

Department of Clinical Neuroscience
Division of Insurance Medicine

Curriculum Vitae – Chantelle Murley

Education

- 2017 – **MSc Masters of Medical Sciences, Public Health Sciences, Karolinska Institutet, Sweden.**
Track: Health economics, policy and management
- Thesis project: “Disposable income over time of people with multiple sclerosis: A nationwide register-based study in Sweden.”
- 2015 – **LLB (Hons) Bachelor of Laws with Honours, University of Auckland, New Zealand. Exchange semester Stockholms Universitet, Sweden.**
- Dissertation project: “Drop, Cover, Hold: Material damage clause interpretation and policy-holder protection in light of the Canterbury Earthquakes.”
 - Honours seminar project: “Does the Gillick competency test apply to minors in New Zealand, given the special nature of sexual health care services?”
 - See: Murley, Chantelle. "Does the Gillick competency test apply in New Zealand, given the special nature of sexual health care services?" (2013) 1 Public Interest Law Journal of New Zealand 92.
- 2015 – **BHSc Bachelor of Health Sciences, University of Auckland, New Zealand.**
- Major: Population Health

Current position

- 2018 – **Doctoral (PhD) student, Division of Insurance Medicine, Department of Clinical Neurosciences, Karolinska Institutet, Sweden.**
- Thesis project: “The socioeconomic burden of MS: Economic situation, healthcare costs and productivity losses among working-aged people diagnosed with MS in Sweden”

Earlier positions

- 2017-2018 Research assistant in the “Sickness absence, health and life situation” research group, Division of Insurance Medicine, Karolinska Institutet
- 2017 Policy research contractor, PHARMAC pharmaceutical reimbursement agency, New Zealand
- 2016 Policy intern, PHARMAC pharmaceutical reimbursement agency, New Zealand

Publications

Publications in peer reviewed journals

- **Murley C**, Tinghög P, Karampampa K, Hillert J, Alexanderson K, Friberg E. Types of working-life sequences among people recently diagnosed with multiple sclerosis in Sweden: A nationwide register-based cohort study. *BMJ Open. In Press.*
- Bütepage G, Esawi A, Alexanderson K, Friberg E, **Murley C**, Hillert J, Karampampa K. Cost-of-illness trajectories among people with multiple sclerosis by comorbidity: A register-based prospective study in Sweden. *Mult Scler J Exp Transl Clin.* October 2020. doi:10.1177/2055217320968597
- **Murley C**, Karampampa K, Alexanderson K, Hillert J, Friberg E. Diagnosis-specific sickness absence and disability pension before and after multiple sclerosis diagnosis: An 8-year nationwide longitudinal cohort study with matched references. *Mult Scler Relat Disord.* 2020;42:102077. doi:10.1016/j.msard.2020.102077
- **Murley C**, Friberg E, Hillert J, Alexanderson K, Yang F. Validation of multiple sclerosis diagnoses in the Swedish National Patient Register. *Eur J Epidemiol.* 2019 Sep 6; 34:1161-9. doi: 10.1007/s10654-019-00558-7.
- Gyllensten H, Kavaliunas A, **Murley C**, Alexanderson K, Hillert J, Tinghög P, Friberg F. Costs of illness progression for different multiple sclerosis phenotypes: A population-based study in Sweden. *Mult Scler J Exp Transl Clin.* 2019 Jun 28;5(2):2055217319858383. doi: 10.1177/2055217319858383. eCollection 2019 Apr-Jun.
- Wiberg M, **Murley C**, Tinghög P, Alexanderson K, Palmer E, Hillert J, Stenbeck M, Friberg E. Earnings among people with multiple sclerosis compared to references, in total and by educational level and type of occupation: a population-based cohort study at different points in time. *BMJ Open.* 2019 Jul 11;9(7):e024836. doi: 10.1136/bmjopen-2018-024836.
- Karampampa K, Gyllensten H, Yang F, **Murley C**, Friberg E, Hillert J, Alexanderson K. Healthcare, sickness absence, and disability pension cost trajectories in the first 5 years after diagnosis with multiple sclerosis: A prospective register-based cohort study in Sweden. *Pharmacoecon Open.* 2019 Jun 11;4: 91-103. doi: 10.1007/s41669-019-0150-3.
- **Murley C**, Yang F, Gyllensten H, Alexanderson K, Friberg E. Disposable income trajectories of working-aged individuals with diagnosed multiple sclerosis. *Acta Neurol Scand.* 2018. 138(6): 490-499.
- **Murley C**, Mogard O, Wiberg M, Alexanderson K, Karampampa K, Friberg E, Tinghög P. Trajectories of disposable income among people of working ages diagnosed with multiple sclerosis: a nationwide register-based study in Sweden 7 years before to 4 years after diagnosis with a population-based reference group. *BMJ Open.* 2018. 8(5): e020392.

Abstracts accepted and presented at international conferences

- **Murley C**, Tinghög P, Karampampa K, Hillert J, Alexanderson K, Friberg E. Patterns of working life sequences among people recently diagnosed with MS in Sweden: A

nationwide register-based longitudinal cohort study. ISPOR Europe 2020; Virtual, 14-18 November 2020.

- **Murley C**, Karampampa K, Alexanderson K, Hillert J, Friberg E. Diagnosis-specific sickness absence and disability pension before and after multiple sclerosis diagnosis with a matched reference group: a Swedish study. European Union for Medicine in Assurance and Social Security (EUMASS) Congress; Basel, Switzerland, 17-19 September 2020.
- **Murley C**, Tinghög P, Karampampa K, Hillert J, Alexanderson K, Friberg E. Patterns of working life sequences among people recently diagnosed with MS in Sweden: A nationwide register-based longitudinal cohort study. European Health Economics Association (EuHEA) Conference; Oslo, Norway, 7-10 July 2020.
- Wiberg M, **Murley C**, Tinghög P, Alexanderson K, Palmer E, Hillert J, Stenbeck M, Friberg E. Earnings among people with multiple sclerosis in Sweden, by education and occupation. 12th European Public Health (EPH) Conference; Marseille, France, 20-23 November 2019.
- **Murley C**, Friberg E, Hillert J, Alexanderson K, Yang F. Validation of the multiple sclerosis diagnosis codes of patients aged 16-64 years recorded in the Swedish National Patient Register in 2001-2013 by two sequential register-based case-definition algorithms. 35th Congress of the European Committee for Treatment and Research in Multiple Sclerosis (ECTRIMS); Stockholm, Sweden, 11-13 September 2019.
- **Murley C**, Karampampa K, Hillert J, Alexanderson K, Friberg E. Diagnosis-specific sickness absence and disability pension in the years before and after multiple sclerosis diagnosis: an 8-year nationwide cohort study with a matched reference group. 35th Congress of the European Committee for Treatment and Research in Multiple Sclerosis (ECTRIMS); Stockholm, Sweden, 11-13 September 2019.
- Karampampa K, Gyllensten H, **Murley C**, Kavaliunas A, Alexanderson K, Manouchehrinia A, Hillert J, Olsson T, Friberg E. Disability and cost of illness trajectories among people with MS initiating early vs late with disease modifying MS therapies: a register-based study in Sweden. 35th Congress of the European Committee for Treatment and Research in Multiple Sclerosis (ECTRIMS); Stockholm, Sweden, 11-13 September 2019.
- Bütepage G, Esawi A, Alexanderson K, Friberg E, **Murley C**, Hillert J, Karampampa K. Cost trajectories of healthcare, sickness absence, and disability pension among newly diagnosed people with MS: A register-based longitudinal study in Sweden analysing the cost of illness trajectories of MS by comorbidity groups. 35th Congress of the European Committee for Treatment and Research in Multiple Sclerosis (ECTRIMS); Stockholm, Sweden, 11-13 September 2019.
- **2018 ISPOR**, Barcelona, Spain - Karampampa K, Gyllensten H, Yang F, **Murley C**, Friberg E, Hillert J, Alexanderson K. Healthcare, sickness absence, and disability pension cost trajectories in five years following MS diagnosis: Register-based prospective cohort studies in Sweden. Value in Health. 2018 21; S335-S335.
- **2018 ECTRIMS**, Berlin, Germany – Murley C, Yang F, Gyllensten H, Alexanderson K, Friberg E. Disposable income trajectories of working-aged people with a multiple



sclerosis diagnosis: A Swedish register-based cohort study. *Multiple Sclerosis Journal*. 2018 24; 571-572.

- **2018 ECTRIMS**, Berlin, Germany – Karampampa K, Gyllensten H, Yang F, **Murley C**, Friberg E, Hillert J, Alexanderson K. Cost progression regarding healthcare, sickness absence, and disability pension among people newly diagnosed with MS: a register-based longitudinal study in Sweden estimating cost trajectories in four cohorts of incident MS cases over time. *Multiple Sclerosis Journal*, 2018 24; 164-165.
- **2017 EPH**, Stockholm, Sweden – Murley C, Mogard O, Wiberg M, Alexanderson K, Karampampa K, Tinghög P. Disposable Income of people with Multiple Sclerosis over time: A nationwide registry study in Sweden. *European Journal of Public Health*, 2017 27(Suppl 3).

Grants in my own name

KI FONDER Travel grant 2018: 5000 SEK

ECTRIMS 2019 Scientific Programme Committee Travel Grant (Free Registration)

KI FONDER Travel grant 2020: 8000 SEK

Awards

Töres Theorell Young Investigator Award 2019, Awarded by the Stockholm Stress Center
1st October 2019.