

Aron Lindberg – Curriculum Vitae

Stevens Institute of Technology, School of Business,
Information Systems & Analytics Area
Castle Point on Hudson, Hoboken NJ 07030-5991 USA
Phone: (216) 924 7819 – Email: aron.lindberg@stevens.edu

Academic Positions

STEVENS INSTITUTE OF TECHNOLOGY

Associate Professor (Tenured), 2022-Present
Assistant Professor (Tenure Track), 2015-2022

UMEÅ UNIVERSITY

Visiting Professor, 2024-2025

NEW YORK UNIVERSITY

Visiting Professor, 2023

UNIVERSITY OF LIECHTENSTEIN

Research Fellow, 2018-2021

SWEDISH CENTER FOR DIGITAL INNOVATION

Senior Research Fellow, 2016-2020

Manuscripts

PEER REVIEWED JOURNAL PAPERS

1. Lindberg, A., Berente, N., Howison, J., Lyytinen, K. (Forthcoming) *Discursive Modulation in Open Source Software: How Online Communities Shape Novelty and Complexity*, MIS Quarterly. [UTD24, FT50]
2. Lindberg, A., Schecter, A., Berente, N., Lyytinen, K., Hennel, P.* (2024) *The Entrainment of Task Allocation and Release Cycles in Open Source Software Development*, MIS Quarterly. [UTD24, FT50]
3. Lindberg, A., Lyytinen, K., Grover, V., (2022) *The Scholarly Impact of Explorative and Exploitative Research in Information Systems*, Communications of the AIS. [ABS 2]
4. Lindberg, A., Majchrzak, A., Malhotra, A., (2022) *How Information Contributed After an Idea Shapes New High-Quality Ideas in Online Ideation Contests*, MIS Quarterly. [UTD24, FT50]
5. Zhang, Z., Yoo, Y., Lyytinen, K., Lindberg, A., (2021) *The Unknowability of Autonomous Tools and the Liminal Experience of their Use*, **all co-authors contributed equally**, Information Systems Research. [UTD24, FT50]
6. Seidel, S., Berente, N., Lindberg, A., Lyytinen, K., Nickerson, J., (2020) *Artificial Intelligence and the New Logic of Innovation and Control: The Case of Autonomous Design Tools*, Journal of Digital Social Research.

7. Arazy, O., Lindberg, A., Samorani, M., Rezaei, M.*¹, (2020) *The Evolutionary Trajectories of Peer-Produced Artifacts: Group Composition, the Trajectories' Exploration, and the Quality of Artifacts*, **all co-authors contributed equally**, MIS Quarterly. [UTD24, FT50]
8. Grover, V., Lindberg, A., Benbasat, I., Lyytinen, K. (2020) *The Perils and Promises of Big Data Research in Information Systems*, Journal of the Association for Information Systems. [ABS 4*]
9. Arazy, O., Lindberg, A., Wu, K.*, Lev, S. (2020) *Emergent Routines in Peer-Production: Examining the Temporal Evolution of Wikipedia's Work Sequences*, Transactions of Social Computing.
10. Lindberg, A. (2020) *Developing Theory through Human & Machine Pattern Recognition*, Journal of the Association for Information Systems. [ABS 4*]
11. Seidel, S., Berente, N., Lindberg, A., Nickerson, J., Lyytinen, K. (2019) *Autonomous Tools & Design Work: A Triple-Loop Approach to Human-Machine Learning*, Communications of the ACM. [IF 6.988]
12. Xiao, X., Lindberg, A., Hansen, S., Lyytinen, K. (2018) *'Computing' Requirements in Open Source Software Projects*, Journal of the Association for Information Systems. [ABS 4*]
13. Seidel, S., Berente, N., Lindberg, A., Nickerson, J., Lyytinen, K. (2018) *Succeeding with Autonomous Tools in Systems Design: Reflective Practice & Ubisoft's Ghost Recon Wildlands Project*, IEEE Computer. [IF 4.419]
14. Lindberg, A., Berente, N., Gaskin, J., Lyytinen, K. (2016) *Coordinating Interdependencies in Online Communities: A Study of an Open Source Software Project*, Information Systems Research, **2nd Runner Up for Best Published Paper in 2016 for OCIS Division of Academy of Management**. [UTD24, FT50]

UNDER REVIEW AT JOURNALS

1. Lindberg, A., Levina, N. *Dynamics of Firm-Community Relationships: The Role of Boundary Organizations in Spanning Emergent Boundaries*, (Revising for 3rd round review at Organization Science, UTD24, FT50).
2. Sun, J., Lindberg, A., *Frenemies don't let Frenemies Die: Explaining how Negative Ties May Prevent Online Community Collapse*, (Revising for 3rd round review at MIS Quarterly, UTD24, FT50).
3. Lindberg, A., Seidel, S., Koch, H. *From App to Ecosystem at Autodesk: Jumpstarting Platform Discovery*, (Revising for 3rd round review at MIS Quarterly, UTD24, FT50).
4. Lindberg, A. & Hukal, P. *Problems, Patterns, and Perspectives: The Multidimensional Role of Qualitative Methods in Computational Theory Construction*. (Revising for 2nd round review at MIS Quarterly, UTD24, FT50).

COMPLETED RESEARCH IN PREPARATION FOR JOURNAL SUBMISSION

1. Yan, B., Zheng, L.*, Sun, J., Ren, R., Lindberg, A., *Bots as Social Actors: How Bots Shape Social Processes Among Human Users in Peer Production*, (MIS Quarterly, UTD24, FT50).
2. Suchow, J., Gurkan, N., Zheng, W., Lindberg, A., *Confronting Prejudice in the Metaverse: How Avatar Design Spaces Moderate Impression Formation*, (MIS Quarterly, UTD24, FT50).
3. Lindberg, A., Seidel, S., Coen, C., Gau, M. *Human Designers vs. Machine Designers: Identifying Relative Performance in Relation to Different Problems*, (MIS Quarterly, UTD24, FT50).

¹ Students that I mentored as part of the paper-writing process are indicated with a star (*).

4. Lindberg, A., Arazy, O., Malhotra, A., Majchrzak, A. *Ordering Matters: Uncovering Generative Structures to Predict Outcomes in Sequences* (MIS Quarterly, UTD24, FT50).
5. Lindberg, A., Oh, O., Yoo, Y. *Understanding the Nascent Agency of AI as Distributed Computational Practice: A Research Agenda*, (MIS Quarterly, UTD24, FT50).

PEER REVIEWED CONFERENCE PAPERS & PROCEEDINGS

1. Qi, J.*, Lindberg, A., (2021) *Understanding the Reactive Practices of Third-party Developers*, Academy of Management Meeting, Virtual.
2. Wissel, J.*, Zaggl, M., Lindberg, A. (2020) *Control vs Freedom: How Companies Manage Knowledge Sharing with Open Source Software Communities*, Proceedings of the 53rd Hawaii International Conference on System Sciences, **ISSIP-IBM-CBA-JST-CISCO Student Paper Award for Best Industry Paper**.
3. Wissel, J.*, Zaggl, M., Lindberg, A. (2019) *Control vs Freedom: How Companies Govern Their Open Source Software Contributions*, Proceedings of the 40th International Conference on Information Systems, Munich, Germany.
4. Mai, F., Lindberg, A., Chen, Z.* (2019) *Does Sleep Deprivation Cause Online Incivility? Evidence from a Natural Experiment*, Proceedings of the 40th International Conference on Information Systems, Munich, Germany.
5. Quinto, C.*, Lindberg, A. (2019) *Narrative Threads Extracted Through Topic Modeling and Sentiment Analysis*, Grace Hopper Celebration, Oct. 1-4, Orlando, FL.
6. Mai, F., Lindberg, A., Chen, Z.* (2019) *Sleep Deprivation and Online Incivility*, DSI 2019 Annual Conference, New Orleans, LA.
7. Lindberg, A., Levina, N. (2018) *The Evolution of a Boundary Organization*, Open User Innovation Conference, New York City, NY.
8. Mankevich, V.*, Lindberg, A., Better Safe Than Sorry? Investigating Big Data Evangelists and Their Value Propositions, (2018) AOM Specialized Conference: Big Data and Managing in a Digital Economy, Surrey, United Kingdom, April 18-20, 2018.
9. Lindberg, A. (2017) *Knowledge Integration in Hybrid Online Communities: A Longitudinal Case Study of an Evolving Boundary Infrastructure*, Academy of Management Meeting, Atlanta, GA.
10. Lindberg, A., Nickerson, J. (2016) *Sequential Innovation Patterns: Online Experiments on Creative Processes*, Collective Intelligence 2016, New York City, NY.
11. Gopal, D.*, Lindberg, A., Lyytinen, K. (2015) *Attributes of Open Source Software Requirements – The Effect of the External Environment and Internal Social Structure*, Proceedings of the 49th Hawaii International Conference on System Sciences.
12. Andersen, J., Lindberg, A., Lindgren, R., Selander, L. (2015) *Algorithmic Agency in Information Systems: Research Opportunities for Data Analytics of Digital Traces*, Proceedings of the 49th Hawaii International Conference on System Sciences.
13. Paolillo, W.*, Lindberg, A. (2015) *Creating Customer Love: How Organizations can engender Positive Affect in Online Product-centered Communities*, Proceedings of the AMA Summer Marketing Educators' Conference, American Marketing Association, Chicago, IL.
14. McGuire, C.*, Lindberg, A., Lyytinen, K. (2015) *How Organizational Identity influences Information Technology (IT) Outsourcing Success*, Proceedings of the 21st Americas Conference on Information Systems, Puerto Rico.
15. Lindberg, A., Berente, N., Lyytinen, K. (2015) *Towards an Open Source Software Development Life Cycle: A Study of Routine Heterogeneity and Discourse across multiple*

Releases, Academy of Management Proceedings, Vancouver, Canada, **OCIS Best Conference Paper**.

16. Lindberg, A., Berente, N., Howison, J., Lyytinen, K. (2015) *Variations in Information Processing Capacity: A Study of Routine Heterogeneity in Open Source Projects*, Academy of Management Meeting, Vancouver, Canada
17. Lindberg, A. (2014) *The Role of Routines in Explaining Coordination of Open Source Software Development*, Doctoral Consortium, International Conference on Information Systems, Auckland, New Zealand.
18. Lindberg, A. (2014) *Exposing The Hidden Work of Open Organizing Practices*, Digital Societies Summer Institute, Columbia, MO.
19. Lindberg, A., Gaskin, J., Berente, N., Lyytinen, K. (2014) *Exploring Configurations of Affordances: The Case of Software Development*, Proceedings of the 20th Americas Conference on Information Systems, Savannah, GA.
20. Lindberg, A., Berente, N. (2014) *Aligning Information Processing Capabilities and Gaps in Open Source Software Development*, Academy of Management Meeting, Philadelphia, PA.
21. Zhang, Z., Lindberg, A., Yoo, Y., Lyytinen, K. (2014) *Digital Design Tools and the Temporality of Design*, Academy of Management Meeting, Philadelphia, PA.
22. Grogan, D.*, **Lindberg, A.** (2014). *Beyond Formal Contracts: The Post Merger Integration Experience of Acquired Executives*, In Academy of Management Proceedings (Best Doctoral Student Paper), Vol. 2014, No. 1, p. 13142, Academy of Management (**some coauthors' names removed from publication to comply with rule of 3+3**).
23. Lindberg, A., Xiao, X., Lyytinen, K. (2014) *Theorizing Modes of Open Source Software Development*, Proceedings of the 47th Hawaii International Conference on System Sciences.
24. Lindberg, A., Gaskin, J., & Berente, N. (2013) *Foxes, Hedgehogs and Finns: In Search of the Elusive Pluralist Researcher*, 34th International Conference on Information Systems, Milan, Italy.
25. Lindberg, A., Berente, N., Gaskin, J., Lyytinen, K., Yoo, Y. (2013) *Computational Approaches for Analyzing Latent Social Structures in Open Source Organizing*, Proceedings of the 34th International Conference on Information Systems, Milan, Italy.
26. Xiao, X., Lindberg, A., Hansen, S., Lyytinen, K., Wang, T. (2013) *'Computing' Requirements in Open Source Software Projects*, Proceedings of the 34th International Conference on Information Systems, Milan, Italy.
27. Lindberg, A., Lyytinen, K. (2013) *Towards a Distributed Information Processing View of Open Source Software Development*, OASIS pre-ICIS Workshop.
28. Lindberg, A., Berente, N., Gaskin, J., Lyytinen, K., & Yoo, Y. (2013) *Computational Approaches for Analyzing Latent Social Structures in Open Source Organizing*, Atlanta Workshop on Computational Social Science, Atlanta, GA.
29. Lindberg, A. (2013) *Webs & Waves of Collaboration: Explaining Growth in Open Source Software Communities through Relational and Procedural Structures*, OCIS Doctoral Consortium, Academy of Management Meeting, Orlando, FL.
30. Lindberg, A., Gaskin, J., Lyytinen, K., Yoo, Y. (2013) *Understanding Change in Open Source Communities: A Co-Evolutionary Framework*, Academy of Management Meeting, Orlando, FL.
31. Lindberg, A., Gaskin, J., and Berente, N., (2013) *Computational Analysis of Social Structure: Studying Relational and Sequential Structures in Teams*, Annual Science of Team Science (SciTS) Conference, Evanston, IL.

32. Lindberg, A., Lyytinen, K., Gaskin, J., Youngjin, Y., Thummadi, V. (2012) *Exploring Digitalization of Architectural Design Practice through Ecologies of Affordances*. 2nd Organizations, Artifacts and Practices Workshop. Paris, France.
33. Stephens, J. P. & Lindberg, A. (2012) *Bringing the Body Back in: The Primacy of Movement in Organizational Routines*. Qualitative Research in Management & Organizations. Albuquerque, NM.

BOOK CHAPTERS

1. Berente, N., Lindberg, A., Miranda, S., Safadi, H., Seidel, S. (2024) *Computationally Intensive Theory Construction*, in Galliers, Stein, Baiyere (eds.) Routledge Companion to Management Information Systems, 2nd Edition, Routledge.
2. Lindberg, A. (2023) *Analysis Chaining: Conceptual and Empirical Framing of Digital Traces*, in Davison, R. (ed.) New Perspectives in Qualitative IS Research Methods.
3. Lindberg, A. & Lyytinen, K. (2013) *Towards A Theory of Affordance Ecologies*, in de Vaujany, F. & Mitev, N. (eds.) Materiality and Space: Organizations, Artefacts and Practices, Palgrave Macmillan, New York, NY.

BOOKS

- Gävert, E. & Lindberg, A. (2009) *Building Consensus: How Individuals Influence Groups*. Saarbrücken: VDM Verlag.

Invited Presentations

1. Lindberg, A., *The Story of a Paper*, Professional Development Workshop: Towards a Community of Computational Theory Construction Scholars, Academy of Management Meeting, Chicago, IL, August 10th, 2024.
2. Lindberg, A., *Combining Qualitative & Computational Methods: Two Stories*, AIS SIG DITE Research Academy, January 1st, 2024.
3. Lindberg, A., *Problems, Patterns, and Perspectives: The Multi-Dimensional Role of Qualitative Methods in Computational Theory Construction*, Oklahoma State University, November 17th, 2023.
4. Lindberg, A., *The Story of a Paper*, Doctoral Seminar at Purdue University, March 23rd, 2023.
5. Lindberg, A., *Jamming with the Machine*, Professional Development Workshop: AI in the Wild, Academy of Management Meeting, Boston, MA, August 6th, 2023.
6. Lindberg, A. *Analysis Chaining*, Professional Development Workshop: Practices and Struggles in Computational Theory Development, Academy of Management Meeting, Virtual, August 7th, 2022.
7. Lindberg, A. *From Apps to Ecosystem: Facilitating Emergence Through Experimentation at Autodesk*, Stockholm School of Economics, October 20th, 2021.
8. Lindberg, A. *Using Traditional vs. Autonomous Design Tools: Design Problems and Performance Differentials*, HEC Montreal, October 15th, 2021.
9. Lindberg, A. *The Evolutionary Trajectories of Peer-Produced Artifacts: Group Composition, The Trajectories' Exploration, and the Quality of Artifacts*, Doctoral Seminar at University of Texas-Austin, February 4th, 2020.
10. Lindberg, A. *How AI is Changing Design and Innovation*, Partnership Meeting at the Office of the President, Stevens Institute of Technology, August 12, 2019.

11. Lindberg, A. *AI & Design – A Few Provocations*, Workshop on Artificial Intelligence: Which Impact on Management Practice? Academy of Management, Boston, MA, August 9, 2019.
12. Lindberg, A. *Navigating the Tension Between Generativity & Technical Debt: A Comparative Study of Two Open Source Software Projects*, University of Haifa, Israel, July 18, 2018.
13. Lindberg, A. *Integrating Human Interpretation & Machine Pattern Recognition: Pragmatist Principles for Qualitative Researchers to Engage with Computational Tools & Digital Trace Data*. Keynote at Post-ICIS GTM Workshop, Seoul, South Korea, December 13, 2017.
14. Lindberg, A. *Computational-Qualitative Research: Principles for Qualitative Researchers to Engage with Computational Tools & Digital Trace Data*, New York University, NY, November 9, 2017.
15. Lindberg, A. *The Evolution of a Boundary Organization: A Longitudinal Case Study*, New York University, NY, September 28, 2017.
16. Lindberg, A. *Knowledge Integration in Hybrid Online Communities: A Longitudinal Case Study of an Evolving Boundary Infrastructure*, Academy of Management Meeting, Atlanta, GA, August 8, 2017.
17. Lindberg, A. *Knowledge Integration in Hybrid Online Communities: A Longitudinal Case Study of an Evolving Boundary Infrastructure*, Gothenburg University, Sweden, May 10, 2017.
18. Lindberg, A. *Computational-Qualitative Research: A Pragmatist Approach to Studying Practices Using Digital Trace Data*, Seminar on Research Quality in Information Systems, Davos, Switzerland, February 9, 2017.
19. Lindberg, A., Zhang, Z., Yoo, Y., Lyytinen, K. *Designing with Autonomous Tools: How Intelligent Automation Technologies Change Design Processes*, New York University, NY, November 3, 2016.
20. Lindberg, A. *Computational-Qualitative Research: A Pragmatist Approach to Studying Practices Using Digital Trace Data*, University of Georgia, GA, September 9, 2016.
21. Lindberg, A., Zhang, Z., Yoo, Y., Lyytinen, K. *The Impact of Digital Tools on Temporal Experience in Complex Design: A Case of Automation of Chip Design*, University of Georgia, GA, September 9, 2016.
22. Lindberg, A. *Internet Spaceships is Serious Business: Managing Tensions between Planned & Emergent Innovation in a Virtual World*, University of Gothenburg, Sweden, May 11, 2016.
23. Lindberg, A., Gaskin, J., Berente, N., Lyytinen, K. *How Online Communities Coordinate Complex Interdependencies through Routine Structuring: A Study of an Open Source Software Project*, University of Warwick, United Kingdom, May 4, 2016.
24. Lindberg, A., Gaskin, J., Berente, N., Lyytinen, K. *Dealing with Task Complexity in Open Source Software Development Routines*, Stevens Institute of Technology, Hoboken, NJ. February 11, 2015.
25. Lindberg, A., Berente, N., Lyytinen, K. *Why Do Open Source Software Development Patterns Vary? An Information Processing Analysis*. Institute for Software Research, Carnegie Mellon University, Pittsburg, PA. April 8, 2014.

Grants

RECEIVED

1. \$327,000 from AFA Insurance, Sweden, *AI-based Automation in the Forestry industry: New Opportunities & Risks for Occupational Safety*, Visiting Professor (2023)
2. \$207,000 from Mistra Digital Forest, *Digital Twins as Enablers of Participatory Forest Planning*, Visiting Professor (2023)
3. \$629,000 from the Marianne & Marcus Wallenberg Foundation for *Reframing Machine Intelligence*, Co-PI (2016)
4. \$16,000 from Stevens Institute of Technology, *Ignition Grant Initiative*, PI (2016)
5. \$31,541 from Swedish Center for Digital Innovation, *Computational-Qualitative Research*, PI (2015)

SUBMITTED

1. FORMAS, Sweden, *Facilitating participatory forest planning processes through developing a digital twin of the Swedish forest*, co-PI, \$369,000 (2023)
2. NSF, *Generative AI and the Future of Work in Software Engineering*, PI, \$1,004,999 (2023)
3. NSF CAREER, *Bot Interventions in Crowd-based Knowledge Production: Building A Toolbox*, PI, \$581,101 (2021)
4. NSF CAREER, *Bot Interventions in Emergent Design Processes: Building A Toolbox*, PI, \$582,642 (2020)
5. NSF CAREER, *Developing a Toolbox for Emergent Design: Leveraging Crowds & Algorithms*, PI, \$521,930 (2019)
6. NSF, *Collaborative Coding through Conversation: Modeling Patterns of Open Source Software Management*, Co-PI with William Robinson, \$246,640 (2017)
7. NSF, *Open Hub: an interdisciplinary infrastructure for big data open-source development research*, Co-PI with William Robinson, \$272,666 (2017)
8. NSF, *Open Hub: an interdisciplinary community-infrastructure for big data open-source development research*, Co-PI with William Robinson, \$1,400,000, (2016)
9. NSF, *Coordinating Open Source Artifact Design: An Emergent Routine-Based Approach for Studying Coproduction of Software & Hardware*, \$540,320, Co-PI with William Robinson (2016)
10. NSF, *Open Hub: An extensible platform for enabling generalizable inquiry into open source software development processes*, \$1,653,663, Co-PI with William Robinson & Tianjie Deng, (2016)

Workshops

1. Amadoru, M., Lindberg, A., Miranda, S., Zhai, S. (2024) *Towards a Community of Computational Theory Construction Scholars*, Academy of Management, Chicago, IL, August 10th, 2024.
2. Lindberg, A., Cheoh, J. L., Sun, J., Suchow, J. W., (2023) *Design of Digital Experiments and Research Platforms*, Academy of Management, Boston, MA.
3. Amadoru, M., Lindberg, A., Min, S., Miranda, S. (2023) *Towards A Craft of Computational Theory Construction*, Professional Development Workshop, Academy of Management, Boston, MA.
4. Lee, K., Lifshitz-Assaf, H., Lindberg, A., Zhang, A. (2023) *AI in the Wild*, Professional Development Workshop, Academy of Management, Boston, MA.
5. Lee, K., Lifshitz-Assaf, H., Lindberg, A., Zhang, A. (2022) *AI in the Wild*, Professional Development Workshop, Academy of Management, Seattle, WA.

6. Lifshitz-Assaf, H., Lindberg, A., Min, S. (2021) *The Rise of Computational Methods for Theory Development*, Professional Development Workshop, Academy of Management, Virtual.
7. Lindberg, A., Seidel, S., Tuunanen, T., Lindgren, R., Lyytinen, K. (2019) *Thinking machines and design: A time to reconsider*, European Conference on Information Systems, Stockholm, Sweden.
8. Lindberg, A., Seidel, S., Berente, N., Nickerson, J., Lyytinen, K. (2019) *Artificial Intelligence & Innovation*, Hawaii International Conference on Systems Sciences, Maui, HI.
9. Gaskin, J., Berente, N., Lindberg, A., Zhang, Z., Um, S., Yoo, Y., Lyytinen, K. (2014) *Organizational Genetics: Detecting Evolution and Variation in Process Data*, Professional Development Workshop, Academy of Management Meeting, Philadelphia, PA.
10. Lindberg, A. & Gaskin, J. (2013) *Capitalizing Upon the Changing Virtual Landscape of Learning & Education*, Professional Development Workshop, Academy of Management Meeting, Orlando, FL.

Curriculum Development

1. MIS735 – Survey of Socio-Technical Theories for Organization Studies (brand new course developed in Spring 2022)
2. BT466 – Data Analytics (brand new course developed in Spring 2019)
3. MIS699 – Digital Innovation (complete revamp of all content done in Spring 2018)
4. MGT719 – Research Design (complete revamp of all content done in Spring 2018)

Teaching Experience

STEVENS INSTITUTE OF TECHNOLOGY:

1. Survey of Socio-Technical Theories for Organization Studies, Spring 2024 (instructor rating = 5/5, response rate = 9/12)
2. Digital Innovation, Spring 2024 (instructor rating = 4.94/5, response rate = 17/19)
3. Digital Innovation, Spring 2023 (instructor rating = 5/5, response rate = 6/21)
4. Digital Innovation, Fall 2022 (instructor rating = 4.75/5, response rate = 4/11)
5. Data Analytics, Spring 2022 (instructor rating = 4.56/5, response rate = 27/54)
6. Digital Innovation, Spring 2022 (instructor rating = 4.94/5, response rate = 17/28)
7. Digital Innovation, Fall 2021 (instructor rating = 4.92/5, response rate = 12/28)
8. Data Analytics, Spring 2021 (instructor rating = 3.05/4, response rate = 22/44)
9. Digital Innovation, Spring 2021 (instructor rating = 3.75/4, response rate = 4/8)
10. Digital Innovation, Fall 2020 (instructor rating = 3.67/4, response rate = 9/13)
11. Data Analytics, Spring 2020 (instructor rating = 3.00/4, response rate = 18/50)
12. Digital Innovation, Spring 2020 (instructor rating = 3.91/4, response rate = 11/20)
13. Digital Innovation, Fall 2019 (instructor rating = 3.56/4, response rate = 27/40)
14. Data Analytics, Spring 2019 (instructor rating = 3.35/4, response rate = 17/33)
15. Digital Innovation, Spring 2019 (instructor rating = 3.63/4, response rate = 19/27)
16. Digital Innovation, Fall 2018 (instructor rating = 3.44/4, response rate = 32/39)
17. Digital Innovation, Spring 2018 (instructor rating = 3.72/4, response rate = 37/43)
18. Managing Emerging Information Technologies, Fall 2017 (instructor rating = 3.65/4, response rate = 67/79)

19. Managing Emerging Information Technologies, Spring 2017 (instructor rating = 3.69/4, response rate = 49/68)
20. Managing Emerging Information Technologies, Fall 2016 (instructor rating = 3.51/4, response rate = 55/69)
21. Managing Emerging Information Technologies, Spring 2016 (instructor rating = 3.51/4, response rate = 37/42)
22. **Doctoral Seminar:** Computational-Qualitative Field Research, Spring 2016 (NA)
23. Managing Emerging Information Technologies, Fall 2015 (instructor rating = 3.39/4, response rate = 18/23)

CASE WESTERN RESERVE UNIVERSITY:

1. **Doctoral Seminar:** Applied Advanced Research Analytics, Fall 2015 (instructor rating = 4.5/5, response rate = 12/17)
2. Measuring Marketing Performance, Spring 2015 (instructor rating = 4.33/5, response rate = 12/18)
3. Introduction to Information: A Systems & Design Approach, Fall 2013 (instructor rating = 4.32/5, response rate = 26/37)

Awards

1. Stevens Institute School of Business Graduate Student Council Faculty Appreciation Award (2019)
2. Outstanding Reviewer Award at ICIS (2017)

Advising

1. Committee Member for doctoral dissertation of Justin Ribeiro, Case Western Reserve University, in progress
2. Committee Member for doctoral dissertation of Vahid Ashrafi, in progress
3. Committee Member for doctoral dissertation of Stephanie Sharo Chiesi, School of Systems and Enterprises, in progress
4. Advisor for doctoral dissertation of Jiali Qi, graduated in 2024
5. Committee Member for doctoral dissertation of Necdet Gurkan, graduated in 2024
6. Committee Member for doctoral dissertation of Shiyang Zhang, graduated in 2024
7. Committee Member for doctoral dissertation of Rebecka Ångström, Stockholm School of Economics, graduated in 2023
8. Committee Member for doctoral dissertation of Lei (Nico) Zheng, graduated in 2023
9. Co-advisor for doctoral dissertation of Milos Topic, graduated in 2019
10. Committee Member for doctoral dissertation of Pinar Ozturk, graduated in 2017
11. Committee Member for doctoral dissertation of Matthew Lewin, Case Western Reserve University, graduated in 2017

Service at Stevens

INSTITUTE-LEVEL:

- Academic Planning and Resources Committee (2020-2022)
- Vice Provost of Research Award Capture Team (2017-2018)

SCHOOL-LEVEL:

- Mentor for 1 tenure-track faculty (2023-present)
- Nomination Committee (2022-present)
- Dean's Advisory Committee (2021-present)
- Business School Research Committee (2020-present)
- MS in Information Systems Academic Program Committee (2015-present)
- Tenure & Promotion Committee (2022-2023)
- Academic Program Coordinator for MS in Information Systems (2022-2023)
- Faculty Search Committee for 1 IS/Analytics position (2021-2022)
- PhD Program Committee (2017-2022)
- IS/Analytics Hiring Strategy Committee (2021)
- Chair of Faculty Search Committee for 3 IS Analytics positions (2020)

Professional Service

- Editorial Review Board Member, Information Systems Research, 2024
- Invited Guest Associate Editor at Information Systems Research, 2024
- Associate Editor for an Information & Organization *Special Issue on Designing for Digital Futures*, 2024
- Associate Editor for an Information Systems Research *Special Issue on Analytical Creativity*, 2024
- Invited Guest Associate Editor at MIS Quarterly, 2022
- Associate Editor, ECIS, 2023-2024
- Associate Editor, ICIS, 2017-2020, 2023
- Track co-chair, ICIS 2025, track on *Generative AI: Deployment and Impact*
- Track co-chair, ICIS 2022, 2024, track on *Advances in Methods, Theories, and Philosophy*
- Mini-track co-chair, HICSS, 2021-2025, *AI, Organizing & Management*
- Mini-track co-chair, HICSS, 2020, *AI & Organizing*
- Mini-track co-chair, HICSS, 2017, *Open Source Application Software, Organizing and Innovation*
- Faculty Mentor, AOM Doctoral Consortium, Chicago, USA, 2024
- Faculty Mentor, AMCIS Doctoral Consortium, Panama, 2023
- Faculty Mentor, Doctoral Seminar, University of Liechtenstein, 2017-2019
- Member, Doctoral Programs Review Taskforce, Case Western Reserve University, 2024

Educational Experience

CASE WESTERN RESERVE UNIVERSITY

Ph.D. in Management (Information Systems), 2015

Thesis: *The Origin, Evolution, and Variation of Routine Structures in Open Source Software Development: Three Mixed Computational-Qualitative Studies*

Advisor: Kalle Lyytinen

STOCKHOLM UNIVERSITY

M.Sc. in Business Administration & Economics, 2009