paid work when aged 66-70 or >70 years, among all and specifically for the health and social care sector; prospective population-based cohort studies”, 2023-2025; 3 000 000 SEK.
- Forte, “Gender differences among people aged 66-70 and above 70 years, respectively, regarding being in paid work and about their morbidity and sickness absence; prospective population-based cohort studies”, 2022-2025; 5 610 000 SEK.
- AFA Insurance, “Sickness absence among blue-collar workers in the trade industry in relation to the Covid-19 pandemic: prospective cohort studies”, 2021-2024; 3 763 000 SEK.
- Forte, “Health and morbidity among people in paid work after normal pension age: a systematic literature review”, 2020-2021; 740 000 SEK.

- Handelsrådet's Autumn Call, "Sickness absence among white-collar employees in trade: prospective cohort studies", 1 1793 850 SEK. Oct 2019-Sep 2021.
- Forte International Grant 2019, incoming researcher, "Psychosocial working conditions, emotional demands, and sickness absence: using job exposure matrices on large population registers", 272 000 SEK. Jul 2019-Jun 2020.
- Handelsrådet's planning grant for working environment in the trade industry, "Sickness absence among white-collar employees in trade: a prospective cohort study", 100 000 SEK. Sep 2018-Dec 2019.
- Forte Working Life Research 2017, post doc grant, "Sick leave among those in paid work aged above 65: cohort studies of the Swedish total population", 2 000 000 SEK. Dec 2017-Nov 2019.
- Durham Doctoral Studentship, tuition fees, living stipend, training costs. Oct 2012-Sep 2015.

*As co applicant*

- Forte Challenges in Working Life 2019, network grant, "The interdisciplinary research network for working life and ageing (IDEAR)", 590 000 SEK. Jul 2019-Jun 2021.
- Vetenskapsrådet, infrastructure grant, "REWHARD - National infrastructure for research about social relations, work and health across the life course"

**Supervision of Ph.D. students who defended their thesis**

20230526

Linnea Kjeldgård, KI, co-supervisor

**Reviewer for international scientific journals**

Social Science and Medicine

Journal of Public Health

BMJ Open

Clinical Epidemiology

Journal of Occupational Medicine and Toxicology

**Teaching experience**

2022

Supervisor, Master dissertations, Specialist nursing programme, Red Cross University College

2022-

Examiner, Master dissertations, Specialist nursing programme, Red Cross University College

2022-

Examiner, Undergraduate dissertations, Nursing programme, Red Cross University College

2019-

Lecturer, Research Methodology 2 (statistics), Scandinavian College of Chiropractics

2018-

Examiner, Masters Theses, Master programme in Public Health, Karolinska Institutet

2013-2015

Tutor, Medicine in the Community year 1 and year 2,  
Durham University

## Publications

### Articles in international peer-reviewed journals

1. Farrants K, Dervish J, Marklund S, Alexanderson K. Health and Morbidity among People in Paid Work after 64 Years of Age: A Systematic Review. *Social Sciences & Humanities Open*. Accepted 2023.
2. Framke E, Alexanderson K, Sørensen JK, Pedersen J, Madsen IE, Rugulies R, Farrants K. Emotional demands and all-cause and diagnosis-specific long-term sickness absence: a prospective cohort study in Sweden. *European Journal of Public Health*. 2023. Online ahead of print. DOI: 10.1093/eurpub/ckad072.
3. Bergsten EL, Stigson H, Kjeldgård L, Farrants K, Friberg E. Fall and collision related injuries among pedestrians, sickness absence and associations with accident type and occupation. *Journal of Safety Research*. Accepted 2023.
4. Kjeldgård L, Stigson H, Bergsten EL, Farrants K, Friberg E. Diagnosis-specific sickness absence among injured working-aged pedestrians: a sequence analysis. *BMC Public Health* 2023; 23(1): 367. DOI: 10.1186/s12889-023-15259-w.
5. Gémes K, Heikkilä K, Alexanderson K, Farrants K, Mittendorfer-Rutz E, Virtanen, M. Working life sequences over the life course among 9269 women and men in Sweden; a prospective cohort study. *PLoS One* 2023; 18(2): e0281056. DOI: 10.1371/journal.pone.0281056.
6. Farrants K, Alexanderson K. Sickness Absence and Disability Pension in the Trade and Retail Industry: A Prospective Cohort Study of 192,000 White-Collar Workers in Sweden. *Journal of Occupational and Environmental Medicine* 2022; 64(11): 912-919. DOI: 10.1097/JOM.0000000000002634.
7. Wijkander M, Farrants K, Hanson LLM. Exposure to work-related violence and/or threats of violence as a predictor of certified sickness absence due to mental disorders: a prospective cohort study of 16,339 Swedish men and women in paid work. *International Archives of Occupational and Environmental Health* 2022; 96(2): 225-236. DOI: 10.1007/s00420-022-01917-w.
8. Farrants K, Alexanderson K. Trajectories of sickness absence and disability pension days among 189,321 white-collar workers in the trade and retail industry; a 7-year longitudinal Swedish cohort study. *BMC Public Health* 2022; 22(1): 1592. DOI: 10.1186/s12889-022-14005-y.
9. Sørensen JK, Framke E, Pedersen J, Alexanderson K, Bonde JP, Farrants K, Flachs EM, Magnusson Hanson LL, Nyberg ST, Kivimäki M, Madsen IEH, Rugulies R. Work stress and loss of years lived without chronic disease: an 18-year follow-up of 1.5 million employees in Denmark. *European Journal of Epidemiology*. 2022; 64(6): 451-457. DOI: 10.1007/s10654-022-00852-x.
10. Ropponen A, Wang M, Farrants K, Narusyte J, Svedberg P. Psychosocial working conditions and subsequent sickness absence - effects of pain and common mental disorders in a population-based Swedish twin sample. *Journal of Occupational and Environmental Medicine* 2022; 64(6): 451-457. DOI: 10.1097/JOM.0000000000002501.
11. Farrants K, Head J, Alexanderson K. Trends in associations between sickness absence before the age of 65 and being in paid work after the age of 65: prospective study of three total population cohorts. *Journal of Aging & Social Policy*. 2022; 3: 1-24. DOI: 10.1080/08959420.2021.2022950.

12. Serra L, Farrants K, Alexanderson K, Ubalde M, Lallukka T. Trajectory analyses in insurance medicine studies: Examples and key methodological aspects and pitfalls. *PLoS One* 2022; 17(2): e0263810. DOI: 10.1371/journal.pone.0263810.
13. Martikainen A, Alavi Svensson A, Alexanderson K, Farrants K. Associations of sickness absence and disability pension due to mental and somatic diagnoses when aged 60–64 with paid work after the standard retirement age; a prospective population-based cohort study in Sweden. *BMC Public Health* 2022; 21: 2322. 2021. DOI: 10.1186/s12889-021-12382-4.
14. Farrants K, Head J, Framke E, Rugulies R, Alexanderson K. Associations between combinations of job demands and job control among 616,818 people aged 55-64 in paid work with their labour market status 11 years later: a prospective cohort study. *International Archives of Occupational and Environmental Health* 2021; 95(1): 169-185. DOI: 10.1007/s00420-021-01717-8.
15. Wang M, Svedberg P, Narusyte J, Farrants K, Ropponen A. Effects of age on psychosocial working conditions and future labour market marginalisation – a cohort study of 56 867 Swedish twins. *International Archives of Occupational and Environmental Health* 2021; 95(1): 199-211. DOI: 10.1007/s00420-021-01704-z
16. Framke E, Sørensen JK, Alexanderson K, Farrants K, Kivimäki M, Nyberg S, Pedersen J, Madsen I, Rugulies R. Emotional demands at work and risk of long-term sickness absence in 1.5 million employees in Denmark: a prospective cohort study on effect modifiers. *The Lancet Public Health* 2021; 6(10): E752-E759. DOI: 10.1016/S2468-2667(21)00185-7
17. Holm J, Frumento P, Almondo G, Gémes K, Bottai M, Alexanderson K, Friberg E, Farrants K. Predicting the duration of sickness absence due to knee osteoarthritis: a prognostic model developed in a population-based cohort in Sweden. *BMC musculoskeletal disorders* 2021; 22(1): 603. DOI: 10.1186/s12891-021-04400-8.
18. Farrants K, Alexanderson K. Sickness absence among privately employed white-collar workers: a total population study in Sweden. *Scandinavian Journal of Public Health* 2021; 49(2): 159-167. Doi: 10.1177/1403494820934275.
19. Rugulies R, Framke E, Sorensen JK, Svane-Petersen AC, Alexanderson K, Bonde JP, Farrants K, Flachs EM, Hanson LLM, Nyberg ST, Kivimaki M, Madsen IEH. Persistent and changing job strain and risk of coronary heart disease. A population-based cohort study of 1.6 million employees in Denmark. *Scandinavian Journal of Work Environment & Health* 2020; 46(5): 498-507. DOI: 10.5271/sjweh.3891
20. Framke E, Sørensen JK, Andersen PK, Svane-Petersen AC, Alexanderson K, Bonde JP, Farrants K, Flachs EM, Hanson LLM, Nyberg ST, Villadsen E, Kivimäki M, Rugulies R, Madsen IEH. Contribution of income and job strain to the association between education and cardiovascular disease in 1.6 million Danish employees. *European Heart Journal* 2020; 41(11): 1164-1178. DOI: 10.1093/eurheartj/ehz870.
21. Farrants K, Norberg J, Framke E, Rugulies R, Alexanderson K. Job Demands and Job Control and Future Labor Market Situation: An 11-year Prospective Study of 2.2 Million Employees. *Journal of Occupational and Environmental Medicine* 2020; 62(6): 403-411. DOI: 10.1097/JOM.0000000000001859.
22. Salonen S, Alexanderson K, Framke E, Rugulies R, Niemelä M, Farrants K. Combinations of Job Demands and Job Control and Future Trajectories of Sickness Absence and Disability Pension: An 11-year Follow up of 2 Million Employees in Sweden. *Journal of Occupational and Environmental Medicine* 2020; 62(10): 795-802. DOI: 10.1097/JOM.0000000000001919.
23. Farrants K, Friberg E, Sjölund S, Alexanderson K. Trajectories of future sickness absence and disability pension days among individuals with a new sickness absence

- spell due to osteoarthritis diagnosis  $\geq 21$  days: a prospective cohort study with 13-month follow-up. *BMJ Open* 2019; 9(8): e030054. DOI: 10.1136/bmjopen-2019-030054.
24. Norberg J, Alexanderson K, Framke E, Rugulies R, Farrants K. Job demands and control and sickness absence, disability pension and unemployment among 2,194,692 individuals in Sweden. *Scandinavian Journal of Public Health* 2019; 48(2): 125-133 DOI: 10.1177/1403494819846367.
  25. Farrants K, Friberg E, Sjölund S, Alexanderson K. Work Disability Trajectories Among Individuals with a Sick-Leave Spell Due to Depressive Episode  $\geq 21$  Days: A Prospective Cohort Study with 13-Month Follow Up. *Journal of Occupational Rehabilitation* 2018; 28(4): 678-690. DOI: 10.1007/s10926-017-9751-9.
  26. Farrants K, Marklund S, Kjeldgård L, Head J, Alexanderson K. Sick leave among individuals in paid work after age 65; a Swedish population-based study covering 1995, 2000, 2005, and 2010. *Scandinavian Journal of Public Health* 2018; 46(3): 297-305. DOI: 10.1177/1403494817731487.
  27. Farrants K, Marklund S, Kjeldgård L, Head J, Alexanderson K. Sick leave before and after the age of 65 among those in paid work in Sweden in 2000 or 2005: a register-based cohort study. *Journal of International Medical Research* 2018; 46(2): 464-577. DOI: 10.1177/0300060517734744.
  28. Farrants K, Bamba C. Neoliberalism and the recommodification of health inequalities: A case study of the Swedish welfare state 1980 to 2011. *Scandinavian Journal of Public Health* 2018; 46(1): 18-26. DOI: 10.1177/1403494817709191.
  29. Farrants K. Recommodification and the social determinants of health: unemployment benefits, pensions and health inequalities in Sweden and England, 1991–2011. *Journal of Public Health* 2017; 39(4): 661-667. DOI: 10.1093/pubmed/fdx001.
  30. Farrants K, Bamba C, Nylén L, Kasim A, Burström B, Hunter D. The recommodification of healthcare? A case study of user charges and inequalities in access to healthcare in Sweden 1980-2005. *Health Policy* 2017; 121(1): 42-49. DOI: 10.1016/j.healthpol.2016.11.005.
  31. Farrants, K., Bamba, C., Nylén, L., Kasim, A., Burström, B., and Hunter, D. Recommodification, Unemployment, and Health Inequalities: Trends in England and Sweden 1991-2011. *International Journal of Health Services* 2016; 46(2): 300-24. DOI: 10.1177/0020731416637829.

### Scientific reports

1. Farrants K, Alexanderson K, Dervish J, Marklund S. 2022. *Hälsa och sjuklighet bland personer som förvärvsarbetar efter 64 års ålder: en systematisk litteraturoversikt*. [Health and morbidity among people in paid work after 64 years of age: a systematic literature review, in Swedish]. Stockholm, Karolinska Institutet. ISBN 978-91-8016-693-5.
2. Farrants K, Alexanderson K. 2022. *Sjukfrånvaro bland privatanställda tjänstemän, 2012-2018*. [Sickness absence among white-collar workers, 2012-2018, in Swedish]. Stockholm, Karolinska Institutet. ISBN 978-91-8016-494-8.
3. Farrants K, Alexanderson K. 2022. *Sammanfattning av rapport Sjukfrånvaro bland privatanställda tjänstemän, 2012-2018*. [Summary of report Sickness absence among white-collar workers, 2012-2018, in Swedish]. ISBN 978-91-8016-495-5.
4. Farrants K, Alexanderson K. 2022. *Sjukfrånvaro bland tjänstemän i handeln*. [Sickness Absence among White-Collar Workers in the Trade and Retail Industry, in Swedish]. Stockholm, Handelsrådet. ISBN: 978-91-86508-78-4.

5. Farrants K, Sondén A, Nilsson K, Alexanderson K. 2018. *Sjukfrånvaro bland privatanställda tjänstemän*. [Sickness absence among privately employed white-collar workers, in Swedish]. Stockholm, Karolinska Institutet. ISBN 978-91-7549-353-4.
6. Farrants K, Sondén A, Nilsson K, Alexanderson K. 2018. *Sammanfattning 2017 av rapport om Sjukfrånvaro bland privatanställda tjänstemän*. [Summary 2017 of report on Sickness absence among privately employed white-collar workers, in Swedish]. Stockholm, Karolinska Institutet. ISBN 978-91-7676-051-2.

#### *Doctoral Thesis*

Farrants, K. 2016. *Recommodification of the Social Determinants of Health*. Durham University. <http://etheses.dur.ac.uk/11375/>