

# ACADEMIC CURRICULUM VITAE

Name **STERNBERG, Henrik**  
Email [sternbeh@gmail.com](mailto:sternbeh@gmail.com)  
Phone +1-(515) 357-4177

## PUBLICATIONS

### Journal publications

Sternberg, H., Linan, I., Prockl, G. & Norrman, A. (2022). "Tragedy of the facilitated commons: A multiple case study of failure in systematic horizontal logistics collaboration," *Journal of Supply Chain Management*. Forthcoming.

Sternberg, H., Hofmann, E. & Roeck, D. (2021). "The Struggle is Real: Insights from a Supply Chain Blockchain Case," *Journal of Business Logistics*, Vol. 42, No. 1, pp. 71-87.

Sternberg, H. & Denizel, M. (2021). "Towards the Physical Internet – Logistics service modularity and design implications," *Journal of Business Logistics*, Vol. 42, No. 1, pp. 144-166.

Collignon, S. & Sternberg, H. (2020). "Adoption of Multiple Electronic Marketplaces: Antecedents from a Grounded Theory Study," *Journal of Business Logistics*, Vol. 41, No. 4, pp. 310-333.

Sternberg, H., Hofmann, E. & Overstreet, R. (2020) "Perils of road freight market deregulation: cabotage in the European Union," *International Journal of Logistics Management*, Vol. 35, No. 2, pp. 333-355.

Roeck, D., Sternberg, H. & Hofmann, E. (2020). "Distributed ledger technology and supply chain transactions: A multiple case study," *International Journal of Production Research*, Vol. 58, No. 7, pp. 2124-2141.

Pålsson, H. & Sternberg, H. (2018) "High capacity vehicles and modal shift from rail to road: combining macro and micro analyses". *Best Paper Award winner at LRN*. Hull, UK, Logistics Research Network 2016. *International Journal of Logistics: Research and Applications*, Vol. 21, No. 2, pp. 115-132.

Sternberg, H. & Lantz, B. (2018) Using crowdsourced data to analyze transport crime. *International Journal of Logistics: Research and Applications*, Vol. 21, No. 2, pp. 133-147

Sternberg, H. & Norrman, A. (2017) The Physical Internet – Review, analysis and future research agenda. *International Journal of Physical Distribution & Logistics Management*, Vol. 47, No. 8, pp. 736-762.

Nilsson, F., Sternberg, H. & Klaas-Wissing, T. (2017) Who controls carbon emissions from transport and who cares? Investigating the monitoring of environmental sustainability from a logistics service provider's perspective. *International Journal of Logistics Management*, Vol. 28, No. 3, pp. 798-820.

Sternberg, H. & Harispuru, L. (2017) Identifying root causes of inefficiencies in road haulage: case studies from Sweden, Switzerland and Germany. *International Journal of Logistics: Research and Application*, Vol. 20, No.1, pp. 73-83.

Olhager, J., Pashei, S. & Sternberg, H. (2015) Design of global production and distribution networks: A literature review and research agenda. *International Journal of Physical Distribution & Logistics Management*, Vol. 45, No. 2, pp. 138-158.

Prockl, G. & Sternberg, H. (2015) Counting the minutes: Measuring truck driver time efficiency. *Transportation Journal*, Vol. 54, No. 2, pp. 275-287.

Sternberg, H., Prockl, G. & Holmström, J. (2014) The efficiency potential of ICT in haulier operations. *Computers in Industry*, Vol. 65, No. 8, pp. 1161-1168.

Sternberg, H. & Andersson, M. (2014) Decentralized intelligence in freight transport – A critical review. *Computers in Industry*, Vol. 65, No. 2, pp. 306-313.

Sternberg, H., Germann, T. & Klaas-Wissing, T. (2013) Who controls the fleet? Initial insights into the efficiency of road freight transport planning and control from an industrial network perspective. *International Journal of Logistics: Research and Applications*, Vol. 16, No. 6, pp. 493-505.

Sternberg, H., Nyquist, C. & Nilsson, F. (2012) Enhancing security through efficiency focus—Insights from a multiple stakeholder pilot implementation. *Journal of Business Logistics*, Vol. 33, No. 1, pp. 63-72.

### **Selection of manuscripts in the review process**

Sternberg, H., Mathauer, M. & Hofmann, E. Title anonymized. Revise and resubmit (Minor revisions, 4<sup>th</sup> round) at *Journal of Operations Management*.

Mindel, V., Sternberg, H., Philips, N., Mathiassen, L. & Overstreet, R. Title anonymized. Revise and resubmit (3<sup>rd</sup> round) at *Organization Science*.

### **Selection of work in progress**

Mindel, V., Sternberg, H. & Mathiassen, L. "Legitimation in Data Activism for Sociopolitical Change: The Case of Cross-Border Labor Movement". Paper is ready for submission. Targeting *Journal of Management Information Systems*.

Collignon, S., Sternberg H. & Linan, I. "Unveiling Misconducts in the Trucking Industry". 80% complete. Targeting *Journal of Business Logistics*.

Sternberg, H., Overstreet, R. & Chen, H. "The Paradox of Environmental Sustainability and the Cabotage deregulation," 70% complete. Targeting *Journal of Operations Management*.

Sternberg, H. & Denizel, M. "Bootstrapping the Physical Internet," Analysing collected data. Targeting *Production and Operations Management*.

Siqi, M., Sternberg, & Saldanha, J. "Social transparency in trucking: A driver experiment," Ongoing data collection. Targeting *Journal of Business Logistics*.

### **Selected public investigation**

Sternberg & Andersson (2012), "ITS Freight Roadmap of the Swedish Government's ITS Council", published by the Swedish Traffic Administration. Became the basis for the Swedish ITS strategy.

### **Popular science reports**

Sternberg, H., Filipiak, M., Linan, I. & Ritchie, A. (2021) *Cabotagestudien 2021: Uppdatering och Mobilitetspaket*, Iowa State University.

Sternberg, H., Filipiak, M., Hofmann, E. & Hellström, D. (2015) *Cabotagestudien: A study on trucking deregulation in Scandinavia and beyond*, Lund University, Sweden.

Holmberg, A., Sternberg, H. & Sjögren, J. (2014), *Closer Starfish: A research project investigating freight distribution cooperation opportunities in Sweden*, Lund University, Sweden.

Sternberg, H., Holmberg, A., Lindquist, G. & Prockl, G. (2014), *DK Cabotagestudien: A study on foreign trucks operating in Denmark*, Lund University, Sweden.

### Developed software

*Cabotagestudien* is an advanced information system that collects data through iOS, Android and web apps (see homepage). Since 2020 web app only (go to homepage and click "Start tagging"). The map system displaying truck movements is available at [www.cabotagestudien.com](http://www.cabotagestudien.com). +10,000 users in Scandinavia and Central Europe.

*ReLog* is an innovative Android app for supply chain transparency. The app was tested by Schenker and Intereast. Now hosted by Logtrade. Video description: <https://www.youtube.com/watch?v=nWVdg6KU1MI&t=2s>

*Stardriver* is an innovative Android app for truck driver time use measurements. The app is described in Prockl, G. & Sternberg, H. (2015) Counting the minutes: Measuring truck driver time efficiency. *Transportation Journal*, Vol. 54, No. 2, pp. 275-287. Currently the app is used in research at Volvo trucks, Chalmers University of Technology and in industry, e.g., in Finnish waste haulage companies.

### A small selection of over 700 press appearances

Swedish National Television (Public service) described Dr. Sternberg as "One of the Sweden's leading experts in the area of transport logistics", <http://www.svt.se/ug/prispress-i-onodan>. An interview with Dr. Sternberg was sent on March, 20, 2013 in the program *Uppdrag Granskning*, viewed by approximately 13% of Sweden's population. Dr. Sternberg's research has appeared several times in *Rapport* and *Aktuellt*, Sweden's largest national news programs. Latest appearance (June 2021): <https://www.svt.se/nyheter/inrikes/trots-lagskarpning-hundratalst-lastbilar-kor-illegala-transporter-i-sverige>. Latest appearance (June 2021) in TV4, largest private Swedish channel: <https://www.tv4.se/artikel/3mWH0EqFbqQv8RSnq0CjKP/avsloear-utlaendiska-lastbilsfusk-kostar-staten-300-miljoner>.

### Blog and Pod

"Oracle NetSuite member spotlight: Henrik Sternberg", 2022, by Oracle. <https://academy.oracle.com/en/about-success-spotlight-sternberg.html>

"Cabotage across the pond", 2018, Podcast by T. Dills. <https://www.overdriveonline.com/cabotage-across-the-pond-how-deregulatory-moves-in-eu-led-a-backlash/>.

The most popular author on *Logistikfokus*, with thousands of readers of each popular science article. <http://logistikfokus.se/author/henriksternberg/>. The most downloaded speaker (out of hundreds of episodes) on *Logistikpodden* <http://logistikpodden.se/avsnitt/avsnitt-1-henrik-sternberg/>.

## COMPETITIVE GRANTS

2008 to present

Research grants	Year	Share	US\$
Parking and sustainability (Helsingborg city)	2020	Sole author & project leader	\$7,000
Autonomous distribution (Oracle/SNF)	2020	Sole author & project leader	\$22,000
Cabotagestudien (Elin och Charles Lindleys Foundation)	2019	Sole author & project leader	\$105,000
Richterska Foundation	2017	Sole author & project leader	\$33,000
Digitalized Supply Chains (Vinnova)	2017	Sole author & project leader	\$180,000
Cabotagestudien (Elin och Charles Lindleys Foundation)	2016	Sole author & project leader	\$243,000
Transparent Transport (Vinnova)	2016	Shared authorship	\$239,000
Platooning (UDI A, Vinnova)	2016	One of two authors, researcher	\$50,000
Physical Internet (Closer/Trafikverket)	2015	One of two authors	\$22,000
DG Transparency (MSB)	2015	One of two authors	\$180,000
HITS (MSB)	2014	Sole author & project leader	\$126,000
Arbete i transportnäringen (NO VR)	2014	One of the authors, researcher	\$22,000
Skandinaviska Cabotagestudien (NLA)	2013	Sole author, project leader	\$67,000
Closer Starfish (Trafikverket)	2013	Sole author, project leader	\$56,000
Cabotagestudien (Elin och Charles Lindley's Foundation)	2012	Sole author, project leader	\$310,000
LOGINN (European Commission)	2012	One of the main authors	\$89,000
Logistics for Life (European Commission)	2010	One of the authors, researcher	\$200,000
Intelligent infrastruktur (Trafikverket)	2009	One of the authors, researcher	\$210,000
ITS-understöd för kombinerade intermodala transporter	2008	One of the authors, researcher	\$500,000

For the European Commission grants, only the Chalmers University of Technology share is stated (size of projects were >1M\$). Numerous smaller grants (<\$10,000) have been excluded, such as ISU mini-grants and travel grants.

Conversation rate used: 1US\$=9SEK.

## SCIENTIFIC SUPERVISION

2012 to now	Ph.D. supervision Supervision Co-chair for Isidro Linan at Iowa State University (planned to graduate Fall 2022). Henrik was the assistant supervisor for Dr. Maisam Abbasi, who became an assistant professor at the University of Aarhus. Assistant supervisor for Åse Jevinger at Malmö University. Åse won the Malmö University Best Doctoral Dissertation Award (2014) and is currently an assistant professor at Malmö University. Assistant supervisor for Sebastian Pashei. Sebastian won EUROMA doctoral paper award in 2013.
2007 to now	M.S. thesis supervision Supervised 25 M.S. theses (supply chain management, logistics and transport operations), winning a total of 10 national awards. Companies involved: Kühne&Nagel, Volvo, Werner Transport (USA), DB Schenker, DHL, Foria and others. Invited guest lecturer at other universities (e.g., Borås University), teaching how to write an excellent M.S. thesis. Over 60% of students in the Logistics Service Management M.S. program at Lund University requested Dr. Sternberg as thesis supervisor (2016).

## COURSES TAUGHT

	credit = 1 week full-time
2022 to now	Supply Chain Management, MBA program, Iowa State University
2020 to now	Enterprise Resource Planning, 5-level, Iowa State University
2019 to 2021	International Logistics, 4-level, Iowa State University
2018 to 2021	Enterprise Resource Planning, 4-level, Iowa State University
2017	Business Analytics, 3-level, West Virginia University
2014 to 2018	Introduction to SCM, 5-level, Lund University
2015 to 2018	Intermodal transportation, 5-level, Lund University
2015 to 2017	Transport research module, M.S., Vienna University
2013	Global SCM, MBA, Kuwait-Maastricht Business School
2008-2011	Information systems in Logistics, 5-level, Chalmers University of Technology
2006-2007	System integration, 5-level, Chalmers University of Technology
2008-2010	Packaging logistics, 2-level, Mölnlycke Applied Science Institute
2005-2006	Component Based Design, 2-level (Informatics), Gothenburg University

## EDUCATION

2006 to 2012	Ph.D. in Supply Chain Management, Chalmers University of Technology, Gothenburg, Sweden Defended doctoral dissertation December 16, 2011. Title: Waste in road transport operations – Using information sharing to increase efficiency. Faculty opponent, Prof. Alan McKinnon, Herriot-Watt University.
2004 to 2006	M.S. in Applied Informatics, Chalmers University of Technology, Gothenburg, Sweden
1998 to 2001	B.S. in Computer Science, Blekinge University of Technology and Politecnico di Milano, Italy Amanuens (student teacher) at the Department of Economics 1999 to 2000.

## POSITIONS HELD

2018 to now	Assistant Professor, Iowa State University, Ivy College of Business
2017	Guest Professor, West Virginia University, College of Business & Economics.
2015 to 2018	Associate Professor, Lund University, Faculty of Engineering, Design Sciences.
2015 to 2017	Visiting Professor, Vienna University, School of Economics, Austria.
2012-2014	Postdoctoral researcher, Lund University, Faculty of Engineering, Design Sciences.
2013	Adjunct Professor, Kuwait Maastricht Business School, Kuwait.
2006-2015	Sternberg Consulting, manager and owner, 6 part-time employees. Strategic and operational consulting for Volvo Trucks, Volvo Technology, AAK, BN Konsult, Roda and Meritor.
2008-2009	75% position at the RISE Institute (former Viktoria Swedish ICT) and on leave from the PhD program. Gothenburg, Sweden.
2006-2011	Ph.D. Candidate, Chalmers University of Technology, Gothenburg, Sweden.
2004-2006	Production Planner and Project Leader, AAK, Karlshamn.
2003-2004	Technical Team Manager, Elgeba, Germany. Consultant for public transport systems.
2001-2003	Management and Technology Consultant at Cambridge Technology Partners, Germany. Working with Deutsche Post, Deutsche Bahn and Star Alliance.

## SELECTION OF INVITED TALKS

2021	Swedish parliament, public hearing on trucking regulation
2019	Iowa DOT Freight council, keynote speaker
2019	CSCMP Arizona annual roundtable, keynote speaker
2018	Keynote speaker at the future trends seminar of PostNord (Sweden's national postal operator)
2018	Almedalen, Sweden, annual politics week. Keynote speaker in the transport forum, attended by leading politicians and industry representatives
2017	Keynote speaker at the Swedish transport union's quadrennial forum
2017	Seminar on road transport policy, invited by the Swedish parliament representatives in the transport group of the parliament
2015	Almedalen, Sweden, annual politics week. Keynote speaker in the transport forum, attended by leading politicians and industry representatives

## OTHER RELATED MERITS

Editorial Review Board	<i>Journal of Business Logistics</i>
Editorial Advisory Board	<i>International Journal of Physical Distribution and Logistics Management (2017-2021)</i>
Ad hoc Senior editor	<i>Journal of Business Logistics</i>
Ad hoc reviewer	<i>Management Information Systems Quarterly, Production and Operations Management, Journal of Supply Chain Management, International Journal of Logistics Management, International Journal of Logistics: Research and Applications, Computers in Industry, Transport Policy, Transportation Journal and Production Planning and Control.</i>
Awards	2020 RESEARCH ACCELERATION GRANT (REDUCED TEACHING 2021-2023), IVY COLLEGE OF BUSINESS 2019: OUTSTANDING REVIEWER AWARD, JOURNAL OF BUSINESS LOGISTICS 2019: NOMINATED TO TEACHER OF THE MONTH, IVY COLLEGE OF BUSINESS 2017: Excellent Teaching Practitioner (nominee), Lund University, Faculty of Engineering 2016: Best Paper Award, Logistics Research Network's international conference, Hull, UK 2012: ICHCA Award for Outstanding Logistics Research Contribution 2011 (Ph.D. thesis). 2007: ICHCA Award for Outstanding Logistics MS thesis 2006.

Conference	<p>Main organizer of CSCMP Roundtable Sweden, August 2021</p> <p>Main organizer of CSCMP Roundtable Sweden, May 2019</p> <p>Main organizer of the 5<sup>th</sup> European Conference on Intelligent Transport Logistics (ECITL), 2012.</p> <p>Scientific committee member, Nofoma, 2017.</p>
Innovation	<p>Designed and developed GUI for Transics TXSmart system.</p> <p>Method innovation for Volvo Haulier Development Services</p> <p>Crowdsourcing for transport data collection, <i>Cabotagestudien</i> app</p> <p>Transparent transport system (Relog, <a href="http://trnsp.com/">http://trnsp.com/</a>)</p>
Academic membership	<p>Council of Supply Chain Management Professionals</p> <p>Swedish National Research School of ITS (SNITS)</p> <p>Scandinavian Academic Network for Teaching Enterprise Systems (SANTE)</p>
Board position	<p>Research representative, CSCMP Sweden, 2017 to now</p>
Languages	<p>Fluent: English, German, Italian and Swedish.</p> <p>Conversational: Farsi (Persian).</p> <p>Rudimentary Spanish and Danish.</p>

## REFERENCES

Prof. Dr. Erik Hofmann	<p>Director of the Institute of Supply Chain Management, University of St.Gallen. Collaborator since 2013. <a href="mailto:erik.hofmann@unisg.ch">erik.hofmann@unisg.ch</a>, +41 71 224 7295.</p>
Prof. Dr. Fredrik Nilsson	<p>Professor of Packaging Logistics at Lund University University. Former dean, collaborator and member of Dr. Sternberg's doctoral committee. <a href="mailto:fredrik.nilsson@plog.lth.se">fredrik.nilsson@plog.lth.se</a>, +46 70 958 0079.</p>
Dr. John Saldanha	<p>Sears Chair in Global Supply Chain Management and Associate Professor at West Virginia University. Collaborator and previous host of Dr. Sternberg at WVU (2017-2018). <a href="mailto:jpsaldanha@mail.wvu.edu">jpsaldanha@mail.wvu.edu</a>, +1 (304) 293-5318.</p>