

# ANDREW JOEL NELSON

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Department of Management  
Charles H. Lundquist College of Business  
University of Oregon  
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## ACADEMIC POSITIONS

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- 2021 – present Randall C. Papé Chair in Entrepreneurship and Innovation  
Professor of Management  
University of Oregon  
*Other affiliation:* Phil and Penny Knight Campus for Accelerating Scientific Impact
- 2022 – 2023 Visiting Scholar, Management Science and Engineering  
Stanford University
- 2018 – 2021 Randall C. Papé Chair in Entrepreneurship and Innovation  
Associate Professor of Management  
University of Oregon
- 2015 – 2017 Associate Professor of Management  
University of Oregon
- 2008 – 2014 Assistant Professor of Management  
Bramsen Faculty Fellow in Innovation, Entrepreneurship and Sustainability  
University of Oregon  
*Other affiliations:* Center for Law & Entrepreneurship, New Media & Culture program
- 2012 Visiting Scholar, Center for Computer Research in Music and Acoustics  
Stanford University
- 2007 – 2008 Lecturer  
Department of Management Science and Engineering  
Stanford University

## ADMINISTRATIVE POSITIONS

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- 2016 – 2022 Associate Vice President for Entrepreneurship and Innovation  
University of Oregon
- 2015 – 2021 Academic Director, Lundquist Center for Entrepreneurship  
University of Oregon
- 2015 – 2016 Executive Director, Innovation Network @ UO  
University of Oregon

## EDITORIAL POSITIONS

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2023 – present Senior Editor, *Organization Science*

2019 – 2022 Associate Editor, *Academy of Management Journal*

## EDUCATION

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2007 Stanford University  
PhD in Management Science and Engineering

2000 Oxford University  
MSc (with distinction) in Economic and Social History

1998 Stanford University  
BA (with honors and distinction) in Science, Technology and Society *and*  
Music, Science and Technology

## DISSERTATION

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*Institutional Convergence and the Diffusion of University- Versus Firm-Origin Technologies*

- Committee: Steve Barley and Woody Powell (co-chairs), Kathy Eisenhardt, Mark Granovetter
- Winner of the 2008 INFORMS Best Dissertation Award (Technology Management Section)

## BOOKS

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Byers, Thomas, Richard Dorf, and **Andrew Nelson** (2018), *Technology Ventures: From Idea to Enterprise, 5<sup>th</sup> edition* New York: McGraw-Hill.

**Nelson, Andrew** (2015), *The Sound of Innovation: Stanford and the Computer Music Revolution* Cambridge, MA: MIT Press.

- Included in the *Inside Technology* series. Reviews appear in *Administrative Science Quarterly*, *Technology & Culture*, *Computer Music Journal*, *The British Journal for the History of Science*, *Wire*, *Neural*, *Silicon Valley Metro*, *IEEE Annals of the History of Computing*, *Scientia Canadensis*

Byers, Thomas, Richard Dorf, and **Andrew Nelson** (2014), *Technology Ventures: From Idea to Enterprise, 4<sup>th</sup> edition* New York: McGraw-Hill.

- Translated into Mandarin (2017)

Byers, Thomas, Richard Dorf, and **Andrew Nelson** (2010), *Technology Ventures: From Idea to Enterprise, 3<sup>rd</sup> edition* New York: McGraw-Hill.

- Translated into Italian (2011) and Croatian (2015)

## ARTICLES IN REFEREED JOURNALS

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**Nelson, Andrew** (2023), “Moving Entrepreneurship Education beyond Enterprise Creation” *Journal of Management Inquiry* 32(4): 251–277.

**Nelson, Andrew**, Callen Anthony, and Mary Tripsas (2023) “‘If I Could Turn Back Time’: Occupational Dynamics, Technology Trajectories and the Reemergence of the Analog Music Synthesizer” *Administrative Science Quarterly* 68(2): 551-599.  
– Nominated for the Best Paper in Innovation and Entrepreneurship, Industry Studies Association 2017 Annual Conference

Eberhart, Robert, Steve Barley, and **Andrew Nelson** (2022), “Freedom Is Just Another Word for Nothing Left to Lose: Entrepreneurialism and the Changing Nature of Employment Relations” *Research in the Sociology of Organizations* 81: 13-41.

Clayton, Paige, Lauren Lanahan, and **Andrew Nelson** (2022), “Dissecting Diffusion: Tracing the Plurality of Factors that Shape Knowledge Diffusion” *Research Policy* 51(1).

Tilleman, Suzanne, Mike Russo and **Andrew Nelson** (2020), “Institutional Logics and Technology Development: Evidence from the Wind and Solar Energy Industries” *Organization Science* 31(3): 649-670.

Waisberg, Isaac, and **Andrew Nelson** (2018), “When the General Meets the Particular: The Practices and Challenges of Interorganizational Knowledge Reuse” *Organization Science* 29(3): 432-448.  
– Nominated for 2019 Centre for Management Consulting Excellence Research Award

Hayter, Chris, **Andrew Nelson**, Stephanie Zayed, and Alan O’Connor (2018), “Conceptualizing Academic Entrepreneurship Ecosystems: A Review, Analysis and Extension of the Literature” *The Journal of Technology Transfer* 43(4): 1039-1082.

Howard-Grenville, Jennifer, **Andrew Nelson**, Andrew Earle, Julie Haack, and Doug Young (2017), “‘If Chemists Don’t Do It, Who’s Going To?’: Peer-Driven Occupational Change and the Emergence of Green Chemistry” *Administrative Science Quarterly* 62(3): 524-560.  
– Winner of the 2018 Responsible Research in Management Award (Community for Responsible Research in Business)  
– Runner-Up for the 2018 Research Impact on Practice Award (Academy of Management ONE division)  
– Winner of the 2015 Sustainability, Ethics and Entrepreneurship conference best paper award

Anthony, Callen, **Andrew Nelson**, and Mary Tripsas (2016), “‘Who Are You?...I Really Wanna Know’: Product Identity and Competitive Positioning in the Nascent Synthesizer Industry” *Strategy Science* 1(3): 163-183.

**Nelson, Andrew** (2016), “How to Share ‘A Really Good Secret’: Managing Sharing/Secrecy Tensions Around Scientific Knowledge Disclosure” *Organization Science* 27(2): 265-285.  
– Winner of the UC Davis Qualitative Research Conference 2010 best paper award  
– Runner-up for the Industry Studies Association 2013 best paper award  
– Selected for the INFORMS Editor’s Cut collection, “Securing Information in a Digital World.”

Grodal, Stine, **Andrew Nelson**, and Rosanne Siino (2015), “Help-Seeking and Help-Giving as an Organizational Routine: Continual Engagement in Innovative Work” *Academy of Management Journal* 58(1): 136-168.

– Winner of the 2015 Positive Organizational Scholarship Best Paper Award

**Nelson, Andrew** (2014), “From the Ivory Tower to the Startup Garage: How Organizational Context Shapes Commercialization Processes” *Research Policy* 43(7): 1144-1156.

**Nelson, Andrew**, and Jennifer Irwin (2014), “‘Defining What We Do – All Over Again’: Occupational Identity, Technological Change, and the Librarian-Internet Search Relationship” *Academy of Management Journal* 57(3): 892-928.

**Nelson, Andrew**, Andrew Earle, Jennifer Howard-Grenville, Julie Haack, and Doug Young (2014), “Do Innovation Measures Actually Measure Innovation? Obliteration, Symbolic Adoption and Other Finicky Challenges in Measuring Innovation Diffusion” *Research Policy* 43(6): 927-940.  
– Short version appears in: 2012 *Academy of Management Conference, Best Paper Proceedings*

**Nelson, Andrew**, and Erik Monsen (2014), “Teaching Technology Commercialization: Introduction to the Special Issue” *The Journal of Technology Transfer* 39(5): 774-779.

Mody, Cyrus and **Andrew Nelson** (2013), “‘A Towering Virtue of Necessity’: Interdisciplinarity and Computer Music at Vietnam-Era Stanford” *Osiris* 28: 254-277.  
– Winner of the 2014 IEEE Distinguished Contribution to Electrotechnical History award

**Nelson, Andrew** (2012), “Putting University Research in Context: Assessing Alternative Measures of Production and Diffusion at Stanford” *Research Policy* 41(4): 678-691.

**Nelson, Andrew** (2009), “Measuring Knowledge Spillovers: What Patents, Licenses and Publications Reveal about Innovation Diffusion” *Research Policy* 38(6): 994-1005.

**Nelson, Andrew** (2005), “Cacophony or Harmony: Multivocal Logics and Technology Licensing by the Stanford University Department of Music” *Industrial and Corporate Change* 14(1): 93-118.

## CHAPTERS IN EDITED BOOKS

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**Nelson, Andrew** (2017), “‘Standing on [Transparent] Shoulders’: Applying Open Source Approaches to Qualitative Management Research” in *Routledge Companion to Qualitative Research in Organization Studies* (Raza Mir and Sanjay Jain, eds.) New York: Routledge, pp. 378-390.

**Nelson, Andrew** (2016), “Managing Collaborations at the University-Industry Interface: An Exploration of the Diffusion of PCR and rDNA” in *Qualitative Organizational Research: Best Papers from the Davis Conference on Qualitative Research, Volume 3* (Beth Bechky and Kim Elsbach, eds.) Charlotte, NC: Information Age Publishing, pp. 53-90.

**Nelson, Andrew**, and Stefano Cazzago (2015), “Culture and Innovation” *The Concise Guide to Entrepreneurship, Technology, and Innovation* (David B. Audretsch, Christopher S. Hayter and Albert N. Link, eds.) Cheltenham, UK: Edward Elgar, pp. 20-27.

**Nelson, Andrew**, and Thomas Byers (2015), “Challenges in University Technology Transfer and the Promising Role of Entrepreneurship Education” in *The Chicago Handbook of University Technology Transfer and Academic Entrepreneurship* (Albert Link, Donald S. Siegel, and Mike Wright, eds.) Chicago, IL: University of Chicago Press, pp. 138-167.

**Nelson, Andrew**, and Thomas Byers (2005), “Organizational Modularity and Intra-University Relationships between Entrepreneurship Education and Technology Transfer” in *University Entrepreneurship and Technology Transfer: Process, Design, and Intellectual Property* (Gary Libecap, ed.) Stamford, CT: Elsevier Science/JAI Press, pp. 275-311.

## **OTHER PUBLICATIONS**

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Howard-Grenville, Jennifer, **Andrew Nelson**, Heather Vough, and Tammar Zilber (2021), “Achieving Fit and Avoiding Misfit in Qualitative Research” *Academy of Management Journal* From the Editors 64(5): 1313-1323.

**Nelson, Andrew** (2021), “Technology, Occupations, and (Non-)Deterministic Futures” *American Sociological Association Footnotes* 49(4)

**Nelson, Andrew** (2004), “Review of *Robert Stevenson: The Eminent Engineer* (Michael Bailey, ed.)” *Technology and Culture* 45(3): 650-652.

## **PAPERS IN PROGRESS**

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“Even Better than the Real Thing?: Exploring imitative technology products through the lens of electronic organs” Under review at *Strategic Management Journal*

“A Warrior with a Laptop: Using Metaphor to Organize and Motivate Technical Work” *Joint with Tongyu Wu.*

“‘Putting Players Out of Work’ or ‘Expanding the Fold’? Reassessing the Relationship between Technological and Occupational Change” *Joint with Mary Tripsas and Callen Anthony.*

“Network Attributes and Innovation Activities: Untangling Relationships through the Lens of Green Chemistry” *Joint with Andrew Earle*

“Path-Constrained Melioration and User Heterogeneity in Technology Trajectories: The Keyboard Interface and Electronic Musical Instruments”

“Building a New Technology-Based Field: The Emergence of ‘Telecommuting’” *Joint with Steve Barley and Diane Bailey*

## **RESEARCH AWARDS**

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- Centre for Management Consulting Excellence – Annual Research Award (2019) – nominee
- Stewart Distinguished Professor – University of Oregon (2018)
- Research Impact on Practice Award (runner up) – Academy of Management ONE division (2018)

- IACMR Responsible Research in Management Award (2018)
- Industry Studies Association – Best Paper in Innovation and Entrepreneurship (2017) – nominee
- Bramsen Faculty Fellow in Innovation, Entrepreneurship and Sustainability (2012-2016)
- Sustainability, Ethics and Entrepreneurship conference – Best Paper Award (2015)
- University of Michigan, Center for Positive Organizational Scholarship – Best Paper Award (2015)
- IEEE Distinguished Contribution to Electrotechnical History award (2014)
- University of Oregon, Lundquist College of Business Goulet Outstanding Research Award (2014)
- Western Academy of Management “Ascendant Scholar” (2014)
- Industry Studies Association “Rising Star” – runner-up (2013)
- Kauffman Foundation Junior Faculty Fellowship in Entrepreneurship (2009-2011)
- UC Davis, Conference on Qualitative Research – Best Paper Award (2010)
- INFORMS, Technology Management Section – Best Dissertation Award (2008)
- Stanford University School of Engineering PhD Fellowship (2001)

## **TEACHING AND SERVICE AWARDS**

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- Oregon Executive MBA Teaching Excellence Award (2022)
- Oregon Executive MBA Teaching Excellence Award (2020)
- Oregon Executive MBA Teaching Excellence Award (2019)
- Oregon Executive MBA Teaching Excellence Award (2018)
- Outstanding Reviewer Award, *Strategic Entrepreneurship Journal* editorial board (2017)
- Oregon Executive MBA Teaching Excellence Award (2017)
- Outstanding Reviewer Award, *Academy of Management Journal* editorial board (2016)
- Oregon Executive MBA Teaching Excellence Award (2016)
- Harry R. Jacobs, Jr. Professional Service Award – University of Oregon (2016)
- Oregon Executive MBA Teaching Excellence Award (2015)
- Business Advisory Council Undergraduate Teaching Award – University of Oregon (2013)
- James Reinmuth MBA Teaching Excellence Award – University of Oregon (2013)
- James Reinmuth MBA Teaching Excellence Award – University of Oregon (2011)
- James Reinmuth MBA Teaching Excellence Award – University of Oregon (2010)
- Business Advisory Council Undergraduate Teaching Award – University of Oregon (2009)
- James Reinmuth MBA Teaching Excellence Award – University of Oregon (2009)

## **GRANTS**

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- Business Oregon – “Regional Accelerator and Innovation Network” - \$390,190 (PI)
- T.J. Meyer Fund for Sustainability and the Environment – “Sustainable Innovation and Entrepreneurship Education” – 2012-2013 – \$10,976 (PI)

- National Collegiate Inventors and Innovators Alliance – 2011-2012 – \$50,000 (Co-PI)
- National Collegiate Inventors and Innovators Alliance – 2010-2011 – \$10,000 (Co-PI)
- Kauffman Foundation Junior Faculty Fellowship in Entrepreneurship – 2009-2011 – \$50,000 (PI)
- T.J. Meyer Fund for Sustainability and the Environment – “How Science-Based Solutions Move to Broad Practice” – 2009-2011 – \$34,566 (PI)

## **PRESS COVERAGE**

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*The Wall Street Journal, National Public Radio, Los Angeles Times, WIRED, Portland Business Journal, Oregon Business, Silicon Valley Metro, Inside Higher Ed, Comstock's, The Register-Guard, The Bend Bulletin, The Wire, AmEx Business Class*

## **CONFERENCE PRESENTATIONS\***

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*\*These are presentations in which I was the presenter. Presentations by co-authors are not listed.*

“Even Better than the Real Thing?: Electronic Organs and the Paradox of Imitative Technology Products”

- *West Coast Research Symposium on Technology Entrepreneurship*, September 2023
- *EGOS*, July 2023
- *Strategy Science Conference*, June 2023
- *Wharton Technology and Innovation Conference*, April 2023
- *Business History Conference*, March 2023

“Steve Barley’s Legacy in the Study of Occupations and Professions”

- *Academy of Management Annual Meeting*, August 2023

“Developing Management Theory from Historical Research”

- *Academy of Management Annual Meeting*, August 2023

“Entrepreneurship Education and the Entrepreneurial Society”

- *Business History Conference*, March 2023

“Work and Inequality in an Entrepreneurial Society: Some Provocations”

- *Academy of Management Annual Meeting*, August 2022

“Just Around the Corner?: Sustaining Enthusiasm for (Non-Emergent) Technological Practices”

- *Academy of Management Annual Meeting*, August 2022

“Archival Interviews”

- *Academy of Management Annual Meeting*, August 2022

“From Storage Units to Scrapbooks: Tactics for Finding Data in Novel Places”

- *Academy of Management Annual Meeting*, August 2022

“Entrepreneurship and the Climate Crisis”

– *4<sup>th</sup> Annual “Reversing the Arrow” Conference on Entrepreneurship and Society*, June 2022

“Play, Aesthetics and Entrepreneurship: Reflections through the Lens of Music Synthesizers”

– *Historical Entrepreneurship Research (USC)*, October 2021

“Mass Media and the Diffusion of an Entrepreneurial Ideology”

– *3<sup>rd</sup> Annual “Reversing the Arrow” Conference on Entrepreneurship and Society*, August 2021

“Musings on Occupations and Technological Change”

– *Academy of Management Annual Meeting*, August 2021

“Measuring the Impact of University Research and Commercialization”

– *Academy of Management Annual Meeting*, August 2021

“Maintaining and Changing Categories: Applying a Practice Lens to Categorization Theory”

– *Academy of Management Annual Meeting*, August 2020

“Back to the Future: Technology Reemergence through the Lens of Music Synthesizers”

– *West Coast Research Symposium on Technology Entrepreneurship*, September 2019

– *Industry Studies Association Conference*, May 2017

– *Academy of Management Annual Meeting*, August 2016

– *Kauffman Emerging Scholars Conference*, October 2014

“‘Putting Players Out of Work’ or ‘Expanding the Fold’? Reassessing the Relationship between Technological and Occupational Change”

– *Academy of Management Annual Meeting*, August 2019

“Maintaining, Altering and Deconstructing Categories: How Do Practices Matter?”

– *Academy of Management Annual Meeting*, August 2019

“When the General Meets the Particular: The Practices and Challenges of Interorganizational Knowledge Reuse”

– *Academy of Management Annual Meeting*, August 2018

“Standing on [Transparent] Shoulders: Applying Open Source Approaches to Qualitative Management Research”

– *Academy of Management Annual Meeting*, August 2017

“Qualitative Research”

– *Academy of Management Annual Meeting*, August 2016

“Teaching Technology Commercialization”

– *Academy of Management Annual Meeting*, August 2016

“‘Who Are You?...I Really Wanna Know’: Product Identity and Competitive Positioning in the Nascent Synthesizer Industry”

– *Wharton Technology and Innovation Conference*, April 2016

– *Kauffman Emerging Scholars Conference*, February 2016



“Insider-Driven Change in Fields of Practice: The Case of Green Chemistry”

- *Academy of Management Annual Meeting*, August 2015
- *Sustainability, Ethics and Entrepreneurship Conference*, May 2015
- *Cascadia Conference on Entrepreneurship and Sustainability*, June 2014
- *West Coast Research Symposium on Technology Entrepreneurship*, September 2013

“Public Science, Private Science, and the Sharing of Scientific Know-How”

- *Industry Studies Association Annual Meeting*, May 2013

“‘A Yahoo with Values and a Brain’: Occupational Identity, Technological Change, and the Librarian-Internet Search Relationship”

- *West Coast Research Symposium on Technology Entrepreneurship*, September 2012
- *Academy of Management Annual Meeting*, August 2012

“Do Innovation Measures Actually Measure Innovation? Obliteration, Symbolic Adoption, and Other Finicky Challenges in Tracking Innovation Diffusion”

- *Academy of Management Annual Meeting*, August 2012
- *West Coast Research Symposium on Technology Entrepreneurship*, September 2011

“Analyzing Networks and Institutions Through the Lens of University Commercialization”

- *Academy of Management Annual Meeting*, August 2011

“Getting the Job Done: Coordinating Work through Helping Behavior”

- *Academy of Management Annual Meeting*, August 2011

“Putting Universities in Context: Assessing Different Views of the Production and Diffusion of University-Generated Knowledge”

- *Technology Transfer Society (T2S) annual conference*, November 2010
- *Roundtable on Engineering Entrepreneurship Research (REER)*, November 2010
- *Academy of Management Annual Meeting*, August 2010
- *Danish Research Unit on Industrial Dynamics (DRUID)*, June 2010
- *Tilburg Conference on Innovation*, June 2010

“Dissecting Diffusion: A Longitudinal Perspective on Multiple Pathways and Competing Norms in the Transfer of Know-How”

- *UC Davis Conference on Qualitative Research*, March 2010
- *Academy of Management Annual Meeting*, August 2009
- *European Group for Organization Studies (EGOS)*, July 2009

“Do Technology Transfer Metrics Distort Knowledge Transfer Processes? Assessing Different Views of the Production and Diffusion of University-Generated Knowledge”

- *Smith (University of Maryland) Entrepreneurship Research Conference*, April 2010
- *INFORMS Annual Meeting*, October 2009
- *Technology Transfer Society (T2S) annual conference*, October 2009
- *West Coast Research Symposium on Technology Entrepreneurship*, September 2009

“Entrepreneurship Education and Technology Transfer: Towards an Analysis, Synthesis and Integration of the Literature”

– *Technology Transfer Society (T2S) annual conference*, October 2009

“Institutional Convergence and the Diffusion of University- versus Firm-Origin Technologies”

– *Scancor 20<sup>th</sup> Anniversary Conference*, November 2008

– *INFORMS Annual Meeting*, October 2008

– *Workshop on Paths of Developing Complex Technologies*, Freie Universität Berlin, September 2007

“Do Patents Really Capture Innovation? What License and Publication Data Tell Us about Patents as an Indicator”

– *Academy of Management Annual Meeting*, August 2008

“Studying Knowledge-Creating Collaboration in Universities”

– *Academy of Management Annual Meeting*, PDW panelist, August 2008

“How Collaborative Are Public- Versus Private-Science Organizations?”

– *Technology Transfer Society (T2S) Annual Conference*, September 2006

– *Roundtable on Engineering Entrepreneurship Research (REER)*, December 2006

– *Academy of Management Annual Meeting*, August 2007

“Institutional Influences on Knowledge Diffusion and Collaboration Networks”

– *14th Annual Consortium on Competitiveness and Cooperation (CCC)*, April 2007

“Path Constrained Melioration and Intertemporal Externalities in Technology Development and Diffusion: The Keyboard Interface and Electronic Musical Instruments”

– *Academy of Management Annual Meeting*, August 2005

“Reconciling Economic and Cultural Influences in the Diffusion of Early Railroad Signaling Technologies”

– *Academy of Management Annual Meeting*, August 2005

“Negotiating Work Schedules: The Micro-Foundations of Temporal Structures in Distributed Groups” (with Stine Grodal and Rosanne Siino)

– *Academy of Management Annual Meeting*, August 2004

– *INFORMS Annual Meeting*, November 2002

## **INVITED PRESENTATIONS**

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““Even Better than the Real Thing?": Electronic Organs and the Paradox of Imitative Technology Products” Drexel University, October 2023

““Even Better than the Real Thing?": Electronic Organs and the Paradox of Imitative Technology Products” HEC Paris, September 2023

““Even Better than the Real Thing?": Electronic Organs and the Paradox of Imitative Technology Products” Ethnography Atelier (EM Lyon), September 2023

“Even Better than the Real Thing?: Electronic Organs and the Paradox of Imitative Technology Products” University of Washington, May 2023

“Even Better than the Real Thing?: Electronic Organs and the Paradox of Imitative Technology Products” UC Santa Barbara, February 2023

“Back to the Future: Technology Reemergence through the Lens of Music Synthesizers” UC Irvine, October 2021

“Back to the Future: Technology Reemergence through the Lens of Music Synthesizers” Baruch College (CUNY), April 2021

“Back to the Future: Technology Reemergence through the Lens of Music Synthesizers” IESE, November 2020

“Back to the Future: Technology Reemergence through the Lens of Music Synthesizers” Chalmers University of Technology, October 2020

“Talking Science – to Other Scientists” UO Center for Science Communication Research, February 2020

“Back to the Future: Technology Reemergence through the Lens of Music Synthesizers” Stanford University, April 2019

“Back to the Future: Technology Reemergence through the Lens of Music Synthesizers” Wharton School (University of Pennsylvania), March 2019

“Radical Interdisciplinarity and Other Ingredients for Innovation” GreenX plenary, Green Chemistry and Engineering Conference, June 2016

“If Chemists Don’t Do It, Who’s Going To?»: Peer-Driven Occupational Change and the Emergence of Green Chemistry” Oregon State University, May 2016

“Who Are You?...I Really Wanna Know’: Product Identity and Competitive Positioning in the Nascent Synthesizer Industry” Stanford University, May 2016

“Who Are You?...I Really Wanna Know’: Product Identity and Competitive Positioning in the Nascent Synthesizer Industry” University of Utah, January 2016

“How to Share a Really Good Secret: Managing Sharing/Secrecy Tensions Around Scientific Knowledge Disclosure” Imperial College London, June 2015

“How Science-Based Sustainability Solutions Can Have Impact – and Why They May Not” University of California at Santa Barbara, May 2015

“Radical Interdisciplinarity and Other Ingredients for Innovation” San Diego State University, April 2015

- “Back to the Future: Technology Lifecycles, Authenticity and the Oscillation between Analog and Digital Sound” Santa Clara University, April 2015
- “Insider-Driven Change in Fields of Practice: The Case of Green Chemistry” University of California at Santa Barbara, November 2014
- “Robust Action and the Rise of the CCRMA-lites: The Emergence, Sustenance and Renewal of Computer Music at Stanford” Stanford University, October 2014
- “How to Share ‘A Really Good Secret’: Managing Sharing-Secrecy Tensions in Scientific Knowledge Disclosure” Boston College, October 2014
- “Robust Action and the Rise of the CCRMA-lites: The Emergence, Sustenance and Renewal of Computer Music at Stanford” Rice University, April 2014
- “Managing Sharing/Secrecy Tensions around Scientific Knowledge Disclosure” Duke University, October 2013
- “On the Origins and Impact of Interdisciplinary Organizations” Stanford University, April 2013
- “Radical Interdisciplinarity and Other Ingredients for Innovation” TEDx Oregon, February 2013
- “Public Science, Private Science, and the Sharing of Scientific Know-How” Simon Fraser University, January 2013
- “Measuring University Innovation” Reed College, November 2012
- “Dissecting Diffusion: A Longitudinal Perspective on Multiple Pathways and Competing Norms in the Transfer of Know-How” University of Oregon Department of Sociology, January 2011
- “The Musician-Engineer: Lessons from Three Eras of Technology Development and IP Management in Stanford’s Music Department” MIT, May 2009
- “Institutional Convergence and the Diffusion of University- versus Firm-Origin Technologies” *Center for Intellectual Property Law & Information Technology*, DePaul University, April 2009
- “Competing Institutional Prescriptions and the Diffusion of University- versus Firm-Origin Technologies” *SCANCOR Seminar*, Stanford University, November 2007
- “Assessing the Diffusion of University-Invented Technologies” *Ministry of Science, Technology and Innovation*, Denmark, September 2007
- “Relationships Between Entrepreneurship Education and Technology Transfer” *Innovationsbron*, Sweden, May 2007
- “What Do We Really Know About University Technology Transfer?” General Motors, October 2006
- “Do Public Science Institutions Breed Collaborative Technologies?” Max Planck Institute of Economics, August 2006
- “Institutional Change and Technology Licensing by the Stanford Music Department” Max Planck Institute of Economics, July 2005

“Creating Markets for Music Technologies” *Center for Computer Research in Music and Acoustics*, Stanford University, May 2005

“Organizational Modularity and Intra-University Relationships Between Entrepreneurship Education and Technology Transfer” *Kauffman Foundation Colloquium on University Technology Transfer and Entrepreneurship Education*, January 2005

“Do University Technology Development Efforts Really Help Technology Development – or Even Universities?” *UC Berkeley/Stanford Symposium on Universities & Industry*, November 2004

“The Social Shaping of Technological Fields: An Analysis of Telecommuting” *General Motors Collaborative Research Laboratory Review Meeting*, October 2004

“The Social Shaping of Technological Fields: An Analysis of Telecommuting” *University College London Symposium on Work, Technology and Organizations*, August 2004

## **RESEARCH INTERESTS**

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Emergence of science- and technology-based fields  
Technology and occupational dynamics  
Diffusion of scientific and technological knowledge  
Commercialization of university research  
Innovation metrics

## **PROFESSIONAL EXPERIENCE**

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Venture Partner, Oregon Venture Fund (2022-present)  
Associate Director, Stanford University Office of Development (1999-2001)  
Intern, United States Senate, Senator Max Baucus (1998)  
Interpretive Ranger, U.S. Army Corps of Engineers (1995-1996)

## **TEACHING EXPERIENCE**

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*University of Oregon:*

PhD Seminars

*Seminar in Organization Theory*

Fall 2019 (No quantitative rating)

*Seminar in the Economics and Sociology of Science and Technology*

Winter 2014 (No quantitative rating)

*Seminar in Networks and Institutions*

Winter 2011 (No quantitative rating)

Winter 2009 (No quantitative rating)

Executive MBA and Executive Education Courses

*Entrepreneurial Opportunities*

Spring 2022 (No quantitative rating)

Spring 2021 (No quantitative rating)  
Spring 2020 (No quantitative rating)  
Spring 2019 (Instructor rating 4.94/5)  
Spring 2018 (Instructor rating 4.96/5)  
Spring 2017 (Instructor rating 4.85/5)  
Winter 2017 (Instructor rating 4.7/5)  
Winter 2016 (Instructor rating 4.9/5)  
Winter 2015 (Instructor rating 4.8/5)  
Summer 2014 (Instructor rating 4.6/5)  
Summer 2013 (Instructor rating 4.5/5)

*Corporate Entrepreneurship*

Spring 2022 (No quantitative rating)  
Spring 2021 (No quantitative rating)  
Spring 2013 (No quantitative rating)  
Summer 2012 (Instructor rating 4.6/5)

MBA Courses

*Recognizing Business Opportunities*

Winter 2022 (No quantitative rating)  
Winter 2019 (Instructor rating 4.9/5)  
Winter 2018 (Instructor rating 4.8/5)  
Winter 2017 (Instructor rating 4.8/5)  
Winter 2016 (Instructor rating 4.9/5)  
Winter 2015 (Instructor rating 4.89/5)  
Winter 2014 (Instructor rating 4.92/5)  
Winter 2013 (Instructor rating 4.85/5 – Section I; 4.75/5 – Section II)  
Winter 2012 (Instructor rating 4.92/5 – Section I; 4.96/5 – Section II)  
Winter 2011 (Instructor rating 4.82/5)  
Winter 2010 (Instructor rating 4.92/5)  
Winter 2009 (Instructor rating 4.96/5)

Other Graduate Courses

*Technology Ventures: From Concept to Commercialization*

Winter 2022 (No quantitative rating)  
Winter 2021 (No quantitative rating)

*Lens of the Market (Innovation for Scientists)*

Summer-Fall 2018 (No quantitative rating)  
Fall-Winter 2016-17 (No quantitative rating)

Undergraduate Courses

*Launching New Ventures*

Autumn 2015 (Instructor rating 4.70/5)  
Winter 2015 (Instructor rating 4.83/5)  
Autumn 2014 (Instructor rating 4.88/5 – Section I; 4.75/5 – Section II)

Autumn 2013 (Instructor rating 4.92/5 – Section I; 4.83/5 – Section II)  
Spring 2013 (Instructor rating 4.89/5 – Section I; 4.71/5 – Section II)  
Spring 2012 (Instructor rating 4.90/5 – Section I; 4.92/5 – Section II)  
Spring 2011 (Instructor rating 4.81/5 – Section I; 4.86/5 – Section II)  
Winter 2010 (Instructor rating 4.84/5)  
Autumn 2009 (Instructor rating 4.71/5 – Section I; 4.70/5 – Section II)  
Autumn 2008 (Instructor rating 4.68/5 – Section I; 4.81/5 – Section II)

*Stanford University:*

PhD Seminars (SCANCOR)

*Assessing Institutions Through Network Structure and Change*

Summer 2007 (No quantitative rating)

Summer 2006 (No quantitative rating)

Executive Education Courses

*High-Technology Entrepreneurship*

Summer 2007 (No quantitative rating)

Summer 2006 (No quantitative rating)

Summer 2005 (No quantitative rating)

Summer 2004 (No quantitative rating)

Graduate Courses

*Management and Organization of Research & Development*

Autumn 2007 (Instructor rating 4.41/5)

Undergraduate Courses

*Issues in Technology and Work for a Post-Industrial Economy*

Spring 2008 (Instructor rating 4.62/5)

Spring 2007 (Instructor rating 4.22/5)

*Management of Technology Ventures*

Autumn 2005 (Instructor rating 5.00/5)

*National Arts Strategies:*

Executive Education

*Extending Your Reach (Alliances and Partnerships)*

Winter 2018 (No quantitative rating)

Autumn 2013 (No quantitative rating)

**Teaching Assistant:**

*Stanford University:*

*Management of Technology Ventures* (Undergraduate level) – 10 terms

*Organizational Behavior and Management* (Graduate level) – 1 term

*Management and Organization of Research & Development* (Graduate level) – 2 terms

*Work, Technology and Organizations* (Graduate level) – 1 term

## TEACHING INTERESTS

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Entrepreneurship and innovation  
Management of research and development  
Organization theory  
Qualitative and historical research methods

## PHD COMMITTEES

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Hyeonjin Cha (Management), “Essays on Hybrid Organizations” Completion targeted for June 2024  
[Member]

Ouafaa Hmaddi (Management), “The Effect of Local Acceleration on Nascent Ventures: A Cross-Comparison of Moroccan Regions” Completed June 2022 *Placement: City University of New York*  
[Chair]

Benjamin Innis (Management, Boston College), “All the Things You Are: Constitutive Practices and Category Dynamics of Jazz, 1945-1979” Completed May 2022 *Placement: Roger Williams University*  
[Member]

Raina Krivana (Chemistry), “Plasmonic Copper Selenide Dendrites for Enhanced Photo-Fenton Decomposition of Organic Pollutants” Completed May 2022 *Placement: R&D Senior Scientist, Moses Lake Industries* [Outside Member]

Aaron McDonald (Management), “Restoring Undermined Institutions: Firms’ Use of Nonmarket Strategies to Respond to Digital Piracy” Completed May 2020 *Placement: California State University, San Marcos* [Member]

Marouane Bousfiha (Technology Management and Economics, Chalmers University of Technology), “The Lived Experience of Academic Entrepreneurship: The Interplay between Practice, Identity, and Context” Completed May 2020 *Placement: University of Gothenburg (PostDoc)*  
[Opponent]

Hassan Awad (Management), “The Legitimation of Proto-Institutions among Multiple Communities” Completed June 2019. *Placement: California State University, Los Angeles* [Chair]

Jeff Gish (Management), “Dynamic Performance in New Venture Evaluation” Completed June 2019. *Placement: University of Central Florida* [Member]

Kari Zacharias (Science and Technology Studies, Virginia Tech), “New Experiments in Art and Technology: The Quest for Transdisciplinary Creativity in the Contemporary Research University” Completed August 2018. *Placement: Concordia University* [Member]

Callen Anthony (Management, Boston College), “Tools of Strategic Knowledge: Three Essays on the Relationship Between Calculative Tools and Strategic Knowledge” Completed June 2018. *Placement: New York University* [Member]



Tongyu Wu (Sociology), “Coding ‘Productive Masculinity’: Gendered Meaning of Exploitation in High-Tech Corporations” Completed May 2018. *Placement: Zhejiang University* [Member]

Andrew Earle (Management), “Explore with Strangers, Exploit with Friends: A Study of Organizational Ambidexterity and Networks in Technology Commercialization” Completed June 2013. *Placement: University of New Hampshire* [Member]

Jennifer Irwin (Management), “The More Things Change, the More They Stay the Same: Institutional Maintenance in the Face of Social and Technical Change in American Public Libraries, 1876-2006” Completed June 2012. *Placement: Louisiana State University* [Member]

## **PROFESSIONAL MEMBERSHIPS**

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Academy of Management  
American Sociological Association  
Business History Association  
Industry Studies Association  
Society for the History of Technology  
Strategic Management Society

## **SERVICE**

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### Professional

Senior Editor: *Organization Science* (2023-present)

Associate Editor: *Academy of Management Journal* (2019-2022)

Editorial Board member: *Strategic Entrepreneurship Journal* (2014-present), *Innovation: Organization & Management* (2016-present), *Academy of Management Journal* (2013-2019, 2023-present)

Ad Hoc Reviewer: *Administrative Science Quarterly*, *Strategic Management Journal*, *Research Policy*, *National Science Foundation*, *Organization Studies*, *Strategy Science*, *Stanford University Press*, *Journal of Technology Transfer*, *Journal of Business Venturing*, *IEEE Transactions on Engineering Management*, *Journal of Management Studies*, *History and Technology*, *Engineering Studies*, *Journal of Professions and Organizations*, *Industry and Innovation*, *Technology Transfer and Entrepreneurship*, *Vienna Science and Technology Fund*, *Academy of Management annual meetings (TIM and OMT divisions, TIM dissertation awards, TIM best paper award, and All-Academy Theme Submissions)*, *DRUID annual meetings*, *Organization Science dissertation proposal competition*, *Industry Studies Association emerging scholar award*

Panelist: Various workshops and PDWs associated with the Academy of Management TIM, OMT and ENT divisions; the Industry Studies Association; and the Business History Association (2010-present)

INFORMS Technology Management Section: Led membership analysis (2008–2009)

### University of Oregon – University Wide

Member, Search Committee for Vice President for Research and Innovation (2020-2022)  
Member, Search Committee for Director of Economic Development and Entrepreneurship (2020-2021)  
Member, Knight Campus for Accelerating Scientific Impact internal advisory board (2016-2020)  
Member, Provost's Faculty Hiring Advisory Committee (2017-2018)  
Member, University Venture Development Fund board (2015-2018)  
Member, Search committee for Graduate School Career Planning Manager (2016)  
Member, Research Advisory Board (reports to Provost) (2012-2017)  
Member, Faculty Advisory Group, Office of the President (2013-2014)  
Member, Center for Law and Entrepreneurship board (2009-2013)

### University of Oregon – Lundquist College of Business

Member, Oregon Executive MBA Academic Committee (2023-present)  
Coordinator, Department of Management "ProSem" (2023-present)  
Chair, Search Committee for Entrepreneurship Center Director (2021-2022)  
Faculty guide, Oregon Executive MBA Global Trip (2021)  
Member, MBA Academic Committee (2018-2022)  
Member, New Venture Championship advisory committee (2018-2022)  
Member, Oregon Executive MBA Academic Committee (2018-2021)  
Chair, Search Committee for Professor of Management (OB) – (2019-2020)  
Chair, Search Committee for Professor of Management (sustainability) – (2019-2020)  
Faculty guide, Oregon Executive MBA Global Trip (2019)  
Member, Graduate Programs Review Committee (2018-2019)  
Chair, Search Committee for Professor of Management (strategy) – two lines (2018-2019)  
Chair, Search Committee for Professor of Management (OB) – two lines (2018-2019)  
Chair, Search Committee for Professor of Management (sustainability) (2017)  
Faculty guide, Oregon Executive MBA Global Trip (2017)  
Member, Promotion and Tenure Committee (2016-2017)  
Chair, MBA Academic Committee (2016-2017)  
Chair, Centers of Excellence review team (2016-2017)  
Member, Oregon Executive MBA Academic Committee (2015-2017)  
Member, Review Committee for Non-Tenure-Track Faculty Promotions (2016)  
Chair, Master's Program Committee (2015-2016)  
Chair, Search committee for Warsaw Sports Marketing Center director (2015)  
Coordinator, Department of Management PhD program (2014-2015)  
Member, Search committee for Assistant Professor of Management (2014-2015)  
Member, Search committee for MBA Associate Director (2012)  
Member, Dean's committee on center-based strategies (2011)  
Member, Search committee for Associate Professor of Management (2009-2010)  
Member, Search committee for Assistant Professor of Management (2009-2010)  
Member, Business school web page committee (2008-2009)

### Stanford University

Organizer, Center for Work, Technology and Organizations Colloquium Series (2002-2007)

## Other

Co-Organizer, West Coast Research Symposium on Technology Entrepreneurship (2016-present)

Co-Organizer, West Coast Research Symposium doctoral workshop (2009-2015)

## **SELECT ACTIVITIES AND VOLUNTEER POSITIONS**

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Board of Advisors Member, Plaito.ai (2023-present)

Board of Advisors Member, Stanford Technology Ventures Program (2016-present)

Member, Stanford Associates (2013-present)

Member, American Guild of Organists (2009-present)

Board Member, Eugene Regional Accelerator and Innovation Network (RAIN) (2015-2018)

Board of Advisors Member, Rising Tide Innovations/Skyward (acquired by Verizon) (2013-2014)

President, Stanford Alumni Club of Eugene (2009-2012)

Organist, Episcopal Church of the Resurrection (2009-2011)

Founder, EnvelopeMusic (2001-2008)

Board Member, American Guild of Organists, Peninsula Chapter (2004-2008)

Alumni Relations Board Member, Haas Center for Public Service (Stanford) (2002-2007)

Varsity Athlete (baseball), Oxford University (1998-1999)

Board Member, Stanford In Government (1996-1998)