

CURRICULUM VITAE

November 15, 2020

PERSONAL

Name Aija E. Leiponen
Current Employment Professor
Dyson School of Applied Economics and Management
SC Johnson College of Business
Cornell University
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Citizenship Finnish; US permanent resident

EDUCATION

1993-2000 Ph.D., Helsinki School of Economics
1996-1998 Fulbright student in the Ph. D. program of the Walter A. Haas
School of Business, University of California, Berkeley.
1988-1993 Helsinki School of Economics and Business Administration.
M. Sc. (Econ.) 1993 (first degree)
Major: Economics; Minors: Management science, Mathematics

EMPLOYMENT HISTORY

Cornell University, Dyson School of Applied Economics and Management

1/2019 – current Professor
11/2008 – 12/2018 Associate professor with tenure
8/2001 – 10/2008 Assistant professor

Aalto University, School of Science, Department of Industrial Engineering and Management, Institute of Strategy

8/2016 – current Visiting professor

Imperial College Business School, Innovation and Entrepreneurship group

7/2009 – 9/2016 Associate professor (20% appointment)

Research Institute of the Finnish Economy (ETLA), Helsinki, Finland

8/2001 – current Associated Research Fellow
9/1993– 4/2001 Researcher in various projects externally funded by the Finnish Fund for Research and Development (SITRA), the National Technology Agency (TEKES), and the Association of Finnish Industries.

International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria

4/1996 – 7/1996 Research Associate
3/1995 – 7/1995 Visiting Scholar

Bank of Finland, Central Bank Policy Department: 5/1993 – 8/1993 Research trainee

PUBLICATIONS

Peer reviewed

Jones S., Leiponen A., and Vasudeva Singh G. The Evolution of Cooperation in the Face of Conflict: Evidence from the Innovation Ecosystem for Mobile Telecom Standards Development. Forthcoming in *Strategic Management Journal* (Impact Factor 5.471).

Kretschmer T., Leiponen A., Schilling M., and Vasudeva Sing G.. Platform Ecosystems as Metaorganizations: Implications for Platform Strategies. Forthcoming in *Strategic Management Journal* (special issue on Platform Ecosystems).

Koutroumpis, P. Thomas L.D.W. and Leiponen A. (2021). Invention Machines: How Instruments and Information Technologies Drive Global Technological Progress. *Communications of the ACM* 64(1): 70-78 (IF 3.063).

Parmar, R., Leiponen, A. E., Thomas, L. (2020). Building an organizational digital twin. *Business Horizons* 63(6): 725-736.

Vasudeva Singh G., Leiponen A., and Jones S. (2020). Dear Enemy: The Dynamics of Conflict and Cooperation in Open Innovation Ecosystems. *Strategic Management Review* 1(2): 355-379.

Koutroumpis P., Thomas L. and Leiponen A. (2020). Markets for Data. *Industrial and Corporate Change* 29(3): 645-660 (IF 1.824).

Koutroumpis P., Thomas L., and Leiponen A. (2020). Small is big in ICT: The Impact of R&D on productivity. *Telecommunications Policy* 44(1): 532-544 (IF 2.000).

Leiponen A. and Delcamp H. (2019). The Anatomy of a Troll: Patent Licensing Business Models in the Light of Patent Reassignment Data. *Research Policy* 48(1): 298-311 (Impact Factor 5.425).

Grosman A., and Leiponen A. (2018). Organizational Transparency and Power in Firm Ownership Networks. *Journal of Comparative Economics* 46(4): 1158-1177 (IF 1.708).

Koutroumpis P., Thomas L. and Leiponen A. (2017). How Important is ‘IT’? Assessing the Influence of Information and Communication Technologies Over a Century of Invention”. *Communications of the ACM* 60(7): 62-68 (IF 3.063).

Koutroumpis P. and Leiponen A. (2016). Crowdsourcing Mobile Coverage. *Telecommunications Policy* 40(6): 532-544 (IF 2.000).

Thomas L.D.W. and Leiponen A. (2016). Big Data Commercialization. *IEEE Engineering Management Review* 44(2): 74-90.

Bar T. and A. Leiponen A. (2014) Committees and Networking in Standard Setting. *Journal of Economics and Management Strategy* 23(1): 1-23 (lead article) (IF 1.025).

H. Delcamp and A. Leiponen (2014). Innovating Standards Through Informal Consortia: The Case of Wireless Telecommunications. NBER Working Paper #18179. *International Journal of Industrial Organization* special issue on Standards, Patents, and Innovation. (IF 0.960)

Koutroumpis P. and Leiponen A. (2013). Understanding the value of (Big) Data. *Proceedings of the IEEE International Conference on Big Data*, 2013.

Leiponen, A. (2012). The Benefits of R&D and Strategic Breadth in Innovation: A Comparison of Finnish Service and Manufacturing firms. *Industrial and Corporate Change* 21(5): 1255-1281 (IF 1.824).

Bar T. and Leiponen A. (2012). A Measure of Probability Distance and Its Application to Technological Proximity. *Economics Letters* 116: 457-459 (IF 0.558).

Leiponen, A. and C. E. Helfat (2011). Location, Decentralization, and Knowledge Sources for Innovation. *Organization Science* 22(3), 641-658 (IF 3.257).

Leiponen, A. and C. E. Helfat (2010). Innovation Opportunities, Knowledge Sources, and the Benefits of Breadth. *Strategic Management Journal* 31(2), 224-236 (IF 5.572).

- Leiponen, A. and J. Byma (2009). If You Cannot Block, You Better Run: Small Firms, Cooperative Innovation, and Appropriation Strategies. *Research Policy* 38, 1478-1488 (IF 5.425).
- Leiponen, A. (2008). Competing Through Cooperation: Standard-Setting in Wireless Telecommunications. *Management Science* 54(11), 1904-1919 (IF 4.219).
- Leiponen, A. (2008). Control of Intellectual Assets in Client Relationships: Implications for Innovation. *Strategic Management Journal* 29, 1371-1394 (IF 3.380).
- Leiponen A. and I. Drejer (2007). What Exactly are Technological Regimes? Intra-industry Heterogeneity in the Organization of Innovation Activities. *Research Policy* 36, 1221-1238 (IF 5.425).
- Leiponen A. (2006). Cooperative Strategies in the Standardization of Wireless Telecommunications. *Academy of Management Annual Meeting Best Paper Proceedings*.
- Leiponen A. (2006). Managing Knowledge for Innovation: The Case of Business-to-Business Services. *Journal of Product Innovation Management* 23, No. 3 (May), 238-258 (IF 3.759).
- Leiponen A. (2006). Organization of Knowledge Exchange: An Empirical Study of Knowledge-Intensive Business Service Relationships. *Economics of Innovation and New Technology* 15, No. 4-5, 443-464.
- Leiponen A. (2005). Skills and Innovation. *International Journal of Industrial Organization* 23, 303-323 (lead article).
- Leiponen A. (2005). Core Complementarities of the Corporation? Knowledge and the Organization of an Innovating Firm. *Managerial and Decision Economics* 26, 351-365.
- Leiponen A. (2005). Innovation in Knowledge-Intensive Business Services. *Industry and Innovation* 12 (2), 185-203.
- Leiponen A. (2000). Competencies, Innovation and Profitability of Firms, *Economics of Innovation and New Technology* 9, 1-24.

Other publications

- Leiponen A. and W. Mitchell (2016). Using New Media to Promote and Extend Published Work in Management. Chapter 24 in T. Clark, M. Wright and D. Ketchen: *How to Get Published in Top Management Journals*. Edward Elgar (forthcoming).
- Leiponen A. and W. Mitchell (2014). Innovation, Intellectual Property and Strategic Management. Strategic Management Society Virtual Special Issue Introduction. DOI: 10.1002/smj.2282.
- Leiponen A. (2013). Intellectual Property Rights, Standards, and Innovation. Ch. 20 in *Oxford Handbook of Innovation Management*. M. Dodgson, D. Gann, and N. Phillips (Eds.). Oxford University Press.
- Columnist at ITViikko (IT Week), a Finnish weekly newspaper focused on information technology industries, fall 2007.
- Leiponen A. (2007). The impact of contractual arrangements on innovation in Finnish knowledge-intensive business services. Pp. 163-176 in *Business services in European economic growth* by H. Kox and L. Rubalcaba (eds.). London: Palgrave-MacMillan.
- Leiponen A. (2007). Lisääkö tutkimus- ja kehitystoiminnan hajauttaminen yritysten innovatiivisuutta? (Does decentralization of R&D improve firms' innovativeness?). Pp. 129-138 in *Kilpailu, innovaatio ja tuottavuus* (Competition, Innovation, and Productivity) by M. Maliranta and P. Ylä-Anttila (eds.). Helsinki: Taloustieto.
- Leiponen A. (2006). National styles in the setting of global standards: The relationship between firms' standardization strategies and national origin. Pp. 350-372 in *How Revolutionary was the Revolution? National Responses, Market Transitions, and Global Technology in the Digital Era* by A. Newman and J. Zysman (eds.). Stanford University Press.

Leiponen A. (2004). Knowledge Services in the Finnish Innovation System. Pp. 85-105 in G. Schienstock (ed.): *The Embracing the Knowledge Economy: The Dynamic Transformation of the Finnish Innovation System*, London: Edward Elgar.

Leiponen A. (2002). Competencies, R&D Collaboration, and Innovation under Different Technological Regimes. Pp. 253-277 in Kleinknecht, A. and P. Mohnen (eds.): *Innovation and Firm Performance: Explorations with Survey Data*, London: Palgrave.

Leiponen A. and P. Ylä-Anttila (2000). Teknologia ja talouskasvu (Technology and Economic Growth, in Finnish). Pp. 128-148 in T. Lemola (ed.): Näkökulmia teknologiaan (Perspectives on Technology), Helsinki: Gaudeamus.

Leiponen A. (1998). Dynamic Competencies and Firm Performance. Pp. 254-270 in Eliasson, G. and C. Green (eds.): *Microfoundations of Economic Growth – A Schumpeterian Perspective*. Ann Arbor: Michigan University Press.

Leiponen A. (1996). Koulutus ja talouskasvu (Education and Economic Growth, in Finnish). Pp. 17-52 in Lilja, R., A. Mäkilä ja P. Vartia (eds): Koulutuksen talous nyky-Suomessa, (Economics of Education in Finland). Helsinki: ETLA B 124.

WORK IN PROGRESS

A. Leiponen and Z. Xue. How Does Patent Litigation Influence US Invention Activity?

T.E. Symeonidou, E. Autio, J. Bruneel, A. Leiponen. The Origins of Capabilities: Resource Allocation Strategies, Capability Development, and the Performance of New Firms.

G. Vasudeva Singh, A. Leiponen, and S. Jones. Patent Assertion Entities and Cooperation in Standard Setting.

F. Boroomand, A. Leiponen, and G. Vasudeva Singh. Discovering Data Strategies: A Topic Modeling Approach.

L. Thomas and A. Leiponen. Decentralized Platforms and Application Markets.

P. Koutroumpis, A. Leiponen, and L. Thomas. Data Market Strategy.

PRESENTATIONS

Invited (and scheduled)

Discovering Data Strategies: A Topic Modeling Approach. Keynote Speaker at the Workshop of the *European Network on the Economics of the Firm: Innovation and Firms within the New Industrial Paradigm of the Digital Transformation* (hosted by LUISS University of Rome and University of Bergamo. January 2021.

Markets for Data. Invited presentation at the Intersection of Business, Law, and Technology conference. University of Florida Levin College of Law. Gainesville November 2019.

Innovation Strategies in Data Markets. NYU Stern Digital Innovation Conference September 2019.

Symposium speaker: Managing Multisided Platforms. Academy of Management annual meeting, Philadelphia, August 2019.

Invited keynote speaker on the Division of Innovative Labor: Interfirm Coordination. Consortium for Competitiveness and Cooperation, Duke University, June 2019.

PAEs and cooperation in standard setting. Invited presentation: Searle Center Research Roundtable on Patents and Technology Standards. Northwestern University School of Law. Chicago May 2019.

European Policy for Intellectual Property (EPIP) conference 2018. Invited plenary presentation: Markets for Data. ESMT Berlin, September 2018

Academy of Management, Chicago August 2018. Invited speaker in the dissertation consortium of the Strategic Management division.

DRUID debater on the usefulness of Community Innovation Surveys for empirical research. DRUID conference, Copenhagen, June 2018.

Faculty member at the Institutional and Organizational Economics Academy (formerly the European Summer School for New Institutional Economics), Cargese, France, May 2018.

The Economist [Innovation Summit](#) Chicago March 2018: Invited debater on AI and jobs.

Academy of Management, Atlanta August 2017. Invited speaker in the showcase symposium on Sharing Economy.

Munich Summer Institute. Keynote speaker on “The (Unfulfilled) Promise of Data Marketplaces.” Munich, June 2017.

Discussant at the 5th Annual Searle Center Research Roundtable on Patents and Technology Standards. Northwestern University School of Law. Chicago May 2017.

The Finnish Competition and Consumer Authority Workshop on the Data Economy and Platforms. Helsinki May 2017.

European Commission European Political Strategy Centre High-Level Hearing on Building a European Data Economy. Brussels, March 2017.

The Joint Research Centre/JJ Laffont Digital Chair at the Toulouse School of Economics Conference on the Economics of Data Ownership, Access and Trade. Brussels, March 2017.

Presentation on Digital Platforms at the Finnish Funding Agency for Technology and Innovation (TEKES). Helsinki November 2016.

Aalto University, Workshop on the Digital Disruption of Industry. Keynote speaker on “Data Strategy”. Helsinki November 2016.

Senior faculty mentor and speaker at the Technology and Innovation Management junior faculty consortium; Business and Public Policy teaching workshop; Organization Design workshop. Academy of Management, August 2016.

Faculty member at PhD Days, Bocconi University, Milan, June 2016.

Searle Center Roundtable on Technology Standards. Northwestern University School of Law, Chicago, May 2016.

Invited speaker at the Knowledge and Innovation Interest Group session on Data and Analytics for Strategy, Strategic Management Society conference, Denver CO, October 2015.

Invited speaker/mentor at the Competitive Strategy teaching workshop and Entrepreneurship and Strategy junior faculty workshop, Strategic Management Society conference, Denver CO, October 2015.

George Washington University CIBER conference on Fueling Innovation in the Global Economy, Washington DC, May 2015.

Searle Center Roundtable on Intellectual Property and Standard Setting: The Datasets. Northwestern University School of Law, Chicago, April 2015.

Tilburg Law and Economics workshop on Standardization and Licensing, Tilburg, Netherlands, January 2015.

Co-organizer of the Technology and Innovation Management junior faculty consortium, Academy of Management, Boston (USA), August 2012, Orlando (USA), August 2013.

Invited senior faculty mentor at the Technology and Innovation Management junior faculty consortium, Academy of Management, San Antonio (USA), August 2011.

Invited lecturer in the DIMETIC doctoral consortium on the Economics of Innovation at University of Strasbourg, April 2011.

Invited lecturer in the DIMETIC doctoral consortium on the Economics of Innovation at University of Strasbourg, March 2010.

Invited key note speaker in the Copenhagen Business School Conference on Knowledge Creation and Innovation, Denmark, October 2009.

Invited key note speaker in the DRUID Winter Conference, Aalborg University, Denmark, January 2009.

Invited speaker in the Professional Development Workshop on Collaborative Innovation Via Standard Setting: Resolving Individual vs. Collective Goals. Academy of Management annual meeting, Anaheim, August 2008.

Conferences and seminars

Discovering Data Strategies: A Topic Modeling Approach (co-authored with Farzam Boroomand and Gurneeta Vasudeva Singh)

Berkeley Open Innovation Seminar, Haas School of Business, University of California Berkeley, January 2021.

Virtual Digital Economy Seminar (hosted by LMU Munich and HEC Lausanne. November 2020.

Symposium organizer and speaker: The Firm as a Nexus of Smart Contracts: Blockchain-based Algorithmic Governance of Exchange. Academy of Management annual meeting, Philadelphia, August 2019.

Dear Enemies in Open Innovation Ecosystems (co-authored with Stephen Jones and Gurneeta Vasudeva)

Strategic Management Review Special Issue Conference on Open Innovation, Haas School of Business, University of California Berkeley, September 2018.

Dear Enemy: Conflict and Cooperation in a Mobile Phone Standard Development Organization (co-authored with Stephen Jones and Gurneeta Vasudeva)

Wharton Technology & Innovation Conference, University of Pennsylvania March 2018.

Whitman School of Management, Entrepreneurship and Emerging Enterprise seminar, Syracuse University, May 2018.

Searle Roundtable on Standard Setting Organizations and Patents, Northwestern University, Chicago, May 2018.

Industry Studies Conference, Seattle, May 2018.

Munich Summer Institute, June 2018.

Academy of Management Annual Meeting, Chicago, August 2018.

AOM Specialized Conference on Big Data and Management in the Digital Economy (Track Chair on Governance and Data Markets), Surrey, UK, April 2018.

Markets for Data (co-authored with Pantelis Koutroumpis and Llewellyn Thomas)

Syracuse University, Whitman School of Management. May 4, 2018.

Rensselaer Polytechnic Institute, December 2017.

The Young, the Old and the Innovative: Digital Strategies of Small Firms. Organizer of a Presenter Symposium, TIM, BPS and OMT divisions, Academy of Management, August 2017.

Digitization and Strategy: Competitive Implications of Digital Technologies and Big Data. Organizer of a Presenter Symposium, BPS and OMT divisions, Academy of Management, August 2016.

Invention Machines: How Instruments and Information Technologies Drive Global Technological Progress. NBER Summer Institute (Productivity and IT). Cambridge MA July 2016.

- Big Data Management and Strategy. Organizer of a Professional Development Workshop, All-Academy Theme, Academy of Management, August 2015.
- Power and Networks in Wireless Telecom Standard Setting (co-authored with Anne Ter Wal)
Cornell University Institute for Social Sciences May 2015
University of Toronto, March 2015.
Purdue University Krannert School of Business, January 2015
- Relational Financing of Innovation in Emerging Economies (co-authored with Sharon Poczter)
DRUID Conference, Rome, Italy, June 2015.
- Big Data and Innovation. Organizer of a Professional Development Workshop, Technology and Innovation Management division, Academy of Management, August 2014.
- Data-Driven Service Innovation. Service Innovation symposium (OCIS division), Academy of Management, August 2014.
- Putting All Eggs in One Basket? Capability Configurations and Survival of Entrepreneurial Startups (co-authored with T.-E. Symeonidou, E. Autio, and J. Bruneel)
Academy of Management, Entrepreneurship division, August 2014.
DRUID conference on Innovation, Entrepreneurship, and Strategy, June 2013, Barcelona, Spain.
- Financing Innovation in Emerging Economies (co-authored with Sharon Poczter)
Aalto University, Helsinki, June 2013.
Academy of Management, August 2016.
- Russian Governance: The Influence of Ownership Networks and Organizational Transparency on Long-Term Resource Commitment by Russian Listed Firms (co-authored with Imperial College PhD student Anna Grosman)
Academy of Management, Organization and Management Theory division, August 2013.
ISNIE Conference, June 2013.
Copenhagen Business School, May 2013.
National University of Singapore, March 2013.
Aalto University, Helsinki, January 2013.
Ludwig Maximilian University of Munich, January 2013.
- Patent Acquisition Services: A Market Solution to a Legal Problem or Nuclear Warfare? (co-authored with Henry Delcamp, PhD student at Ecole des Mines/ParisTech)
Academy of Management, Technology and Innovation Management Theory division, August 2014.
Oxford University, Said Business School, September 2013.
Aalto University, Helsinki, June 2012.
European Patent Office, Munich, June 2012.
- Small Worlds and Affiliation Networks in Wireless Telecom Standardization
Academy of Management, San Antonio, USA, August 2011.
Warwick Business School, January 2011.
Copenhagen Business School, November 2010.
MERIT, Maastricht University. October 2010.
- Innovating standards through informal consortia: The case of wireless telecommunications (co-authored with Henry Delcamp, PhD student at Ecole des Mines/ParisTech)
National University of Singapore, March 2013.
Oxford University, Said Business School, March 2013
Academy of Management conference, Boston, USA, August 2012.
DRUID Conference, Copenhagen, June 2012.
Stanford University, April 2012.
NBER Conference on Standards, Patents & Innovation Pre-Conference, January 2012.
NBER pre-conference on Standards, Patents & Innovation Pre-Conference, May 2011.

Capital Structure and Innovation in Emerging Economies (co-authored with Jiahong Zhang, PhD student)

University of Bath Business School, Strategic Management group, October 2010
Academy of Management, Montreal, August 2010
DRUID conference, London, June 2010.
Imperial College London, May 2010.
Wharton Technology Conference, April 2010
Copenhagen Business School, October 2009.

Committees and Networking in Standard Setting (co-authored with Talia Bar)

HEC, Paris, April 2010.
Ecole des Mines, Paris, November 2009.
London Business School, London, September 2009.
The 25th DRUID Celebration Conference on Entrepreneurship and Innovation, Copenhagen Business School, June 2008.
Roundtable on Engineering Entrepreneurship Research conference, Atlanta GA, November 2007.
Academy of Management annual meeting, Philadelphia, August 2007. Chair, organizer, and presenter in the TIM, BPS, and OMT symposium “Open Source, Open Standards and Distributed Innovation: Private Motives and Public Goods.”

Competing through Cooperation: The Organization of Standard Setting in Wireless Telecommunications

Invited presentations at Boston University and at University College London:, February 2008.
Conference on the Institutional Foundations for Industry Self-Regulation, Harvard Business School, Cambridge MA, February 2007
Academy of Management annual meeting, Atlanta, August 2006, TIM session on Technological Evolution
Invited plenary presentation: DRUID Conference on Knowledge, Innovation, and Networks, Copenhagen Business School, June 2006.
Wharton Technology Miniconference, University of Pennsylvania, Philadelphia, April 2006.

Are There Benefits of Breadth in Service Innovation?

Invited speaker: Workshop on Innovation in Firms. Center for Advanced Study at the Norwegian Academy of Science and Letters, Oslo, Norway, October 2007.

Can't Block, Must Run: Small Firms and Appropriability (co-authored with graduate student Justin Byma)

Academy of Management annual meeting, Philadelphia, August 2007.

When Does Distributed Innovation Make Sense? Location, Decentralization, and Innovation Success (co-authored with Constance Helfat).

Roundtable on Engineering Entrepreneurship Research conference, Atlanta GA, December 2006.
Harvard Strategy Conference, Harvard Business School, Cambridge MA, October 2006.
Academy of Management annual meeting, Philadelphia, August 2007, in the BPS and OMT symposium “Location, Location, Location.”
ETLA-BRIE collaborative workshop on Business Model Innovation and the Service Transformation, Helsinki, Finland, June 2006.

Technological Regimes or Strategy: Intra-industry Heterogeneity in the Organization of Innovation Activities (co-authored with Ina Drejer).

DRUID Conference on Dynamics of Industry and Innovation, Copenhagen Business School, June 2005.
Academy of Management annual meeting, New Orleans, August 2004, in TIM session “Technological Diversification and Relatedness”

Standards Development Strategies in Wireless Telecommunications.

Academy of Management annual meeting, New Orleans, August 2004. Chair, organizer in TIM, BPS, OMT symposium “Collaboration and Competition in Technology Development: The Case of Technical Standardization.”

Innovation Objectives, Knowledge Sources, and the Benefits of Breadth (co-authored with Constance Helfat)

Academy of Management annual meeting, New Orleans, August 2004 in BPS showcase symposium “Firm Evolution and Strategic Renewal: The Challenges and Consequences of Change.”

Conference in honor of Keith Pavitt: What Do We Know About Innovation? University of Sussex, Brighton UK, November 2003.

PhD Workshop on Survey Methods in Innovation Research.

Faculty member in the European Summer School on Industrial Dynamics (ESSID), organized by Bocconi University, Cargese, France, September 1-6, 2003; September 8-15, 2002.

Collaborative Innovation and Choice of Organization Form

European Association for Research in Industrial Economics, annual conference, Helsinki August 2003.

Organizational Knowledge and Innovation In Business Services

Academy of Management annual meeting, Seattle, August 2003, OMT division.

Conference on Creating, Sharing, and Transferring Knowledge at the Aalborg University (the DRUID group), Denmark, June 2003.

Control of Intellectual Assets in Client Relationships: Implications for Innovation

Academy of Management annual meeting, Seattle, August 2003, TIM division.

International Society for New Institutional Economics annual meeting, Cambridge, MA September 2002.

International J.A. Schumpeter Society biannual meeting, Gainesville FL, March 2002.

Conference on Industrial Dynamics in the New and the Old Economy at the Aalborg University (the DRUID group), Denmark, June 2002.

Organization of Knowledge Exchange: An Empirical Study of Knowledge-Intensive Business Service Relationships.

Academy of Management annual meeting, Denver, August 2002, TIM division.

Royal School of Technology, Stockholm, February 2001.

Institute of Industrial Relations, University of California, Berkeley, October 2000.

American Economic Association annual meetings, Atlanta, January 2002: Discussant in the session “The Internet, Knowledge-Based Industries, and Innovation.”

Knowledge-Intensive Business Services: Innovation and Interaction with the Manufacturing Sector

Finnish Foundation for Research and Development (SITRA), Helsinki, October 2001.

National Technology Agency of Finland, Helsinki, May 2001.

Investment in Competencies and Firm Performance – Increasing Returns from Knowledge Complementarities.

HEC, Paris, France, March 2001.

INSEAD, Fontainebleau, France, February 2001.

University of Michigan Business School, February 2001.

Anderson School of Business, UCLA, January 2001.

Cornell University, December 2000.

Haas School of Business, University of California, Berkeley, November 2000.

International Conference on Innovation and Supermodularity, UQAM and CIRANO, Montréal, Canada, June 2000.

Why Do Firms *Not* Collaborate? Competencies, R&D Collaboration and Innovation under Different Technological Regimes

Amos Tuck School of Business, Dartmouth College, USA, March 2000.

Core Complementarities of the Corporation: Knowledge and the Organization of an Innovating Firm.
European Association for Research in Industrial Economics (EARIE), Turin, Italy 9/1999.
CEPREMAP, Paris, France 6/1999.

Competencies, R&D Collaboration and Innovation under Different Technological Regimes
INRA, Toulouse, France, 11/1999
Applied Evolutionary Economics workshop at the University of Grenoble, France, 6/1999.
5EU-funded workshop on Innovation and Economic Change at the Technical University in Delft, The Netherlands, 2/1999.
Consortium on Competitiveness and Cooperation, Harvard Business School, 3/1998.

Dynamic Competencies and Firm Performance
International J. A. Schumpeter Society, Stockholm, Sweden, 6/1996.

Human Capital and Corporate Growth
European Association for Research in Industrial Economics (EARIE), Juan les Pins, France, 9/1995.

GRANTS, FELLOWSHIPS, and AWARDS

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| 2018 | \$7000 small grant from Cornell Institute for the Social Sciences for experimental work on digital privacy (with Joy Wu, PhD student) |
| 2016-2019 | Member of the BRIE-ETLA research consortium (UC Berkeley and ETLA the Research Institute of the Finnish Economy). Finnish Technology Agency funding for joint research activities with H. Koski, A. Kotiranta and M. Kulvik. |
| 2013–2015 | Member of the Cornell Institute for the Social Sciences theme project Creativity, Innovation and Entrepreneurship. Approximately \$300 000 grant from the university among 8 Co-Investigators. |
| 2013–2015 | £915,681 grant from Engineering and Physical Sciences Research Council (UK): Catalysing Economic Growth – Releasing the Value of Big Data. Principal Investigator (20% of time, supervising 2 post-doctoral researchers). |
| 2013 | £71,169 grant from European Institute of Innovation and Technology, Information and Communication Technology Labs: Impact of ICT on European Businesses. |
| 2012 | \$6000 seed grant from Cornell University Institute for the Social Sciences: Innovation of the Smart Grid. |
| 2011 | £5,910,480 grant from Engineering and Physical Sciences Research Council (UK): Digital City Exchange project. Co-investigator (10% of time, supervising 1 post-doctoral researcher). |
| 2011 | £271,000 grant from Technology Strategy Board (UK): Open Platform project. Co-investigator (10% of time, supervising 1 post-doctoral researcher). |
| 2009 | \$35,000 grant from Cornell University Agricultural Experiment Station (Hatch/Federal Formula Funds). Principal investigator in the project Financing of Innovation by Startup Companies. |
| 2008 | \$26,076 grant from the Research Institute of the Finnish Economy. Principal investigator in the project Issues in the Organization of R&D: Prior Art Search. |
| 2007 | \$3,600 grant from the Louis A. Zalaznick Assistantship fund to support an assistant for the Center for Business Model Innovation and the AEM 437 Innovation Strategy class. |
| 2006 | Included in the Academy of Management Best Paper Proceedings (among the top 8% of accepted papers to the AoM annual meeting) |
| 2006 | \$6,760 grant from the Louis A. Zalaznick Assistantship fund to hire an assistant for the Center for Business Model Innovation and the AEM 437 Innovation Strategy class. |

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| 2006 | \$8,030 grant from the Hatfield Fund to enhance AEM 437 Innovation Strategy by creating a cumulative database titled “Center for Business Model Innovation” |
| 2006-2009 | €20,489 grant from the Academy of Finland for the project Value creation and Capture from Emerging Technologies in a Globalizing Innovation Environment, shared with the Institute for Strategy and International Business, Helsinki University of Technology. |
| 2006-2007 | \$133,782 grant from the Finnish National Technology Agency and the Research Institute of the Finnish Economy. Principal investigator in the project Issues in the Organization of R&D: Decentralization and Spillovers. |
| 2005 | \$5000 seed grant from the Mario Einaudi Center for International Studies, Cornell University |
| 2005 | \$5000 seed grant from the Institute for the Social Sciences, Cornell University |
| 2004 | \$1200 travel grant from CALS International Programs, Cornell University |
| 2001-2006 | Principal investigator in the Station Project NYC-121307: Organization of Collaborative Innovation: Implications of Organizational Choices. Total award: \$45,000 over 5 years. |
| 2001-2004 | Research associate in the collaborative research consortium Wireless Economy between the Research Institute of Finnish Economy and BRIE at the University of California, Berkeley. |
| 2000 | Visiting post-doctoral research fellow, University of California, Berkeley |
| 1996-98 | Fulbright Scholarship 1996-1998 (University of California, Berkeley). |
| 1995 | Yrjö Jahnsson Foundation scholarship for PhD thesis research. |

Grants applied, not received

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| 2017 | Cornell team member for the NSF Smart & Connected Communities proposal (PI Oliver Gao, Engineering) |
| 2017 | ISS small grant: Data Sharing Experiments (with Zhouyu Wu; \$12,000) |
| 2017 | European Patent Office: ICT spillovers in Europe (with P. Koutroumpis & Llewellyn Thomas; €150,000) |
| 2010 | European Research Council Starting Grant: Innovation in the Networked Firm (€957,886) |

TEACHING AND ADVISING

Cornell University

Executive Education: “Innovating 5G” eCornell online course and in-person event for AT&T internal and AT&T Summit. Dallas, Sept 2019 and Nov 2019.

AEM 3220, Digital Business Strategy: spring 2002–2008; fall 2011–2015, 2017-2020 (cross-listed in the undergraduate program in Information Science, in the graduate program of the Cornell Institute for Public Affairs, and in the Entrepreneurship@Cornell program)

AEM 4370, Strategy and Innovation: fall 2002, 2003, spring 2005–2008, fall 2011–2013 (cross-listed in the graduate program of the Cornell Institute for Public Affairs and in the Entrepreneurship@Cornell program)

AEM 4371/6371 Innovation Case Studies: spring 2018–2020 (7-week course)

AEM 6991 MPS Research and Methods, fall 2018–2020 (co-taught).

AEM 6940, Research on Innovation (graduate-level course), fall 2012, 2013.

AEM 2200, Business Management and Organization: fall 2014, 2015.

AEM 3330, European Business Institutions: spring 2006, 2007, 2008

Imperial College London

Digital Business: (Master of Science in Management): spring 2011, 2012, 2013

Management of Innovation (Master of Science in Management; Joint Honors): spring, fall 2010
Innovation (doctoral course co-taught with A. Salter): spring 2010, 2011

Graduate advising

Zhe (Yolanda) Xue (Ph.D. Cornell University) expected 2023.

Xiaomeng Chen (Ph.D. Cornell University, committee member) expected 2023.

Ruyun Chen (Ph.D. Cornell University, committee member) expected 2023.

Zhouyu (Joy) Wu (Ph.D. Cornell University) expected 2021. First placement: Post-doctoral researcher at LMU Munich.

Maria Gradillas (Ph.D. Imperial College Business School) 2018. First placement: Post-doctoral researcher at University College London.

Anna Grosman (Ph.D. Imperial College Business School) 2013. First placement: Aston Business School.

Theoni-eirini (Noni) Symeonidou (Ph.D. Imperial College Business School, committee member) 2013. First placement: Warwick Business School (now tenured).

Jiahong Zhang (Ph.D. Applied Economics and Management) 2010. First placement: University of Shanghai.

Jonathan Church (M.A. Economics; minor member) 2007

Justin Byma (M.Sc. Applied Economics and Management; minor member) 2006

Eui Choi (M.A. Textiles and Apparel; minor member) 2004

PROFESSIONAL ACTIVITIES

Associate Editor, Research Policy 2020-

Co-Editor, media innovations, 2014-2019.

Strategic Management Society journals (Strategic Management Journal, Strategic Entrepreneurship Journal, Global Strategy Journal)

Guest Editor, Strategic Management Journal

Special Issue on Strategies for Platform Ecosystems, 2018–2019.

Editorial board member

Innovation: Organization and Management (newly launched journal) 2017-

Academy of Management Journal 2013-

Industrial and Corporate Change 2013-

Research Policy 2016-2019

Strategic Management Journal 2009-

Industry and Innovation 2006-

Occasional reviewer

National Science Foundation (United States), Organization Science, Management Science, Economic Journal, Economic Inquiry, Research Policy, International Journal of Industrial Organization, Journal of Economic Behavior and Organization, Information Economics and Policy, Journal of Evolutionary Economics, Economics of Innovation and New Technology, Industrial and Corporate Change, Structural Change and Economic Dynamics, Industry and Innovation, Technovation, Asia Pacific Management Review, International Journal of Technology Management, Finnish Economic Papers, Academy of Management conference (Business and Public Policy division and the Technology and Innovation Management division), SNF – Swiss National Science Foundation, Danish Council for Independent Research/Social Sciences.

Service: External

Academy of Management Technology and Innovation Management division: Executive and

Operational Committees, 2014–2019. Pre-conference program chair: 2014–2015. Conference program chair: 2015-2016. Chair-elect 2016-2017. Chair 2017-2018. Past chair 2018-2019.

TIM-Cornell midyear meeting and miniconference, Cornell Tech, January 2018.

Strategic Management Journal special issue conference in Minnesota, August 2018.
Organizer and chair, Imperial Big Data Workshop III, May 2016, London UK.
Organizer and chair, Imperial Big Data Workshop II, May 2015, London UK.
Organizer and chair, Imperial Big Data Workshop I, May 2014, London UK.
Program committee for IEEE conference on Big Data, Washington DC, October 2013.
Academy of Management Technology and Innovation Management division Executive Committee member (representative-at-large) 2011-2013.
Scientific committee of the 5th ZEW/Mannheim Center for Innovation Conference on the Economics of Innovation and Patenting, 2013.
Program coordinator for MSc Management Digital Business pathway, Imperial College Business School 2010-2012
PhD program director for Innovation and Entrepreneurship, Imperial College Business School 2009-2011
Danish Research Unit for Industrial Dynamics (DRUID) Scientific Advisory Committee 2008-
Advisory Board of Helsinki Institute of Science and Technology Studies (HIST, joint institute of Helsinki School of Economics, Helsinki University of Technology, and University of Helsinki) 2007-2009
Scientific Advisory Board member of VTT Technical Research Center of Finland 2007-2011

Service: Cornell University

Program Director, MPS in Applied Economics and Management 2019-
Cornell University Committee on Social Science Review: Social Science Structures 2017-18.
SC Johnson College of Business professional program review committee 2017-18
Cornell University Faculty Committee on Program Review, 2014-2017.
Cornell University College of Agriculture and Life Sciences Strategic Planning Committee 2013-2014
Cornell University Faculty Senate, 2011-2014.
Faculty advisor for Cornell AIESEC.
Faculty advisor for Cornell Consulting Club.
Cornell Institute for European Studies: Member of the Steering Committee 2006-2010
Cornell Institute for the Social Sciences review committee for the Small Grants Program 2006
University faculty ad hoc committee on Faculty Concerns for Section 108 of U.S. Copyright Law and its Implications for Libraries in a Digital Age, spring 2006

Memberships

Academy of Management, American Economic Association, International Joseph A. Schumpeter Society, International Society for New Institutional Economics (ISNIE), European Association for Research in Industrial Economics (EARIE), Kansantaloudellinen Yhdistys (The Finnish Economic Society).

Industry engagement

eCornell online course development: Innovating 5G 2019-2020
Executive education: AT&T 2019; Dallas Business Club 2020
Technology Industries Association of Finland: Data Markets and Strategies September 2018.
Basware business development summit: Data Strategies May 2018.
Elisa Telecommunications IoT and strategy consulting 2015-17.
F-Secure. Joint research proposal on digital trust and data sharing with F-Secure KEY, an identity management product 2014–2015.
Nokia crowdsourcing. White paper and consulting 2010.
Nokia innovation system. Consulting 2008.

Media coverage

[The Globe and Mail](#): “Video-conferencing company Zoom facing backlash over security, privacy concerns” 4/9/2020
[WSYR-TV/News Channel9](#): “5G” 2/6/2020
[Axios](#): “Apple needs a new act” 6/18/2019

[Yahoo News UK](#): “Apple schedules event for March 25 – but what is it launching?” 3/12/2019

[Democrat & Chronicle/USA Today](#): “Kicking out Charter Spectrum in New York called ‘pretty dramatic’” 7/30/2018

[Consumer Affairs](#): “New York bans Spectrum cable for failing state residents” 7/30/2018

[Post-Standard/Syracuse.com](#): “New York’s Move to Kick Spectrum Out of State ‘Pretty Radical’” 7/28/2018

Debater at [The Economist Innovation Summit](#) on the Impact of Artificial Intelligence on Jobs, Chicago, March 2018.

[China Daily USA](#): “China, US rushing to develop 5G networks” 1/30/2018

[WBNG News 12](#): Searching for a Signal: Improving cell service in the Southern Tier’s “dead zones”. 1/20/2018.

[Watertown Daily Times](#): “North country broadband expansion continues” 10/29/2017

[Morning Consult](#): “FTC Case Will Bring Greater Transparency to Qualcomm Licensing Practices” (Opinion column). 10/13/2017

[USA Today PressConnects](#): “Dead zones for cellular a way of life for many frustrated users across upstate New York” 10/12/2017

[Ithaca Journal](#): “Solutions to bad cellphone coverage are costly” 10/12/2017

[Kauppalehti](#) “ETLAn tutkimus: pienia yrityksia kannattaa suosia t&k-rahoituksessa” (“ETLA research: Small firms should be favored in R&D financing”). 8/2/2017

[USA Today Pressconnects](#) “Experts: TWC Lawsuit Appears Straightforward” 2/3/2017

[NPR All Things Considered](#) “Does the AT&T and Time Warner Merger Make Sense?” 10/28/2016

[International Business Times](#) “Exploring the underlying factors of poor mobile signals reveals more than location” 6/9/2016

[NetworkWorld](#) “Data is being hoarded, not commercialized” 5/20/2016

[NetworkWorld](#) “Low-income neighborhoods have worse cell-phone service, study finds 5/13/2016

[The Daily Mail](#): “Bad phone signal at home? You might live in a rough area!” 5/11/2016

[Communications of the ACM](#) “Poor Neighborhoods, Poor Signal” 5/3/2016

[Inside Towers](#) “Researchers find coverage disparity correlates with socioeconomic status”

[Cornell Chronicle](#) “Poor cell phone coverage creates a ‘mobile divide’”, also posted at [Phys.org](#) 5/3/2016

[Fast Company](#) “Poor Areas of Cities Have Really Terrible Mobile Service” 5/6/2016

[Huffington Post](#) “The Depressing Truth About Bad Cellphone Service” 5/3/2016

[Wired](#) “Yahoo’s keeping its Ali Baba stake – and spinning off the rest” 12/9/2015

[Money Radio](#) “Happiness, Opportunity and Technology” with John Barnabas 10/13/2015

[CNBC](#), [Yahoo Finance](#) “Why the Dell/EMC merger might not work” 10/13/2015