

## CAMERON D. MILLER

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### ACADEMIC POSITIONS

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Associate Professor of Management	2023 –
Assistant Professor of Management Syracuse University, Martin J. Whitman School of Management	2017 – 2023
Fellow, Institute for an Entrepreneurial Society, Syracuse University	2023 –

### EDUCATION

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Ph.D. in Business Administration University of Minnesota, Carlson School of Management Concentration: Strategic Management Minor: Applied Economics	2017
M.A. in Economics University at Albany, State University of New York Concentrations: Financial Economics and International Economics	2004
B.S. in Business Administration ( <i>Cum Laude</i> ) Duquesne University Major: Marketing	2002

### RESEARCH INTERESTS

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Platforms & Ecosystems, Technology Strategy, Competitive Strategy, Evolutionary Economics, Product Development, Intersection of Finance & Strategy

### RESEARCH & PUBLICATIONS

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#### Journal Articles

Miller, C.D., & Wang, R.D. (2024). Digitization and product differentiation strategy change: Evidence from the book publishing industry. *Strategic Management Journal*, 45(7): 1241 – 1272.

## **RESEARCH & PUBLICATIONS (Continued)**

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Chen, RR, Miller, C.D., & Toh, P. (2023). Search on an NK Landscape with Swarm Intelligence: Limitations and Future Research Opportunities. *Algorithms*, 16(11), 527; 1–24.

Agarwal, S., Miller, C.D., & Ganco, M. (2023). Growing platforms within platforms: How platforms manage the adoption of complementor products in the presence of network effects. *Strategic Management Journal*, 44(8): 1879 – 1910.

Chen, R.R., Miller, C.D., & Toh P. (2023). Modeling firm search and innovation trajectory using swarm intelligence. *Algorithms*, 16(2): 72; 1 – 20.

Miller, C.D., & Toh, PK. (2022). Complementary components and returns from coordination within ecosystems via standard setting. *Strategic Management Journal*, 43(3): 627 – 662.

Abotorabi, H, Wiklund, J., Johnson, A.R., & Miller, C.D. (2021). A holistic approach to the evolution of an entrepreneurial ecosystem: An exploratory study of academic spin-offs., *Journal of Business Venturing*, 36(5), 106 –143.

Ganco, M., Miller, C.D., & Toh, PK. (2020). From litigation to innovation: Firms' ability to litigate and technological expansion through human capital. *Strategic Management Journal*, 41(13): 2436 – 2473. (Authors listed alphabetically by last name)

Wang, R.D., & Miller, C.D. (2020). Complementors' engagement in an ecosystem: A study of publishers' e-book offerings on Amazon Kindle. *Strategic Management Journal*, 41(1): 3 – 26.

Toh, PK., & Miller, C.D. (2017). Pawn to save a chariot, or drawbridge into the fort? Firms' disclosure during standard setting and complementary technologies within ecosystems. *Strategic Management Journal*, 38(11): 2213 – 2236.

Finnerty, J.D., Miller, C.D., & Chen, R.R. (2013). The impact of rating announcements on credit default swap spreads. *Journal of Banking & Finance*, 37: 2011 – 2030.

### **Practitioner-Oriented Publications, Popular Press, & White Papers**

Miller, C.D. (2024) June 4. Regulatory proposals threaten Buffalo's burgeoning tech scene. *Buffalo News*.

Agarwal, S., Miller, C.D., & Ganco, M (2024). Growing platforms within platforms. When apps have network effects, platforms orchestrate their markets differently. <https://platformpapers.com/blog/>

## **RESEARCH & PUBLICATIONS (Continued)**

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Miller, C.D., (2023). June 22. Op-ed: Vague antitrust bill would derail state's economic future. *Crain's New York Business*.

Miller, C.D. (2023). Busted: How the Twenty-First Century Anti-Trust Act will harm New York's economy, disincentivize innovation, and open the floodgates of litigation. *The New York Civil Justice Institute*, 1 – 19.

Miller, C.D. (2022), September. State's economy could be damaged by crusade against tech. Guest Opinion, *The News Journal*, Wilmington, Delaware.

Miller, C.D. (2022), July. Congress's antitrust crusade will harm consumers, businesses. Guest Opinion, *The Post-Standard*, Syracuse, New York.

Miller, C.D., & Wagman, L. (2022), July. How populist antitrust legislation would harm the U.S. tech startup ecosystem. *Data Catalyst Institute*, 1 – 19.

Miller, C.D., & Wang, R.D. (2022), May. A new economic lens for exploring the negative effects of digital platform antitrust legislation on American small businesses. *Data Catalyst Institute*, 1 – 16.

Wang, R.D., & Miller, C.D. (2020), July 15. How third-party sellers can make Amazon work for them. *Harvard Business Review (Digital)*.

### **Proceedings**

Ganco, M., Miller, C.D., & Toh, PK. (2019). From litigation to innovation: A firm's ability to litigate and its expansion into new technological domains. In Guclu Atinc (Ed.), *Proceedings of the Seventy-ninth Annual Meeting of the Academy of Management*.

Miller, C.D., & Toh, PK. (2018). Complementary technologies and returns to disclosure during standard setting. In Guclu Atinc (Ed.), *Proceedings of the Seventy-eighth Annual Meeting of the Academy of Management*. Online ISSN: 2151-6561.

- Distinguished Paper Award Winner, Strategic Management Division of Academy of Management

### **Papers In The Review Process**

Toh, P. & Miller, C.D. Generative or exclusionary? How ecosystems evolve with coordination and standardization. R&R at *Organization Science*.

Agarwal, S., & Miller, C.D. The experimentation and reputation dilemma associated with digital rating systems: Evidence from the Apple App Store. Under review at *Strategic Management Journal*.

## **RESEARCH & PUBLICATIONS (Continued)**

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### **Papers In Progress**

Miller, C.D., & Toh, P. Theory of the firm in ecosystems.

Miller, C.D., Agarwal, S., & Ganco M. Promote not to innovate? Platform management across heterogeneous product segments.

Miller, C.D., & Agarwal, S. Tradeoffs in the management of platform ecosystems through reputation mechanisms.

Miller, C.D, & Wang, R.D. The evolution of ecosystems: How complementarities drive entry and exit dynamics.

Miller, C.D., Toh, P., & Pyun, E. Technological convergence or divergence? Platform standardization and complementors' search.

Miller, C.D., Toh, P. & Chen, R.R. Imitation or differentiation? An application of the Swarm model to firm search.

Agarwal, S., Miller, C.D. & Chung, S. Product abandonment decisions in digital ecosystems.

Miller, C.D., Plaksenkova, E., & Agrawal, S. How the technological structure of the ecosystem shapes complementor's strategy: Evidence from the iOS ecosystem.

Boysen, A., & Miller, C.D. Less than the sum of its parts: Value in coadoption of partial substitutes.

Miller, C.D., & Kim, R. Competitive effects of rival M&A.

Miller, C.D., Toh, P., & Pyun, E. Does standardization increase technological search efficiency and effectiveness?

Miller, C.D. When do matching methods make sense? The behavioral assumptions implied by conditional independence.

Miller, C.D. Value appropriation in cooperative settings: Evidence from patent litigation related to technology standards.

Agarwal, S., & Miller, C.D. Complementor ties and value creation in ecosystems.

## **RESEARCH & PUBLICATIONS (Continued)**

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### **Dissertation & Thesis**

Miller, C.D. (2017). Value creation, appropriation, and product design strategies in technology ecosystems: Three essays on the role of complementary technologies. Dissertation, University of Minnesota.

Committee: J. Myles Shaver, PK Toh, Shaker Zahra, Martin Ganco, Jay Coggins

Miller, C.D. (2004). Real and nominal bond yields: An analysis of empirical duration and portfolio optimization. Thesis Paper, University at Albany, SUNY.

Advisor: Bruce Dieffenbach

### **AWARDS & HONORS**

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#### **Research**

Wiley Top Cited Article 2020-2021: Complementors' engagement in an ecosystem: A study of publishers' e-book offerings on Amazon Kindle published in *Strategic Management Journal*

Best Proposal Award for Rigor in Research Finalist. Competitive Strategy Interest Group, Strategic Management Society Meeting 2021

Edward Pettinella Professorship in Business, Whitman School of Management, 2020 – 2022

Distinguished Paper Award, Strategic Management Division, Academy of Management, 2018

Wiley Blackwell Best Dissertation Award Finalist, Strategic Management Division, Academy of Management, 2018

Standard & Poor's Bronze Achievement of Excellence Award Winner For 2008

Standard & Poor's Publishing Council Excellence Award For 2006

#### **Service & Teaching**

Best Reviewer, Competitive Strategy Interest Group, Strategic Management Society, 2024

Best Reviewer, *Strategic Management Journal*, 2022

Extraordinary Service to the Editorial Board, *Organization Science*, 2020 – 2021

**AWARDS & HONORS (Continued)**

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Best Reviewer, *Strategic Management Journal*, 2019 – 2020

Best Reviewer, *Academy of Management Perspectives*, 2020

Outstanding Reviewer, *Academy of Management Perspectives*, 2019

Best Reviewer, Knowledge and Innovation Group, Strategic Management Society, 2018

Outstanding Contribution in Reviewing, *Journal of Banking and Finance*, 2017

Outstanding Reviewer, Business Policy & Strategy Division, Academy of Management, 2017

Outstanding Reviewer, Business Policy & Strategy Division, Academy of Management, 2015

Outstanding Reviewer, Technology and Innovation Management Division, Academy of Management, 2014

Student Teaching Award, Carlson School of Management, 2014 – 2015

**SERVICE**

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**Editing**

**Associate Editor**, *Strategic Management Journal*, 7/2024 –

**Editorial Review Board**

*Organization Science*, 2020 –

*Strategic Management Journal*, 2021 – 2024

**Ad hoc Reviewer**

Journals: *Academy of Management Journal*, *Academy of Management Perspectives*, *California Management Review*, *European Economic Review*, *European Journal of Information Systems*, *Information and Management*, *Journal of Banking & Finance*, *Journal of Organizational Design*, *Management Science*, *Long Range Planning*, *Strategic Entrepreneurship Journal*, *Strategic Management Review*, *Strategic Organization*

Conferences & Programs: ICIS, INFORMS/Organization Science Dissertation Competition, Strategy Research Foundation Dissertation Grant Program, Strategy Research Foundation Faculty Grant Program, Academy of Management Conference, Strategic Management Society Meetings

**SERVICE (Continued)**

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**Other External Service**

AoM Strategic Management Division Virtual PDW Organizer: Mastering Conference Presentations, 2024

Industry Studies Association Conference Innovation & Entrepreneurship Best Paper Committee Chair 2024 –

Innovation & Entrepreneurship Track Chair, Industry Studies Association Conference 2024

Membership Engagement Committee, Academy of Management, Strategic Management Division (STR) 2023 –

Industry Studies Association Conference Best Paper Committee 2022

Research Committee, Academy of Management, Strategic Management Division 2021 – 2023

Competitive Strategy Track Chair, Academy of Management Conference 2020

Competitive Strategy Track Chair, Academy of Management Conference 2018

**University & School Service Committees**

Chair of Research Committee, Whitman School of Management, Syracuse University, 2024 –

Member of Research Committee, Whitman School of Management, Syracuse University, 2020 – 2023

Senator, University Senate, 2023 –

- University Research Committee, 2023 –

**Other University & School Service & Activities**

Moderator, Syracuse University Talks Business: What does inflation, interest rates, and FX risks mean for businesses and the labor market, April 2023

Moderator, Innovation in a Multi-national enterprise, April 2023

Moderator, Panel on management issues faced by U.S. companies based on COVID-19, re-emergence of China, and Russian/Ukraine War, April 2022

## **SERVICE (continued)**

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Moderator, Strategic thinking for managers for the Institute for Veterans and Military Families at Syracuse University, August 2021

Brownbag on publishing for Whitman PhD Students, Syracuse University, October 2022

Brownbag on how to review papers for Whitman PhD Students, Syracuse University, February 2021

## **TEACHING EXPERIENCE**

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Advanced Strategy (Doctoral), Syracuse University

- Spring 2021

Strategic Management (MBA), Syracuse University

- Spring 2025

Strategic Management (Undergraduate), Syracuse University

- Spring 2018 – 2024

Technology Strategy & Innovation (Undergraduate), Syracuse University

- Spring 2024 –

Fundamentals of Management (Undergraduate), University of Minnesota  
Spring 2014

## **TEACHING INTERESTS**

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Strategy, Technology Strategy and Innovation, Research Methods

## **INVITED PRESENTATIONS**

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University of Hawaii at Manoa, Shidler College of Business	2024
Rensselaer Polytechnic Institute, Lally School of Management	2024
University of North Carolina Chapel Hill, Organizations, Markets, Platforms, & Regions Conference	2021
Boston University, Questrom School of Business	2020
University of Wisconsin, School of Business	2017
Syracuse University, Whitman School of Management	2016
The Ohio State University, Fisher School of Business	2016
University of Colorado, Leeds School of Business	2016
University of Connecticut, School of Business	2016
University of Nebraska-Lincoln, College of Business Administration	2016
University of Pennsylvania, Wharton School	2016
University of Minnesota, Multidisciplinary Academic Research Summit	2015



## CONFERENCE PRESENTATIONS & PANELS

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A misguided approach to antitrust: An analysis of 21st Century Antitrust Act and general thoughts on recent antitrust trends. Lawsuit Reform Alliance of New York, Albany, NY. October 2023.

Promote not to innovate? Platform management across heterogeneous product segments, Strategic Management Society Conference, Toronto, Canada, October 2023.

Experimentation, feedback, and reputation: evidence from the iOS Platform,

- Academy of Management Conference, Boston, August 2023.
- Strategic Management Society Conference, Toronto, Canada, October 2023.

Co-Organizer, Teaching Platforms and Ecosystems PDW. Academy of Management Conference Boston, August 2023.

Platform owner management strategies and entrepreneurial opportunities for complementors in the ecosystem. Conference on fostering innovative entrepreneurial ecosystems: Implications for theory and practice, Technical University of Denmark, Copenhagen, Denmark., June 2023.

From Generative to exclusionary? The role of firms in exclusionary evolution of standards-based ecosystems. Industry Studies Association, Columbus, Ohio, June 2023.

Growing platforms within platforms: How platforms manage the adoption of complementor products in the presence of network effects. Strategic Management Society Conference, September 2022, London, United Kingdom.

Keynote Speaker, title: Challenges in managing product categories on digital multisided markets. In the resources, capabilities, and competitive advantage in the digital era PDW, Academy of Management Conference, August 2022, Seattle, WA.

Value capture through complementarities in ecosystems, presented in paper symposium, complementary assets—a new look, Academy of Management Conference, August 2022, Seattle, WA.

Academy of Management STR Virtual Panel Organizer: Theory of the firm and competitive advantage in ecosystems, May 2022.

Technological convergence or divergence? Platform standardization and complementors' search, on the paper panel platforms and ecosystems: Building and sustaining competitive advantages. Academy of Management Conference, August 2021.

## **CONFERENCE PRESENTATIONS & PANELS (Continued)**

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Generative or exclusionary? How ecosystems evolve with coordination and standardization.

- Strategic Management Society Conference, October 2021.
- Academy of Management Conference, August 2021.

Managing competition or complementarities? Tradeoffs in the management of platform ecosystems through selective promotion.

- Consortium on Competitiveness and Cooperation, Innovation Brownbag, April 2021.
- Consortium on Competitiveness and Cooperation, Industry Dynamics Brownbag, April 2021.

Product strategy in a nascent market: The effect of complementary products on new product design. Academy of Management Conference Virtual, August 2020.

Digital technology-enabled product proliferation strategy.

- Austin Technology and Entrepreneurship Conference, February 2020, Austin, TX.
- Academy of Management Conference Virtual, August 2020.
- Strategic Management Conference Virtual, October 2020.
- Industry Studies Association Annual Conference, June 2021.

Co-organizer of panel: perspectives on ecosystem research: Big questions and future directions, Academy of Management Conference, August 2019, Boston, MA.

Panelist: Managing your dissertation workshop, Academy of Management Conference, August 2019, Boston, MA.

Discussant: occupational licensing in a tax incidence framework, Syracuse University conference on the changing nature of work and workplaces June 2019, Syracuse, NY.

From litigation to innovation: A firm's ability to litigate and its expansion into new technological domains.

- Wharton Technology and Innovation Conference, April 2019, Philadelphia, PA.
- Academy of Management Conference, August 2019, Boston, MA.

Co-organizer of Panel: Ecosystems Research: Taking Stock and Promising Directions, Strategic Management Society Conference, September 2018, Paris, France.

Product Strategy, Complementarities, and Endogenous Market Segmentation, Strategic Management Society Conference, September 2018, Paris, France.

## **CONFERENCE PRESENTATIONS & PANELS (Continued)**

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Complementary technologies and returns to disclosure during standard setting.

- Strategic Management Journal Conference, October 2018, Minneapolis, MN.
- Strategic Management Society Conference, October 2017, Houston, TX.
- Wharton Technology and Innovation Conference, April 2018, Philadelphia, PA.
- Industry Studies Association Conference, May 2018, Seattle, WA.
- Academy of Management, August 2018, Chicago, IL.

Managing relationships with a platform: An empirical study of publishers' e-book offerings on Amazon Kindle.

- Strategic Management Society Conference, October 2015, Denver, CO.
- Multidisciplinary Academic Research Summit, July 2015, Minneapolis, MN.
- Academy of Management Conference, August 2017, Atlanta GA.
- Strategy Science Conference, June 2018, Philadelphia, PA.
- Platform Strategy Research Symposium, July 2018, Boston, MA.

Product strategy in nascent markets: The effect of complementarities within the firm's product portfolio on market entry and product design choices. Consortium on Competitiveness and Cooperation (CCC), June 2016, Milan, Italy.

Technology strategy for standard setting: The role of firms' technological scope. Academy of Management Conference, August 2014, Philadelphia, PA.

An analysis of bond and loan recovery rates in different stress periods and across the capital structure. Leveraged Finance Hot Topics Conference, December 2010, New York, NY.

An empirical investigation of recovery rates. Leveraged Finance Hot Topics Conference, December 2009, New York, NY.

Panelist, "Credit, rating, and valuation modeling," The 2nd Annual EITC Business & Management Workshop: "Mortgage Risk Management: Crisis and Solutions," April 2009, Taipei Economic and Cultural Office, New York, NY.

U.S. corporate default outlook. Credit Scoring and Loss Given Default Seminar, December 2008, New York, NY.

## **PROFESSIONAL EXPERIENCE**

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**Director**, Global Fixed Income Research Department  
Standard & Poor's, New York, NY 2006 – 2011

**Senior Analyst**, Research & Analytics Development Department  
The Modeling Group, LLC, Stamford, CT 2005 – 2006

## **PROFESSIONAL AFFILIATIONS**

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American Economic Association, Academy of Management, Strategic Management Society

## **DISSERTATION COMMITTEE MEMBERSHIP**

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### **Member & Oral Defense Chair:**

Almantas Palubinskas (Entrepreneurship and Emerging Enterprises, Syracuse U.)  
Entrepreneurial firms and nonmarket strategy: Lessons from the drone industry, 2020.

Hooman Abootorabi (Entrepreneurship and Emerging Enterprises, Syracuse U.)  
Three essays on academic entrepreneurship: A focus on how academic spin-offs evolve over time. 2022.

Devin Stein, (Entrepreneurship and Emerging Enterprises, Syracuse U.). Community Organizing and Complex Social Issues: Wildfire Management in California. 2023.

### **Member**

Yi Huang, (Management, Syracuse U.). Ongoing.

Ran Quan, (Management, Syracuse U.). Ongoing.

Zhiyuan Yu, (Management, Syracuse U.). Ongoing.

## **CONSORTIUMS & PROFESSIONAL DEVELOPMENT**

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Academy of Management Business Policy & Strategy Dissertation Consortium 2016, Anaheim, CA.

Consortium on Competitiveness and Cooperation 2016, Milan, Italy.

Academy of Management Technology & Innovation Management Doctoral Consortium 2014, Philadelphia, PA.

12<sup>th</sup> Annual West Coast Research Symposium–Doctoral Consortium 2014, University of Washington Seattle, WA.

*Updated: January 20, 2024*