

# CURRICULUM VITAE (SHORT)



## Personal details

**Name:** Maria Birgitta Viktoria Elmquist (since Nov 2006, formerly Backman)  
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**Born:** July 16, 1975 in Linköping  
**Nationality:** Swedish  
**Family:** Husband Tobias, daughters Signe and Iris (born Oct 2009 and March 2012)  
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## Academic degrees & titles

2014 Professor (bitr. professor) in Technology Management - with emphasis on Innovation Management, Chalmers University of Technology (CTH), Gothenburg, (June)  
2010 Associate Professor (docent) in Technology Management, Chalmers University of Technology (CTH), Gothenburg, (April)  
2007 PhD, Technology Management, Chalmers University of Technology (CTH), (dissertation defense February 22).  
2001 Master of Science, Industrial Engineering and Management, CTH, Gothenburg  
2000 Bachelor of Arts, French (70p) Occupational & Organizational Psychology (40p) English (10p), University of Gothenburg

## Employments / Affiliations

### Current positions:

2015- Head of Department, Technology Management and Economics, Chalmers University of Technology (Appointment), (Since January)  
2014- Professor/Researcher, Dept of Technology Management and Economics, Chalmers  
2008- Affiliated researcher, Centre de Gestion Scientifique, Mines Paristech (Prev. Ecole des Mines de Paris (EdM)).

## Previous positions

- 2010- 2014 Associate Professor/Researcher, Div. of Innovation Engineering and Management (IEM)/Center for Business Innovation (CBI), CTH
- 2012 *Parental leave (March - December)*
- 2008 - 2010 Assistant Professor / Researcher, Div. of Innovation Engineering and Management (IEM)/Center for Business Innovation (CBI), CTH
- 2009 *Parental leave (October - August)*
- 2007 - 2008 Post doc, Centre de Gestion Scientifique, École des Mines de Paris (EdM), France (One-year-position)
- 2007 Post doc affiliation, Management and Economics of Technology, CTH and Institute of Management of Innovation and Technology (IMIT)
- 2003 - 2007 PhD student, Div. of Project Management (Proj.mgmt) and the FENIX research centre, CTH, Gothenburg  
- 2004-2005 Doctoral exchange, EdM, France
- 2003- 2007 Researcher at IMIT, Gothenburg
- 2002-2003 Research assistant and coordinator at FENIX / IMIT, Gothenburg

## Publications

- Elmqvist M., Gawer, A. and LeMasson P. (*forthcoming*) Innovation Theory and the (Re)foundation of Management: Facing the Unknown, *European Management Review*, Editorial for Special issue,. (Article DOI: 10.1111/emre.12308)
- Elmqvist, M., Ollila S. and Yström A. (2016) Beyond intermediation: The open innovation arena as an actor enabling joint knowledge creation, *International Journal of Technology Management* 72(4): 273-295.
- Carlgren, L., Elmqvist M. and Rauth I. (2016) The Challenges of Using Design Thinking in Industry – Experiences from Five Large Firms, *Journal of Creativity and Innovation Management*, 25 (3): 344 - 362. *Selected as best paper in the journal 2016.*
- Elmqvist M., Ollila, S. and Yström A. (2016) Arenor för öppen innovation: organiserings av gemensamt kunskapskapande, In Lakemond, N. and Tell F. *Öppen innovation i teori och praktik*, Studentlitteratur, Lund, p 241-253.
- Carlgren, L., Rauth I. and Elmqvist M. (2016) Framing design thinking: The concept in idea and enactment, *Journal of Creativity and Innovation Management* 25(1):38-57. Received the CIM Best Paper Award 2016.
- Rauth, I. Carlgren, L., and Elmqvist M. (2015) Making It Happen: Legitimizing Design Thinking in Large Organizations, *Design Management Journal*, 9 (1) p. 47-60
- Carlgren, L., Elmqvist M. and Rauth I. (2014), Exploring the use of design thinking in large organizations: towards a research agenda, *Swedish Design Research Journal* Vol. 1 (2014), 14, p. 47-56.
- Carlgren, L., Elmqvist M. and Rauth I. (2014) Design thinking: Exploring values and effects from an innovation capability perspective, *Design Journal* Vol. 17 (2014), 3, p. 403-424.

- Börjesson, Sofia, Elmquist, Maria and Hooge, Sophie (2014) The challenges of innovation capability building: Learning from longitudinal studies of innovation efforts at Renault and Volvo Cars, *Journal of Engineering Technology Management* 31: 120-140.
- Börjesson S. & Elmquist M. (2012): Aiming at innovation: a case study of innovation capabilities in the Swedish defense industry, *International J. of Business Innovation and Research* 6(2): 188-201.
- Börjesson S. and Elmquist, M. (2012) *Att utveckla innovationsförmåga i stora industriella företag – erfarenheter från Volvo Personvagnar*, In Richtner, A. and Frishammar J. (Eds.), *Innovationsledning och kreativitet i svenska företag*, IMIT, p19-29.
- Elmquist and Segrestin (2012) *Towards new R&D processes for sustainable development in the automotive industry: experiencing innovative design*, In Calabrese G. (Ed.) *The Greening of the Automotive Industry*, Palgrave Macmillan, p. 69-85.
- Börjesson S. & Elmquist M. (2011): Developing Innovation Capabilities: A longitudinal study of a project at Volvo Cars', *Journal of Creativity and Innovation Management*, 20(3): 171-184.  
 Ranking: ABS 1 - Citations: Scopus: N/A, Google Scholar: 14
- Fredberg, T., Elmquist, M., Ollila, S and Yström, A. (2011) Role Confusion in Open Innovation Intermediary Arenas, in Wittke V. and Hanekop H. (Eds.), *Collaboration, production, innovation*, Universitätsverlag Göttingen, pp 177-193.
- Ollila S. and Elmquist M. (2011) Managing Open Innovation: exploring challenges at the interfaces of an open innovation arena, *Journal of Creativity and Innovation Management*, 20(4): 273-283.
- Pohl, H. and Elmquist, M., (2010), Radical innovation in a small firm – a hybrid electric vehicle (HEV) development project at Volvo Cars, *R&D Management* 40(4): 372-382.
- Giannopoulou, E., Yström, A., Elmquist, M., Fredberg, T., Ollila, S (2010) Implications of openness: A study into (all) the growing literature on open innovation, *Journal of Technology Management and Innovation* 5(3):162 - 180.
- Adler N., Elmquist M. and Norrgren F. (2009): The Challenge of Managing Boundary-Spanning Research Activities: Experiences from the Swedish Context, *Research Policy*, 38(7): 1136-1149.
- Aggeri F., Elmquist M., and Pohl H., (2009): Managing learning in the automotive industry – the innovation race for electric vehicles, *International Journal of Automotive Technology*, 9 (2): 123-147.
- Elmquist M., Fredberg T. and Ollila S., (2009): Exploring the field of open innovation, *European Journal of Innovation Management*, 12(3): 326-345.
- Elmquist, M., Fredberg, T. and Ollila, S. (2009): Open Innovation Forschung in Europa, *IP Manager-Journal for the Knowledge Economy*, 3, 50-51.
- Elmquist M. and Segrestin, B. (2009): Sustainable development through innovative design: lessons from the KCP method experimented with an automotive firm. *International Journal of Automotive Technology Management*, 9(2): 229-244.
- Elmquist M. and Le Masson P., (2009): The value of a failed R&D project: emerging evaluation criteria for innovation projects, *R&D Management*, 39(2): 139-152.
- Pohl H., Styhre A. and Elmquist M. (2009): The concept of 'interessement': The story of a power-split technology for hybrid electric vehicles, *International Journal of Innovation Management*, 13(1): 47-64.
- Backman\* M, Börjesson S. & Setterberg S. (2007): Working with concepts in the fuzzy front end: exploring the context for innovation for different types of concepts at Volvo Cars, *R&D Management* 37(1): 17-28.

- Elmqvist M. (2007): *Enabling innovation: Exploring the prerequisites for innovative concepts in R&D*, PhD Thesis, Div. of Proj.mgmt, CTH, Gothenburg, Sweden. (ISBN 978-91-7291-895-5)
- Elmqvist M. (2007): Vehicles for Innovation: the case of a neglected concept car project at Volvo Cars, *Knowledge and Process Management* 14(1): 1-14.
- Elmqvist M. & Segrestin B. (2007): Towards a new logic for Front End management: From drug discovery to drug design in Pharmaceutical R&D, *J. of Creativity and Innovation Management* 16(2): 106-120. (Nominated as one of six finalists in the journal's yearly best paper award competition, 2007).
- Backman<sup>1</sup>, M. & Börjesson S. (2006): Vehicles for attention creation: the case of a concept car at Volvo Cars, *European J. of Innovation Management* 9(2): 149-160.
- Backman<sup>1</sup> M. (2005): *Projektledning i strålkastarljuset – en studie av Volvo YCC*, Liber, Sweden.
- Styhre, A., Backman<sup>1</sup> M & Börjesson S. (2005): The Gendered Machine: Concept Car Development at Volvo Car Corporation, *Gender, Work and Organization* 12(6): 551-571.
- Styhre A., Backman<sup>1</sup> M & Börjesson S. (2005): YCC: a gendered carnival? Project work at Volvo Cars, *Women in Management Review* 20(2): 96-106.
- I also presented 36 conference papers 2004-2018*

## Current research project

- 2017-            Developing innovation capabilities in the emerging industry ecosystem of autonomous driving – VINNOVA - ( 2 000 000 SEK), The purpose of this research project is to support, intervene and learn from the development of innovation capabilities in the context of an emerging innovation ecosystem, where both technological and market needs are to a large extent unknown. Project manager responsible for research design and managing a team with one PhD students and one senior researcher. Collaboration with Volvo Cars and Zenuity.

## Academic Memberships

- Academy of Management, Groups: Technology Innovation and Management and Organizational Change and Development (since 2004)
- Member of Continuous Innovation Network (CINet), (since 2011)
- European Academy of Management (since 2004)
- Member and coordinator of the Fenix Management Research Community (since 2008)

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<sup>1</sup> I changed my name to Elmqvist in November 2006