

## CURRICULUM VITAE

March 2024

**Name** Erik Elldér  
**Born** February 9, 1985  
**Nationality** Swedish

### Current position

Senior lecturer 2020-07-01 –  
Human Geography unit  
Department of Economy and Society  
School of Business, Economics and Law, University of Gothenburg  
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### Research interests

Human mobility studies, Everyday travel behavior, Accessibility, Time use, GIS and quantitative methods, Urban planning

### Degrees

2020 Associate Professor (Docent), Human Geography, University of Gothenburg  
2016 PhD, Human Geography, University of Gothenburg. *Pass obtained at public defense of doctoral thesis 2015-06-12. All courses for doctors degree passed 2016-01-21.*  
2010 Master, Human and Economic Geography, University of Gothenburg. *Pass with distinction*  
2010 Master, Environmental Science with a specialization in Environmental Planning, University of Gothenburg. *Pass with distinction*  
2004 Senior high school, Natural Science program, Hvitfeldtska gymnasiet, Gothenburg

### Research related employments and internships

Department of Economy and Society, University of Gothenburg  
2016-2020 Associate senior lecturer (30 % teaching)  
2016 PhD student (20 % teaching)  
2015 PhD student (50%), Lecturer (temporary position) (50%)

Department of Human and Economic Geography, University of Gothenburg  
2011-2014 PhD student (17 % teaching)  
2010-2011 Research assistant  
2009 Internship

## **Extended periods of interruptions**

2011-2014    5 months of parental leave (child 1)  
2018-2019    10 months of parental leave (child 2)  
2020-2021    11 months of parental leave (child 3)

## **Teaching experience**

>6000 clock hours – includes lecturing, supervision, computer labs, seminars, examination, course responsibility and course development

### *Main teaching areas*

GIS, Quantitative methods and statistics, Mobility and transport geography

### *Course responsibility*

KGG203 – Geographical Information Systems 1 - Introduction to spatial planning (bachelor level, 7.5 higher education credits)

KGG135 – Geographical Information Systems 2 - Methods of spatial analysis (bachelor level, 7.5 higher education credits)

KGG136 – Geographical Information Systems 3 - Project (bachelor level, 7.5 higher education credits)

KGG211 – Environment and physical planning (bachelor level, 7.5 higher education credits)

GE0400 – Geographic Information Systems (7.5 higher education credits, part of Geography: Introductory Level 30 credits)

KGA131 – Qualitative and Quantitative Geographical Method (Master level, 7.5 higher education credits)

NGN200 – Geographical Information Systems III (Master level, 7.5 higher education credits)

## **PhD supervision**

Evangelos Vafeiadis (co-supervisor since December 2019)

## **Selected assignments**

### *Member of examination committees, PhD- theses*

Dept. of Architecture and Civil Engineering, Chalmers University of Technology, Sweden (2023)

Dept. of Economy and Society, University of Gothenburg, Sweden (2022)

Dept. of Transport Science, Royal University of Technology, Sweden (2018)

### *Opponent: final PhD seminar*

Dept. of Architecture and Civil Engineering, Chalmers University of Technology, Sweden (2022)

### *Opponent: PhD planning seminar*

Institute of Geography and Sustainability, University of Lausanne, Switzerland (2022)

### *Opponent: technical reports*

Gothenburg Centre for Sustainable Development, Sweden (2022)

*Reviewer: international research journals*

Accident Analysis and Prevention, Applied Geography, BMC Public Health, Environment and Planning B, Cities, Geografiska Annaler Series B: Human Geography, International Journal of Sustainable Transportation, Journal of Planning Education and Research, Journal of Rural Studies, Journal of Transport Geography, Journal of Transport and Health, Journal of Urban Mobility, New Media and Society, Research in Transportation Economics, Transport findings, Transportation, Transportation research part A, Transportation research interdisciplinary perspectives, Transportmetrica A: Transport Science, Travel Behavior and Society, Urban Geography, Urban Studies

*Reviewer: research proposals*

Israel Science Foundation (2022)

National Science Center Poland: Arts, Humanities and Social Sciences Panel (2020)

Swiss National Science Foundation: Humanities and Social Sciences division (2019)

*Board member*

Center for Regional Analysis, University of Gothenburg (2022 –)

Department of Economy and Society, University of Gothenburg (2022 –)

**Research grants (>500 000 SEK, peer reviewed and in competition)**

2022-2026: Formas (Swedish Research Council for Sustainable Development), 2 591 048 SEK.

*“Stadens närhet: till vad och för vem? Den hållbara tillgänglighetens långsiktiga utveckling och sociala fördelning i svenska stadsregioner* [Urban proximity: to what and for whom? The long-term development and social distribution of sustainable accessibility in selected Swedish urban regions]. Project leader and sole applicant.

2019-2023: Forte (Swedish Research Council for Health, Working Life and Welfare), 4 707 357 SEK. *“Åldrandets tid. Generationsvisa förändringar i äldres aktivitetsmönster betydelsefulla för hälsa och välfärd”* [Ageing times. Understanding generational changes in elderly’s time use with implications for health and wellbeing]. With Bertil Vilhelmson (project leader) and Eva Thulin.

2017-2022: Forte (Swedish Research Council for Health, Working Life and Welfare), 1 600 000 SEK. *”Distansarbetets spridning, acceptans och praktik. Analyser av de rumsligt flexibla arbetsformernas snabba expansion i Sverige 2005-2014”* [The changing acceptance and practice of telework. Analyzing the expansion of flexible work in Sweden 2005 - 2014]. Project leader and sole applicant.

2017-2020: Energimyndigheten (Swedish Energy Agency), 2 255 325 SEK. *“Hur, var och när förtätning av städer leder till ett energieffektivt resande”* [How, where and when urban densification leads to energy-efficient daily travel]. Project leader, with Katarina Haugen and Bertil Vilhelmson.

2017: Adlerbertska Forskningsstiftelsen (510 000 SEK). *”När räcker det lokala? Den täta staden och det hållbara resandet”* [When are local amenities enough? Compact development and sustainable travel]. Project leader and sole applicant.

**Bibliometric summary**

Citations in google scholar: 888. H-index in google scholar: 16. Articles in peer-reviewed journals: 27. Book chapters: 3. Books: 1. Conference contributions: 28.

## PUBLICATIONS

### *Articles in international journals (peer review)*

1. **Elldér, E.**, (2024). Built environment and the evolution of the “15-minute city”: A 25-year longitudinal study of 200 Swedish cities. *Cities* 149
2. Vafeiadis, E., **Elldér, E.**, (2024). When is Perceived Accessibility Over-or Underestimated by Accessibility Indicators?. *Findings*
3. **Elldér, E.**, Vilhelmson, B., Thulin, E. (2023). ”Is a car necessary for active aging? Relationships between aging, car use, and time spent on activities that sustain health and well-being”. *Transportation Research Interdisciplinary Perspectives* 22
4. Rivera Olsson, S., **Elldér, E.** (2023). ”Are bicycle streets cyclist-friendly? Micro-environmental factors for improving perceived safety when cycling in mixed traffic”. *Accident Analysis & Prevention* 184
5. Vilhelmson, B., Thulin, E., & **Elldér, E.** (2022). “Time change in the distribution of physical activity and its correlates among retired older Swedish adults: a repeated cross-sectional study from a national survey”. *BMC Public Health* 22
6. Birgier, D., Lundh, C., Haberkfeld, Y., & **Elldér, E.** (2022). ” Movers and Stayers: A Study of Emigration from Sweden 1993–2014”. *European Journal of Population* 38
7. **Elldér, E.** (2022). “Active travel and telework in Sweden: Teleworkers walk more, but cycle less” *Transportation Research Part D: Transport and Environment* 109
8. Larsson, A., **Elldér, E.**, Vafeiadis, E., Curtis, C., & Steiner, A. (2022). “Exploring the potential for sustainable accessibility across settlement types. A Swedish case” *Transportation Research Part D: Transport and Environment* 107
9. Thulin, E., Vilhelmson, B., & **Elldér, E.** (2022). “Fading togetherness? Exploring generational changes in shared time use among the older population in Sweden.” *Archives of Gerontology and Geriatrics* 101
10. **Elldér, E.** Haugen, K. & Vilhelmson, B. (2022). ”When local access matters: A detailed analysis of place, neighborhood amenities and travel choice”. *Urban Studies* 59(1)
11. Vilhelmson, B., Thulin, E., & **Elldér, E.** (2022). “Is ageing becoming more active? Exploring cohort-wise changes in everyday time use among the older population in Sweden” *European Journal of Ageing* 19(3)
12. Vilhelmson, B., & **Elldér, E.** (2021). “Realizing proximity in times of deregulation and densification: Evaluating urban change from a welfare regime perspective”. *Journal of Transport Geography* 94
13. **Elldér, E.** (2020). “Telework and Daily Travel: New Evidence from Sweden”. *Journal of Transport Geography* 86
14. Haberkfeld, Y., Birgier, D. P., Lundh, C., & **Elldér, E.** (2020). “Migration across developed countries: German immigrants in Sweden and the US”. *International Migration* 58(6)
15. **Elldér, E.** (2020). “What kind of compact development makes people drive less? The ‘Ds of the built environment’ versus neighborhood amenities”. *Journal of Planning Education and Research* 40(4)
16. Haberkfeld, Y., Birgier, D. P., Lundh, C. & **Elldér, E.** (2019). ”Selectivity and internal migration: A study of refugees’ dispersal policy in Sweden”. *Frontiers in Sociology* 4
17. **Elldér, E.** (2019). “Who is Eligible for Telework? Exploring the Fast-Growing Acceptance of and Ability to Telework in Sweden, 2005–2006 to 2011–2014”. *Social Sciences* 8(7)
18. Curtis, C., **Elldér, E.**, & Scheurer, J. (2019). “Public Transport Accessibility Tools Matter: A case study of Gothenburg, Sweden”. *Case Studies on Transport Policy* 7(1)
19. Vilhelmson, B., **Elldér, E.**, & Thulin, E. (2018). “What did we do when the Internet wasn’t around? Variation in free-time activities among three young-adult cohorts from 1990/1991, 2000/2001, and 2010/2011”. *New Media & Society* 20(8)

20. Birgier, D. P., Lundh, C., Haberfeld, Y., & **Eldér, E.** (2018). "Self-selection and host country context in economic assimilation of political refugees in US, Sweden and Israel". *International Migration Review* 52(2)
21. **Eldér, E.**, Larsson, A., Gil Solá, A., & Vilhelmson, B. (2018). "Proximity changes to what and for whom? Investigating sustainable accessibility change in the Gothenburg city region 1990–2014". *International Journal of Sustainable Transportation* 12(4)
22. Vilhelmson, B., Thulin, E., & **Eldér, E.** (2017). "Where does time spent on the Internet come from? Tracing the influence of ICT use on daily activities". *Information, Communication and Society* 20(2)
23. **Eldér, E.** (2017). "Does Telework Weaken Urban Structure–Travel Relationships?" *Journal of Transport and Land Use* 10(1)
24. **Eldér, E.** (2014). "Residential Location and Daily Travel Distances: The Influence of Trip Purpose". *Journal of Transport Geography* 34
25. **Eldér, E.** (2014). "Commuting Choices and Residential Built Environments in Sweden, 1990–2010: A Multilevel Analysis". *Urban Geography* 35(5)
26. Niedomsyl, T., **Eldér, E.**, Larsson, A., Thelin, M., & Jansund, B. (2013). "Learning Benefits of Using 2D Versus 3D Maps: Evidence from a Randomized Controlled Experiment". *Journal of geography* 112(3)
27. **Eldér, E.**, Solá A. G., & Larsson, A. (2012). "Spatial inequality and workplace accessibility: the case of a major hospital in Göteborg, Sweden". *Environment and Planning A* 44(10)

### ***Books and book chapters***

28. **Eldér, E.** (2020). "To travel, or not to travel? Telecommuting, teleshopping, and avoiding the need to travel". Chapter in *Handbook of Sustainable Transport* (2020) eds. Curtis, C. Edward Elgar. pp 81-90
29. Larsson, A., **Eldér, E.**, & Vilhelmson, B. (2019). "Usability of accessibility instruments in regional planning: the case of labour markets and daily commuting in the food sector in Västra Götaland, Sweden". Chapter in "*Designing accessibility instruments. Lessons on their usability for integrated land use and transport planning practices*". (2019) eds. C. Silva, L. Bertolini, N. Pinto. Routledge."
30. **Eldér, E.** (2015). *The changing role and importance of the built environment for daily travel in Sweden* (doctoral thesis). Gothenburg: Departments of Geography, University of Gothenburg. Supervisor: Prof. Bertil Vilhelmson. Discussant/opponent: Prof. Petter Næss, Norwegian University of Life Sciences.
31. Larsson, A., **Eldér, E.**, and Vilhelmson, B. (2014). "Accessibility Atlas to analyse regional accessibility to labour in the food sector". In *COST Action TU1002 – Assessing Usability of Accessibility Instruments*, edited by Brömmelstroet, M., Silva, C., and Bertolini, L., 115–121. Amsterdam: European Cooperation In Science and Technology, COST Office.

### ***Articles in professional journals***

32. **Eldér, E.** (2018). "Leder förtätning till ett minskat bilresande?" [Does compact development result in reduced car use?]. *PLAN* nr 2-3, 2018.

## Reports

33. Birgier, D. P., Lundh, C., Haberfeld, Y., & **Eldér, E.** (2021). *Stayers and Movers: A study on emigration from Sweden 1990-2014*. Lund papers in economic demography 2021:5
34. Haberfeld, Y., Birgier, D., Lundh, C., & **Eldér, E.** (2017). *Economic assimilation of immigrants arriving from highly developed countries: The case of German immigrants in Sweden and the US*. IFAU, Uppsala. IFAU Working paper 2017:26.
35. Haberfeld, Y., Birgier, D., Lundh, C., & **Eldér, E.** (2017). *Självselektion och mottagningskontext: en studie av tyska invandrades ekonomiska assimilering i Sverige och USA* [Self selection and context of reception: a study of the economic assimilation of German immigrants in Sweden and the US]. IFAU, Uppsala. IFAU Rapport 2017:22.
36. **Eldér, E.** (2016). *Temarapport: Tillgänglighetsanalys och Geografiska informationssystem 2015*. CRA, Handelshögskolan vid Göteborgs universitet. Working Papers 2016:1.
37. Larsson, A., **Eldér, E.**, Vilhelmson, B. (2014). *Geografisk tillgänglighet* [Geographical accessibility]. Working Papers in Human Geography 2014:1. Göteborg: Göteborgs Universitet.
38. Larsson, A., **Eldér, E.**, Vilhelmson, B. (2014). *Tillgänglighet, mobilitet och IT-baserade tillgänglighetsverktyg för kollektivtrafikplanering* [Accessibility, mobility and IT-based accessibility instruments for public transport planning]. Working Papers in Human Geography 2014:3. Göteborg: Göteborgs Universitet.
39. Larsson, A., & **Eldér, E.** (2014). "Accessibility Tool for Road and Public Transport Travel Time Analysis in Västra Götaland." In COST Action TU 1002: Collecting accessibility instruments and improving their usability for planning practices, (<http://www.accessibilityplanning.eu/>)
40. Larsson, A., **Eldér, E.**, Ernstson, U., & Fransson, U. (2012). *Analysverktyg för tillgänglighetsberäkning med bil och kollektivtrafik i Västra Götaland. Slutrapport* [Analysis tool for calculation of accessibility by car and public transport in Västra Götaland. Final report]. Gothenburg: Department of Human and Economic Geography, University of Gothenburg.
41. Larsson, A., **Eldér, E.**, Ernstson, U., & Fransson, U. (2011). *Tillgänglighetsatlas över Västra Götaland* [Accessibility Atlas of Västra Götaland]. Gothenburg: Department of Human and Economic Geography, University of Gothenburg.
42. **Eldér, E.**, Larsson, A. (2010). *Visualizing Transport Flows. A GIS based approach*. Institutionen för kulturgeografi och ekonomisk geografi. Handelshögskolan vid Göteborgs Universitet. Occasional Papers 2010:2

## Conference contributions

43. Vafeiadis, E., **Eldér, E.** (2023). "Factors influencing experienced accessibility for different modes and trip purposes". Royal Geographical Society (with IBG) Annual International Conference, August 29 to September 1 2023, London
44. **Eldér, E.** (2023). "Chrono urbanism beyond the metropolis? Exploring the 15-minute in 100 Swedish cities over 25 years". *9th EUGEO Congress, September 4th -7th 2023, Barcelona* (presenter)
45. **Eldér, E.** (2022). "Vardagens rörlighet i förändring. Hållbara resvanor, omgivningsstruktur och distansarbete i Sverige". *Forskarkonferens Storstad och periferi efter pandemin*, 10–12 oktober 2022, Högbo Bruk, Sverige (presenter)
46. **Eldér, E.** (2022). "Does telework lead to more walking and cycling? Analyzing the associations between telework and active travel in Sweden". *NECTAR Cluster 4 Workshop: Teleworking, commuting and the housing market in the post COVID19 era*, March 17-18,

Marne-la-Vallée, France (presenter)

47. Vilhelmson, B., Thulin, E., & **Eldér, E.** (2021). "Is ageing becoming more active? Exploring cohort-wise changes in everyday time use among the older population in Sweden" *International Association for Time Use Research (IATUR) 43rd Annual Conference, Barcelona, 26-29 Oct. 2021*
48. Larsson, A., Eldér, E., Vafeiadis, E., Curtis, C., & Steiner, A. (2021). «A multi-modal, multi-activity, multi-scalar analysis for sustainable accessibility planning". *World Symposium on Transport and Land Use Research 2021, Portland, Oregon, USA, August 9-13, 2021 - 2021-01-01*
49. Birgier, D. P., Lundh, C., Haberkfeld, Y., & **Eldér, E.** (2021). "Selectivity in emigration: the case of migration from Sweden". *ISA RC28 Spring Meeting 2021 University of Turku, Finland June 2-4 2021*
50. **Eldér, E.**, Haugen, K., & Vilhelmson, B. (2019). "Hur, var och när förtätning av städer leder till ett energieffektivt resande". *Energimyndighetens programkonferens för transportforskning inom transporteffektivt samhälle, October 30-31 2019 in Stockholm, Sweden.* (presenter)
51. Haugen, K., **Eldér, E.**, & Vilhelmson, B. (2018). "When does urban densification encourage proximity-oriented mobility patterns?". *AESOP Annual Congress, July 10-14 2018 in Gothenburg, Sweden.*
52. Scheurer, J., Curtis, C., Barr, A., & **Eldér, E.** (2018). "Supply-side and demand-side planning for public transport – is there scope for fruitful integration?". *AESOP Annual Congress, July 10-14 2018 in Gothenburg, Sweden.*
53. Haberkfeld, Y., Birgier, D., Lundh, C., & **Eldér, E.** (2017). "Economic assimilation of immigrants arriving from highly developed countries: The case of German immigrants in Sweden and the US". *RC28 Summer Meeting 2017: Increasing mobility and reducing inequality: What guidance is provided by sociological research?, New York city, USA, August 8-10, 2017.*
54. **Eldér, E.** (2017). When are local amenities enough? Sustainable travel and trade-offs between local and regional access. *Nordic Geographers Meeting, Stockholm, June 18th–21st 2017* (presenter)
55. Haberkfeld, Y., Lundh, C., Birgier, D., & **Eldér, E.** (2016). Economic assimilation of immigrants arriving from highly developed countries: The case of German immigrants in Sweden and the US. *IFAU seminar, Uppsala, Sweden, November 9, 2016*
56. Thulin, E., Vilhelmson, B., & **Eldér, E.** (2016). Changes in young people's use of time and space due to increased virtual mobility. *2nd International Time-Geography Conference, Linköping, Sweden, 21-13 September 2016*
57. Haberkfeld, Y., Lundh, C., Birgier, D., & **Eldér, E.** (2016). Selectivity and internal migration: A study of refugees' dispersal policy in Sweden. *RC28 Summer Meeting 2016: Economic inequalities, deprivation, and poverty, Bern, Switzerland, August 29–31, 2016*
58. Haberkfeld, Y., Lundh, C., Birgier, D., & **Eldér, E.** (2016). Selectivity and internal migration: A study of refugees' dispersal policy in Sweden. *The 18th Nordic Migration Conference, Oslo, Norway, August 11-12, 2016*
59. Henning, M., Larsson, A., & **Eldér, E.** (2016). "Worker's spatial and sectorial mobility after manufacturing plant closure. The case of region Västra Götaland, Sweden". *Regional Science Association annual conference, 3-6 April 2016, Graz, Austria*
60. **Eldér, E.** (2015). "Leder distansarbete till försvagade samband mellan bebyggelsestruktur och resor i vardagen?" *Nationell konferens i transportforskning, Karlstad, 21 oktober 2015* (presenter)
61. Birgier, D. P., Lundh, C., Haberkfeld, Y., & **Eldér, E.** (2015). "Self-selection and economic assimilation of immigrants from Argentina and Chile to the US, Sweden and Israel, 1973–1985". *RC 28, Social Inequality, Cohesion and Solidarity" 28-30 May, Tilburg*
62. Henning, M., Larsson, A., & **Eldér, E.** (2015). "Is there such a thing as an intra-regional brain

- drain? A study of firm closure and individual's movement in the manufacturing sector in Region Västra Götaland". *5:th NoRSA Conference, 15-6 January, Grimstad, Norway*
63. **Eldér, E.** (2014). "Does telework weaken urban structure-travel relationships?". *NECTAR Cluster 4 #11; Commuting, Migration, Housing and Labour Market Meeting, June 12-13, Sigtuna, Sweden* (presenter)
  64. Larsson, A., & **Eldér, E.** (2014). "Providing the Bigger Picture: Implementation of Accessibility Instruments in Planning Practice in Region Västra Götaland". *Bridging the implementation gap of Accessibility Instruments and Planning Support Systems', CITTA 7th Annual Conference & COST TU 1002 Final Conference, 23-24 October, Porto*
  65. **Eldér, E.** (2013). "Trends in the Relative Significance of Residential Location and Individual Characteristics on the Distance Between Home and Work in Sweden 1990 - 2010: A Multilevel Modelling Analysis". *Association of American Geographers' Annual Meeting, 9-13 April, Los Angeles* (presenter)
  66. Niedomsyl, T., **Eldér, E.**, Larsson, A., Thelin, M., & Jansund, B. (2012). "Learning Benefits of Using 2D Versus 3D Maps: Evidence from a Randomized Controlled Experiment". *Association of American Geographers' Annual Meeting, 25-29 February, New York* (presenter)
  67. **Eldér, E.** (2011). "The impact of accessibility on the spatial location of housing and jobs: evidence from the Swedish labor market region Borås". *17<sup>th</sup> European Colloquium for Theoretical and Quantitative Geography, 2 – 5 September, Athens* (presenter)
  68. **Eldér, E.** (2011). "The impact of accessibility on the spatial form of functional urban regions: with evidence from Swedish labor market region of Borås". *24th ERSA Summer School 2011: Modelling cities and urban dynamics 4 – 13 July, Luxemburg* (presenter)
  69. **Eldér, E.** (2011). "Transport accessibility by car or public transportation: a GIS-based approach utilizing micro data in the Swedish Västra Götaland region". *Nordic Geographers Meeting, Roskilde, 24th–27th May 2017* (presenter)
  70. **Eldér, E.**, Larsson, A. (2011). "Improving Regional Transport Accessibility Planning: A GIS-based methodology utilizing micro-level register data". *Regional Studies International Conference 18-20 April, Newcastle upon Tyne, UK* (presenter)