

**Department of Clinical Neuroscience**  
Division of Insurance Medicine

## **Curriculum Vitae – Linnea Kjeldgård – born in 1985**

### **Education**

Master of Science: Mathematics Uppsala University 2009  
Major: Mathematical statistics  
Minor: computer science

### **Current position**

Statistician, Karolinska Institutet, Stockholm, since 2009  
Department of Clinical Neuroscience,  
Division of Insurance Medicine

PhD-student, Karolinska Institutet, Stockholm, since 2016  
Department of Clinical Neuroscience,  
Division of Insurance Medicine

## **Publications**

### *Articles*

1. Farrants K, Marklund, 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;46:297-305.
2. Ohlin M, Kjeldgård L, Elrud R, Stigson H, Alexanderson K, Friberg E. Duration of sickness absence following a bicycle crash, by injury type and injured body region; a nationwide register-based study. *Journal of Transport & Health*. 2018;9:275-81. doi.org/10.1016/j.jth.2018.01.011
3. Elrud E, Stigson H, Ohlin M, Alexanderson K, Kjeldgård L, Friberg E. Sickness absence among passenger car occupants following a crash. *IRCOBI Conference Proceedings, 2017, IRC-17-18, s. 79-90, ISSN 2235-3151*.
4. Farrants K, Kjeldgård L, Marklund S, Head J, Alexanderson K. Sick leave before and after the age of 65 years among those in paid work in Sweden in 2000 or 2005: a register-based cohort study. *Journal of International Medical Research*. 2017. DOI: 10.1177/0300060517734744.
5. 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*. 2017; In press
6. Hulvej Rod N, Kjeldgård L, Åkerstedt T, Ferrie JE, Salo P, Vahtera J, Alexanderson K. Sleep apnea, disability pension and cause-specific

- mortality: a nationwide register linkage study. *Am J Epidemiol*. 2017 May 18; doi: 10.1093/aje/kwx138.
7. Virtanen M, Ervasti J, Mittendorfer-Rutz E, Lallukka T, Kjeldgård L, Friberg E, Kivimäki M, Lundström E, Alexanderson K. Work disability before and after a major cardiovascular event: a ten-year study using nationwide medical and insurance registers. *Sci Rep*. 2017 Apr 25;7(1):1142
  8. Olsson M, Nilsson M, Fugl-Meyer K, Petersson LM, Wennman-Larsen A, Kjeldgård L, Alexanderson K. Life satisfaction of women of working age shortly after breast cancer surgery. *Qual Life Res*. 2017 Mar;26(3):673-684.
  9. Rantonen O, Alexanderson K, Pentti J, Kjeldgård L, Hämmäläinen J, Mittendorfer-Rutz E, Kivimäki M, Vahtera J, Salo P. Trends in work disability with mental diagnoses among social workers in Finland and Sweden in 2005-2012. *Epidemiol Psychiatr Sci*. 2016 Sep 9:1-11.
  10. Bondesson T, Petersson LM, Wennman-Larsen A, Alexanderson K, Kjeldgård L, Nilsson M. A study to examine the influence of health professionals' advice and support on work capacity and sick leave after breast cancer surgery. *Supportive Care in Cancer* 2016; 24(10): 4141-4148.
  11. Ervasti J, Virtanen M, Lallukka T, Pentti J, Kjeldgård L, Mittendorfer-Rutz E, Tinghög P, Alexanderson K. Contribution of comorbid conditions to the association between diabetes and disability pensions: a population-based nationwide cohort study. *Scandinavian Journal of Work, Environment and Health* 2016; 42(3):209-216.
  12. Lallukka T, Ervasti J, Mittendorfer-Rutz E, Tinghög P, Kjeldgård L, Pentti J, Virtanen M, Alexanderson K. The joint contribution of diabetes and work disability to premature death during working age: a population-based study in Sweden. *Scandinavian Journal of Public Health* 2016; 44:580-6.
  13. 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 6323 Swedish Twins. *Scandinavian Journal of Public Health* 2016;44(1):98-105.
  14. 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; 54(2):379-387.
  15. 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. DOI: 10.1136/bmjopen-2014-006033
  16. Ervasti J, Virtanen M, Mittendorfer-Rutz E, Tinghög P, Lallukka T, Kjeldgård L, Pentti J, Alexanderson K. Work disability before and after the diagnosis of diabetes: A nationwide population-based register study in Sweden. *American Journal of Public Health* 2015; 105(6):22-29.
  17. Halava H, Westerlund H, Korhonen M, Pentti J, Kivimäki M, Kjeldgård L, Alexanderson K, Vahtera J. Influence of retirement on adherence to statins in the Insurance Medicine All-Sweden total population data base. *Plos One*, 2015;10(6) e0130901. DOI: 10.1371/journal.pone.0130901.
  18. Ljungquist T, Alexanderson K, Kjeldgård L, Arrelöv B, Nilsson G. Occupational health physicians have better work conditions for handling sickness certification compared to general practitioners: Results from a

- nationwide survey in Sweden. *Scandinavian Journal of Public Health* 2015; 43(1):35-43.
19. Stenholm S, Vahtera J, Kjeldgård L, Kivimäki M, Alexanderson K. Length of sick-leave as a risk marker of hip fracture: a nation-wide cohort study from Sweden. *Osteoporosis International* 2015; 33(3):943-949.
  20. Virtanen M, Ervasti J, Mittendorfer-Rutz E, Tinghög P, Lallukka T, Kjeldgård L, Pentti J, Alexanderson K. Trends of diagnosis-specific work disability after newly diagnosed diabetes: A four-year nationwide prospective cohort study. *Diabetes Care* 2015. Published ahead of print 6 August. DOI:10.2337/dc15-0247
  21. Wilcox H, Mittendorfer-Rutz E, Kjeldgård L, Alexanderson K, Runeson B. Functional impairment due to bereavement after the death of adolescent or young adult offspring in a national population study of 1,051,515 parents. *Social Psychiatry and Psychiatric Epidemiology* 2015. Published ahead of print 1 January. DOI: 10.1007/s00127-014-0997-7
  22. Björkenstam E, Alexanderson K, Narusyte J, Kjeldgård L, Ropponen A, Svedberg P. Associations between childbirth, hospitalization and disability pension: a cohort study of female twins. *PLOS ONE* 2014;9(7)e101566.
  23. Gimeno D, Bültmann U, Benavides F G, Alexanderson K, Abma F I, Ubalde-López M, Roelen C, Kjeldgård L, Delclos G L. Cross-national comparisons of sickness absence systems and statistics: towards common indicators. *European Journal of Public Health*. 2014;24(4)663-6.
  24. Bränström R, Arrelöv B, Gustavsson C, Kjeldgård L, Ljungquist T, Nilsson GH, Alexanderson K. Sickness certification at oncology clinics: perceived problems, support, need for education, and reasons for certifying unnecessarily long sickness absences. *European Journal of Cancer Care* 2014; 23(1):89-97.
  25. Jonsson U, Alexanderson K, Kjeldgård L, Mittendorfer-Rutz E. Psychiatric diagnoses and risk of suicidal behaviour in young disability pensioners: Prospective cohort studies of all 19-23 year olds in Sweden in 1995, 2000, and 2005, respectively. *PLOS ONE*, 2014;9(11)e111618.
  26. Bränström R, Arrelöv B, Gustavsson G, Kjeldgård L, Ljungquist T, Nilsson G, Alexanderson K. Reasons for and factors associated with issuing sickness certificates for longer periods than necessary: results from a nationwide survey of physicians. *BMC Public Health* 2013; 13:478. DOI: 10.1186/1471-2458-13-478.
  27. Gustavsson C, Kjeldgård L, Bränström R, Lindholm C, Ljungquist T, Nilsson G.H., Alexanderson K. Problems experienced by gynecologists/obstetricians in sickness certification consultations. *ACTA Obstetrica et Gynecologica*. 2013 (92)1007-16.
  28. Tinghög P, Wiberg M, Glaser A, Kjeldgård L, Hillert J, Alexanderson K. High prevalence of sickness absence and disability pension among multiple sclerosis patients; a nationwide population-based study. *Multiple Sclerosis Journal* 2013; 19(4): 1923-1930. DOI:10.1177/1352458513488234
  29. Jonsson U, Alexanderson K, Kjeldgård L, Westerlund H, Mittendorfer-Rutz E. Diagnosis-specific disability pension predicts suicidal behaviour and mortality in young adults: a nation-wide prospective cohort study. *BMJ Open* 2013; 3:e002286. Doi:10.1136/bmjopen-2012-002286.

30. Nilsson GH, Arrelöv B, Lindholm C, Ljungquist T, Kjeldgård L, Alexanderson K. Psychiatrists' work with sickness certification: frequency, experiences and severity of the certification tasks in a national survey in Sweden. *BMC Health Services Research* 2012; 12:362
31. Mittendorfer-Rutz E, Kjeldgård L, Runeson B, Perski A, Melchior M, Head J, Alexanderson K. Sickness absence due to specific mental diagnoses and all-cause and cause-specific mortality: a cohort study including 4.9 million inhabitants of Sweden. *PLoS ONE* 2012(9): e45788  
doi:10.1371/journal.pone.0045788
32. Winde L, Alexanderson K, Carlsen B, Kjeldgård L, Löfgren Wilteus A and Gjesdal S. General practitioners' experiences with sickness certification: A comparison of survey data from Sweden and Norway. *BMC Family Practice*. 2012, 13:10 doi:10.1186/1471-2296-13-10

#### *Articles in Swedish peer reviewed scientific journals*

1. Jonsson U, Mittendorfer-Rutz E, Kjeldgård L, Alexanderson K. Suicidalt beteende bland unga med aktivitetsersättning. *Socialmedicinsk tidskrift* 2013, nr 5: 705-714.
2. Tinghög P, Hillert P, Kjeldgård L, Wiberg M, Glaser A, Alexanderson K. Stor brist på kunskap om sjukfrånvaro bland personer med MS. *Neurologi i Sverige* 2013;4:24-27.

#### *Reports*

1. Alexanderson K, Arrelöv B, Bränström R, Gustavsson C, Hinas E, Kjeldgård L, Ljungquist T, Nilsson G. Läkares erfarenheter av arbete med sjukskrivning. Resultat från en enkätstudie 2012 och jämförelser med 2008 och 2004. Sektionen för försäkringsmedicin, Karolinska Institutet, 2013. (ISBN 978-91-981256-0-3)
2. Alexanderson K, Arrelöv B, Gustavsson C, Hinas E, Kjeldgård L, Ljungquist T. Läkares erfarenheter av arbete med sjukskrivning i Stockholm. Resultat från en enkätstudie år 2012 och jämförelser med 2008 och 2004. Rapport 2013. Sektionen för försäkringsmedicin, Karolinska Institutet, 2013. (ISBN 978-91-981256-2-7)
3. Alexanderson K, Björkenstam E, Kjeldgård L, Narusyte J, Ropponen A, Svedberg P. Barnafödande, sjuklighet och sjukfrånvaro: en studie av tvillingsystrar. Sektionen för försäkringsmedicin, Karolinska Institutet, 2013. (ISBN 978-91-981256-9-6)
4. Jonsson U, Mittendorfer-Rutz E, Kjeldgård L, Alexanderson K. Unga vuxna med aktivitetsersättning: risk för suicidförsök och suicid. Underlagsrapport nr 13 till den parlamentariska socialförsäkringsutredningen (S 2010:04) SOU 2013.
5. Kjeldgård L, Alexanderson K. Läkares arbete med sjukskrivning i Västernorrlands län. Sektionen för försäkringsmedicin, Karolinska Institutet, 2013.
6. Marklund S, Kjeldgård L, Alexanderson K. Sjukskrivning efter 65 år ålder. Underlagsrapport nr 14 till den parlamentariska socialförsäkringsutredningen (S 2010:04) SOU 2013.

7. Mittendorfer Rutz E, Kjeldgård L, Wikman A, Alexanderson K. Sjukskrivning i psykiska diagnoser och risk för att få sjuk- eller aktivitetsersättning eller för förtida död. Sektionen för försäkringsmedicin, Karolinska Institutet. 2011.
8. Lindholm C, Mittendorfer Rutz E, Hinas E, Kjeldgård L, Alexanderson K. Samband mellan sjuk- och aktivitetsersättning och risk för förtida död bland kvinnor och män. Sektionen för försäkringsmedicin, Karolinska Institutet. 2011.
9. Lindholm C, Ringbäck Weitof G, Mittendorfer Rutz E, Kjeldgård L, Alexanderson K. Sjukskrivning och risk för förtida död bland kvinnor och män. Sektionen för försäkringsmedicin, Karolinska Institutet. 2011.
10. Mittendorfer Rutz E, Alexanderson K, Kjeldgård L, Wikman A. Sjukskrivning och risk för framtida sjuk- och aktivitetsersättning bland kvinnor och män. Sektionen för försäkringsmedicin, Karolinska Institutet. 2011.
11. Wikman A, Kjeldgård L, Marklund S, Alexanderson K. Korta sjukskrivningsfall och risk för framtida sjukskrivning respektive sjuk- eller aktivitetsersättning. Sektionen för försäkringsmedicin, Karolinska Institutet. 2011.
12. Lindholm C, Hinas E, Kjeldgård L, Alexanderson K. Läkares arbete med sjukskrivning - resultat från Gävleborgs län. Sektionen för försäkringsmedicin, Karolinska Institutet. 2010.
13. Lindholm C, Hinas E, Kjeldgård L, Alexanderson K. Läkares arbete med sjukskrivning - resultat från Kalmar län. Sektionen för försäkringsmedicin, Karolinska Institutet. 2010.
14. Kjeldgård L, Ekmer A, Vaez M, Alexanderson K. Sjukfrånvaro bland kvinnor och män inom Polismyndigheten i Stockholms län. Sektionen för försäkringsmedicin, Karolinska Institutet. 2010.
15. Kjeldgård L. Beyond PPV – interval quantification of decision uncertainty at the level of individual samples. Examensarbete i matematisk statistik, Phadia AB, Uppsala och matematiska institutionen, Uppsala universitet 2009.Handledare: Mats Gustafsson, Uppsala Universitet och Katarina Hedman, Phadia AB.

### Abstract

1. Kjeldgård L, Ohlin M, Elrud R, Stigson H, Alexanderson K, Friberg E. Bicycle crashes and sickness absence - A nationwide Swedish cross-sectional study. 10th European Public Health Conference, Stockholm, Sweden, 1-4 November 2017.
2. Lallukka T, Ervasti J, Mittendorfer-Rutz E, Tingham P, Kjeldgård L, Pentti J, Virtanen M, Alexanderson K. Work disability and premature death among Swedes with and without diabetes: A population-based study. 8th European Public Health Conference; Milan, Italy, 14-17 October 2015.
3. Ljungquist T, Kjeldgård L, Arrelöv B, Nilsson GH, Alexanderson K. Occupational physicians have better prerequisites for handling sickness certification cases, compared to other physicians - results from a nation-wide survey in Sweden. 6th European Public Health Conference, Brussels, Belgium, 13-16 November 2013.
4. Jonsson U, Alexanderson K, Kjeldgård L, Westerlund H, Mittendorfer-Rutz E. Diagnosis-specific disability pension predicts suicidal behaviour and mortality in young adults: a nation-wide cohort study. European Journal of Public Health, 22

- suppl. 2, p.118-119. 5th European Public Health Conference, Malta, 7-11 November 2012.
5. Tingshög P, Kjeldgård L, Hillert J, Alexanderson K. Sickness absence and disability pension among Multiple Sclerosis patients in Sweden. *European Journal of Public Health*, 22 suppl. 2, p.215. 5th European Public Health Conference, Malta, 7-11 November 2012.
  6. Winde LD, Alexanderson K, Carlsen B, Kjeldgård L, Löfgren Wilteus A, Gjesdal S. A comparison of Norwegian and Swedish general practitioners' experiences with sickness certification. *European Journal of Public Health*, 22 suppl. 2, p.207-208. 5th European Public Health Conference, Malta, 7-11 November 2012.
  7. Tingshög P, Kjeldgård L, Hillert J, Alexanderson K. Sickness absence and disability pension among Multiple Sclerosis patients in Sweden. 28th Congress of the European Committee of Treatment and Research in Multiple Sclerosis, Lyon, France, 10-13 October 2012.
  8. Mittendorfer-Rutz E, Kjeldgård L, Alexanderson K. Sickness absence due to mental diagnoses and risk of premature death: a nationwide, Swedish, prospective cohort study. 4th European Public Health Conference, Copenhagen, Denmark, 9-12 November 2011.