

# CURRICULUM VITAE PER THULIN

Division of Economics  
The Royal Institute of Technology  
Lindstedtsvägen 30, 3<sup>rd</sup> floor  
SE-100 44 Stockholm, Sweden

Swedish Entrepreneurship Forum  
Grevgatan 34, 3<sup>rd</sup> floor  
SE-114 53 Stockholm, Sweden

Tel: +46 (0)8 790 95 63  
+46 (0)70 559 66 24

E-mail: [per.thulin@indek.kth.se](mailto:per.thulin@indek.kth.se)  
[per.thulin@entreprenorskapsforum.se](mailto:per.thulin@entreprenorskapsforum.se)

## PERSONAL

Date of birth: November 22, 1963  
Nationality: Swedish

## EDUCATION

INSTITUTION	DEGREE	YEAR
KTH Royal Institute of Technology	PhD	2010
Stockholm University	BSc Econ	1997
Stockholm University	BSc	1995

## CURRENT POSITIONS

- 2019–Present Deputy Director of Studies, KTH Royal Institute of Technology, Department of Industrial Economics and Management.
- 2007–Present Researcher at KTH Royal Institute of Technology.
- 2007–Present Researcher at the Centre of Excellence for Science and Innovation Studies, CESIS.
- 2006–Present Researcher at the Swedish Entrepreneurship Forum.

## PAST POSITIONS

- 2012–2019 Program Director for the Master's Program Economics of Innovation and Growth at KTH Royal Institute of Technology.
- 2010–2012 Director of Studies and researcher at KTH Royal Institute of Technology.
- 2006–2010 PhD student at KTH Royal Institute of Technology.
- 2000–2006 Research assistant at the Centre for Business and Policy Studies, SNS.
- 1997–2000 Research assistant at the Research Institute of Industrial Economics, IFN (IUI).

## TEACHING EXPERIENCE

2018–	Economics, KTH Royal Institute of Technology, Bachelor's level.
2017	Economic Growth: Technology, Investments and Society, KTH Royal Institute of Technology, Master's level.
2014–2016	Globalization and Trade, KTH Royal Institute of Technology, Master's level.
2013–2016	Macroeconomics for Business, KTH Royal Institute of Technology, Master's level.
2012	International Economics, KTH Royal Institute of Technology, Master's level.
2011–2013	Economic Geography, KTH Royal Institute of Technology, Master's level.
2007–2015	Macroeconomics, KTH Royal Institute of Technology, Master's level.
2010	Theory and Methodology of Science, KTH Royal Institute of Technology, Master's level.

## PUBLICATIONS

### A. Published Articles, Peer Reviewed Scientific Journals

- [A.1] 2021, "Taxes, the tax administrative burden and the entrepreneurial life cycle," *Small Business Economics*, Vol. 56(2), pp. 681–694 (co-authors P. Braunerhjelm and J.E. Eklund).
- [A.2] 2020, "Labour market mobility, knowledge diffusion and innovation," *European Economic Review*, Vol. 123(April), (co-authors P. Braunerhjelm and D. Ding).
- [A.3] 2019, "Independent by necessity? The life satisfaction of necessity and opportunity entrepreneurs in 70 countries," *Small Business Economics*, Vol. 53(4), pp. 921–934 (co-author J.P. Larsson).
- [A.4] 2018, "Human capital sorting: the 'when' and 'who' of sorting of talents to urban regions," *Journal of Regional Science*, Vol. 58(3), pp. 581–610 (co-authors L. Ahlin and M. Andersson).
- [A.5] 2018, "The knowledge spillover theory of intrapreneurship," *Small Business Economics*, Vol. 51(1), pp. 1–30 (co-authors P. Braunerhjelm and D. Ding).
- [A.6] 2016, "Labour as a knowledge carrier: how increased mobility influences entrepreneurship," *Journal of Technology Transfers*, Vol. 41(6), pp. 1308–1326 (co-authors P. Braunerhjelm and D. Ding).
- [A.7] 2014, "Market thickness and the early labor market career of university graduates – an urban advantage?" *Spatial Economic Analysis*, Vol. 9(4), pp. 396–419 (co-authors L. Ahlin and M. Andersson).
- [A.8] 2013, "Does spatial employment density spur inter-firm job switching?" *Annals of Regional Science*, Vol. 51(1), pp. 245–272 (co-author M. Andersson).
- [A.9] 2013, "Local multipliers and human capital in the United States and Sweden," *Industrial and Corporate Change*, Vol. 22(1), pp. 339–362 (co-author E. Moretti).

- [A.10] 2012, “Creative destruction and productivity – entrepreneurship by type, sector and sequence,” *Journal of Entrepreneurship and Public Policy*, Vol. 1(2), pp. 125–146 (co-authors P. Braunerhjelm and M. Andersson).
- [A.11] 2008, “Can countries create comparative advantages? R&D expenditures, high-tech exports and country size in 19 OECD-countries, 1981–1999,” *International Economic Journal*, Vol. 22(1), pp. 95–112 (co-author P. Braunerhjelm).
- [A.12] 2008, “Agglomeration, relative wage costs and foreign direct investment – evidence from Swedish MNCs 1974–1998,” *Journal of Industry, Competition and Trade*, Vol. 9(3), pp. 197–217 (co-author P. Braunerhjelm).
- [A.13] 2005, “The relationship between domestic and outward foreign direct investment: the role of industry-specific effects,” *International Business Review*, Vol. 14(6), pp. 677–694 (co-authors P. Braunerhjelm and L. Oxelheim).

## **B. Books and Chapters in Books**

- [B.1] 2021, “Entreprenörskap i Sverige – Nationell GEM-rapport 2021,” *Swedish Entrepreneurship Forum*.
- [B.2] 2021, “Kvinnors entreprenörskap – Hur jämställt är företagandet?” *Swedish Entrepreneurship Forum*.
- [B.3] 2020, “Svensk konkurrenskraft – Hur kan Sverige säkerställa ett långsiktigt välstånd?” Swedish Economic Forum Report 2020 (Editor).
- [B.4] 2020, “Entreprenörskap i Sverige – Nationell GEM-rapport 2020,” *Swedish Entrepreneurship Forum*.
- [B.5] 2019, “Entreprenörskap i Sverige – Nationell GEM-rapport 2019,” *Swedish Entrepreneurship Forum*.
- [B.6] 2019, “Ett företagsamt Sverige? En studie om regionala entreprenöriella aktiviteter, ambitioner och attityd,” Report *Swedish Entrepreneurship Forum*.
- [B.7] 2018, “250 miljarder fattigare! Svensk produktivitetsutveckling 1950–2027,” Policysammanfattning, *Swedish Entrepreneurship Forum*.
- [B.8] 2018, “Entreprenörskap i Sverige – Nationell GEM-rapport 2018,” *Swedish Entrepreneurship Forum*.
- [B.9] 2018, “Svensk konkurrenskraft – Har vi problem med den ekonomiska förnyelseförmågan?” Policysammanfattning, *Swedish Entrepreneurship Forum*.
- [B.10] 2017, “Svensk konkurrenskraft – Har vi problem med den ekonomiska förnyelseförmågan?” *Swedish Economic Forum Report 2017* (Editor).

- [B.11] 2017, "Entreprenörskap i Sverige – Nationell GEM-rapport 2017," *Swedish Entrepreneurship Forum*.
- [B.12] 2016, "Entreprenörskap i Sverige – Nationell rapport 2016," *Swedish Entrepreneurship Forum*.
- [B.13] 2016, "The Entrepreneurial Challenge – A Comparative Study of Entrepreneurial Dynamics in China, Europe and the US – International report 2016," *Swedish Entrepreneurship Forum*.
- [B.14] 2015, "Flytt- eller stannfågel – högre utbildning, dynamik och matchning på Örebro arbetsmarknad," Regionalpolitiskt Forum Rapport #1, *Swedish Entrepreneurship Forum* (co-author J. Eklund).
- [B.15] 2015, "Entreprenörskap i Sverige – Nationell rapport 2015," *Swedish Entrepreneurship Forum*.
- [B.16] 2015, "Entrepreneurial Code – Entrepreneurial climate and prospective growth in Europe and US – International report 2015," *Swedish Entrepreneurship Forum*.
- [B.17] 2015, "Local multiplier and economic base analysis," in M. Andersson and C. Karlsson (eds), *Handbook of Research Methods and Applications in Economic Geography*, Cheltenham, UK and Northampton, MA, USA: Edward Elgar Publishing.
- [B.18] 2014, "Labor market flexibility, growth and innovation: the case of Sweden," in *Swedish Economic Forum Report 2014 – En fungerande arbetsmarknad – nyckeln till innovation och kunskapsdriven tillväxt*, Swedish Entrepreneurship Forum (co-authors P. Braunerhjelm and D. Ding).
- [B.19] 2014, "Entreprenörskap i Sverige – Nationell rapport 2014," *Swedish Entrepreneurship Forum*.
- [B.20] 2014, "Sweden and the United States: differing entrepreneurial conditions require different policies," in *Jubilee Publication of the Swedish Entrepreneurship Forum* (co-authors E.J. Gatewood and P. Greene).
- [B.21] 2013, "Lokala sysselsättningsmultiplikatorer och humankapital i USA och Sverige," in *Swedish Economic Forum Report 2013 – Institutioner och incitament för innovation*, Swedish Entrepreneurship Forum.
- [B.22] 2013, "Entreprenörskap i Sverige – Nationell rapport 2013," *Swedish Entrepreneurship Forum*.
- [B.23] 2012, "Entreprenörskap i Sverige – Nationell rapport 2012," *Swedish Entrepreneurship Forum*.
- [B.24] 2011, "Entreprenörskap i Sverige – Nationell rapport 2011," *Swedish Entrepreneurship Forum*.
- [B.25] 2010, "Karriärrapport 2010 – Karriären och studierna för 1672 KTH-studenter examinerade 2006 och 2007," *KTH Företagssamverkan*.
- [B.26] 2010. *Essays on regional growth, comparative advantages and foreign direct investments*. PhD Dissertation, KTH Royal Institute of Technology.

### C. Research Reports and Working Papers

- [C.1] “Life Satisfaction of Necessity and Opportunity Entrepreneurs in 70 Countries,” Working Paper no. 55 *Swedish Entrepreneurship Forum* (co-author J.P. Larsson).
- [C.2] “Labor Mobility, Knowledge Flows and Innovation,” Working Paper no. 54 *Swedish Entrepreneurship Forum* (co-authors P. Braunerhjelm and D. Ding).
- [C.3] “The Knowledge Spillover Theory of Intrapreneurship – Labor Mobility and Innovation by Firm Size,” Working Paper no. 51 *Swedish Entrepreneurship Forum* (co-authors P. Braunerhjelm and D. Ding).
- [C.4] “Does Innovation Lead to Firm Growth? Explorative versus Exploitative Innovations,” Working Paper no. 46 *Swedish Entrepreneurship Forum* (co-authors P. Braunerhjelm and D. Ding).
- [C.5] “Human Capital Sorting – the ‘when’ and ‘who’ of sorting of talents to urban regions,” Working Paper no. 41 *Swedish Entrepreneurship Forum* (co-authors L. Ahlin and M. Andersson).
- [C.6] “Taxes, the Tax Administrative Burden and the Entrepreneurial Life Cycle,” Working Paper no. 40 *Swedish Entrepreneurship Forum* (co-authors P. Braunerhjelm and J. Eklund).
- [C.7] “Labour as a Knowledge Carrier – How Increased Mobility Influences Entrepreneurship,” Working Paper no. 39 *Swedish Entrepreneurship Forum* (co-authors P. Braunerhjelm and D. Ding).
- [C.8] “Does Labor Mobility Foster Innovation? Evidence from Sweden,” Working Paper no. 30 *Swedish Entrepreneurship Forum* (co-authors P. Braunerhjelm and D. Ding).
- [C.9] “Local Multiplier and Economic Base Analysis,” Working Paper no. 29, *Swedish Entrepreneurship Forum*.
- [C.10] “Local Multipliers and Human Capital in the US and Sweden,” Working Paper no. 13, *Swedish Entrepreneurship Forum* (Co-author E. Moretti).
- [C.11] “Creative Destruction and Productivity – Entrepreneurship by Type, Sector and Sequence,” Working Paper no. 8 *Swedish Entrepreneurship Forum* (co-authors M. Andersson and P. Braunerhjelm).
- [C.12] “Who Does What and Why – Educational and Occupational Choice as a Utility Maximizing Response to Differences in Multidimensional Ability,” Mimeo, Royal Institute of Technology.
- [C.13] 2010, “Labor Mobility, Knowledge Diffusion and Regional Growth,” MICRODYN WP 11/10.
- [C.14] 2009, “Labor Mobility, Knowledge Diffusion and Regional Growth,” CESIS WP 209.

- [C.15] 2008, “Globalisering, arbetskraftens rörlighet och produktivitet,” Research report 23, Globalization Council (co-author M. Andersson).
- [C.16] 1999, “Hur bra är världens bästa pensionssystem?” Handels Utredningsinstitut, Forskningsrapport S37 (co-authors S. Fölster and R. Svensson).

#### **D. In Media and Non-Refereed Articles**

- [D.1] 2021-03-08, “Här är åtgärderna för ett mer jämställt företagande.” Altinget (co-author P. Norlin).
- [D.2] 2018-12-29, “Goda tider för Blekinges entreprenörer,” Sydöstran (co-author P. Braunerhjelm, Y. Skoogberg).
- [D.3] 2018-12-05, “250 miljarder fattigare! Svensk produktivitetsutveckling 1950–2027,” Ekonomisk Debatt, Vol. 8(46), pp. 70–78 (co-author J.E. Eklund).
- [D.4] 2018-11-13, ”Akut behov av reformer,” Dagens Industri (co-author J.E. Eklund).
- [D.5] 2018-09-17, “Global entrepreneurship monitor: Regioner med entreprenörer lockar till sig fler nya företag,” Nerikes Allehanda (co-authors P. Braunerhjelm, C. Holmquist and Y. Skoogberg).
- [D.6] 2018-06-29, “Entreprenörskapet kunde vara bättre,” Nya Wermlands-tidningen (co-authors P. Braunerhjelm, C. Holmquist and Y. Skoogberg).
- [D.7] 2018-01-08, “Allvarliga problem med Sveriges konkurrenskraft,” SVD Näringsliv (co-authors P. Braunerhjelm, D. Brändström, J. Eklund, P. Johansson, C. Ketels, E. Lappi and G. Reitberger).
- [D.8] 2017-08-16, “Råd åt finansdepartementet: Se vikten av entreprenörer och uppfinnare,” Nerikes Allehanda (co-authors P. Braunerhjelm, C. Holmquist and Y. Skoogberg).
- [D.9] 2017-06-12, “Entreprenörsviljan i Södermanland är näst lägst i landet,” Södermanlands Nyheter (co-authors P. Braunerhjelm, C. Holmquist and Y. Skoogberg).
- [D.10] 2017-06-09, “Lägst entreprenörsvilja i Värmland,” Nya Wermlandstidningen (co-authors P. Braunerhjelm, C. Holmquist and Y. Skoogberg).
- [D.11] 2017-06-08, “Svenska entreprenörskapet drivs framåt av kvinnor och äldre,” Göteborgsposten (co-authors P. Braunerhjelm, C. Holmquist and Y. Skoogberg).
- [D.12] 2017-06-08, “Hur står det till med entreprenörskapet i länet?” Norrbottenskuriren (co-authors P. Braunerhjelm, C. Holmquist and Y. Skoogberg).
- [D.13] 2017-06-08, “Entreprenörer är viktiga för tillväxt och arbetstillfällen,” Östersundsposten (co-authors P. Braunerhjelm, C. Holmquist and Y. Skoogberg).

- [D.14] 2016-02-09, "Örebroregionen väl rustad för framtida utmaningar," Nerikes Allehanda (co-author J. Eklund).
- [D.15] 2015-11-23, "Rätt kunskap skärper regioners ställning," Dagens Samhälle (co-authors J. Eklund and P. Tryding).
- [D.16] 2015-02-07, "Förhastat om produktivitet," DI Debatt (co-authors P. Braunerhjelm and J. Eklund).
- [D.17] 2012-11-12, "Industrin är avgörande," DI Debatt (co-authors M. Andersson, P. Braunerhjelm and O. Ejermo).
- [D.18] 2012-06-18, "Allt fler startar eget," SVD Opinion (co-authors P. Braunerhjelm, U.S. Hamilton, C. Holmquist and K. Nyström).
- [D.19] 2010, "Nyföretagande i kristid: Tre kriser, tre förlopp," *Ekonomisk Debatt*, Vol. 38(8), pp. 32–46 (co-author P. Braunerhjelm).
- [D.20] 2008-12-11, "Utflyttning av statliga verk hämmar teknikspridning och tillväxt," DI Debatt (co-author M. Andersson).
- [D.21] 2000, "Kunskapskapital, 'viktlösa varor' och den nya ekonomin," *Ekonomisk Debatt*, Vol. 28(6), pp. 521–528 (co-author P. Braunerhjelm).

### **E. Awards**

- [E.1] "Creative Destruction and Productivity – entrepreneurship by type, sector and sequence," in *Journal of Entrepreneurship and Public Policy*, 2012 was chosen as a Highly Commended Award Winner at the Literati Network Awards for Excellence 2013 (co-authors P. Braunerhjelm and M. Andersson).

### **Referee for**

Annals of Regional Science; CESifo; *Economica*; Economics of Innovation and New Technology; Emerging Markets Finance and Trade; Entrepreneurship Theory and Practice; European Economic Review; Journal of Business Venturing; Journal of Economic Geography; Structural Change and Economic Dynamics; Spatial Economic Analysis; Journal of Development Economics; Industrial and Corporate Change; Industry and Innovation; Journal of Urban Economics; Regional Science and Urban Economics; Regional Studies; Research Policy; Scandinavian Journal of Economics; Review of Development Economics; Journal of Regional Science; Small Business Economics.

## Supervision

*Completed at the master's level*

- Albin Arnelo and Nicole Broberg, (2020), "Agile contracts implementation for companies purchasing embedded systems – the transition from the traditional waterfall model within industrial organisations," KTH Royal Institute of Technology.
- Gabriella Hamilton, (2019), "High risk, high reward? A quantitative study of venture capital investments effect on new business creation," KTH Royal Institute of Technology.
- Julia Zabavina, (2017), "Does quality of education matter? OECD countries case," KTH Royal Institute of Technology.
- Kajsa Mattsson, (2017), "Effects of cultural distance on bilateral trade," KTH Royal Institute of Technology.
- Josephine Marby and Ying Chen, (2017), "Ranking risks and opportunities of African cities: A data-driven model to support MNE's FDI strategies," KTH Royal Institute of Technology.
- Hanna Ihnatovic, (2017), "Predicting the development of the construction equipment market demand using economic indicators: Artificial Neural Networks approach," KTH Royal Institute of Technology.
- Paulina Koski, (2016), "Determinants of the Private Savings Rate in Sweden," KTH Royal Institute of Technology.
- Alexey Titov, (2016), "Regional Economic Diversity and its Effects on Regional Economic Stability: Case of Sweden," KTH Royal Institute of Technology.
- Monica Hörnfeldt, (2015), "The Portfolio Rebalance Effect – Measuring the effects of QE on stock returns," KTH Royal Institute of Technology.
- Anna Norell Bergendahl, (2015), "Cultural Distance and Foreign Direct Investment – Does it Matter for Swedish Firms?" KTH Royal Institute of Technology.
- Dmytro Ponomarov, (2015), "Corruption and Its Influence on GDP Growth," KTH Royal Institute of Technology.
- Jamal Waqar, (2015), "Impact of ICT on GDP per Worker – A New Approach using Confidence in Justice System as an Instrument. Evidence from 41 European Countries 1996–2010," KTH Royal Institute of Technology.
- Kristoffer Peyron, (2015), "Factors of Location Decisions by Foreign R&D Affiliates – A Quantitative Location Decision Analysis," KTH Royal Institute of Technology.
- Sisi Jin, (2013), "Reverse the Question: Does Happiness Raise Economic Output? Evidence from the European Value Survey, 1981–2009," KTH Royal Institute of Technology.
- Zimu Hu, (2012), "Chinese Happiness Index and Its Influencing Factors Analysis," KTH Royal Institute of Technology.
- Lijin Pan, (2012), "Which Factors Explain Stock Returns on the Shanghai Stock Exchange Market? A Panel Data Analysis of a Young Stock Market," KTH Royal Institute of Technology.



*Completed at the PhD level*

Arvid Malm, (2018), “The Absent Entrepreneur” (Main supervisor P. Braunerhjelm), KTH Royal Institute of Technology.

Ding Ding, (2016), “Heterogeneous Innovation and Labour Mobility” (Main supervisor P. Braunerhjelm), KTH Royal Institute of Technology.