

July 1, 2020

## AURORA L. GENIN

(Formerly Aurora Liu)

Ph.D., M. Biotech, Honour B.Sc.

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### ACADEMIC POSITIONS

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**Assistant Professor** 2018 – Present  
Strategic Management, Dept. of Management  
**Isenberg School of Management, University of Massachusetts-Amherst**

### EDUCATION

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**Ph.D. in Business Administration** (Policy & Strategy Area) 2013 – 2018  
Dissertation: Strategically Poised: Balancing, Learning, and Innovating in Co-opetition  
Committee: Justin Tan (Chair), Stan Xiao Li, Christine Oliver  
**Schulich School of Business, York University**

**Master of Biotechnology** 2010 – 2012  
Concentration: Biopharmaceutical & Bioengineering  
**School of Engineering and Applied Science, University of Pennsylvania**

**Honours Bachelor of Science** 2006 – 2010  
Program/Major: Life Sciences/Molecular Genetics  
Thesis: Essential Genes and Signaling Pathways for Apoptosis Maintenance in Hematopoietic Stem Cells  
**School of Medicine/Faculty of Arts and Science, University of Toronto**

### RESEARCH

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- *I investigate competition and cooperation strategies in the intersection between knowledge creation and technological commercialization.*
- *My work focuses on innovation-driven and/or knowledge-intensive industries, such as biotechnology, high-speed rail, quantum computing, and renewable energy.*
- *My research contexts span both developed and emerging economies to glean rich insights on diverse institutional conditions for the interplay of strategies and innovation.*

### PEER-REVIEWED PUBLICATIONS

**Genin, A. L.,** Tan, J., & Song, J. (2020). State governance and technological innovation in emerging economies: State-owned enterprise restructuring and institutional logic dissonance in China's high-speed train sector. *Journal of International Business Studies*, 1-25.

Slade Shantz, A., Fischer, E., **Liu, A.** and Lévesque, M. (2019), Spoils from the spoiled: strategies for entering stigmatized markets. *Journal of Management Studies*, 56: 1260-1286.

**Liu, A.** (2016). Friends and foes: towards a cognition- and resource-based model of co-opetition. *Academy of Management Best Paper Proceedings*, 2016(1), 15910.  
(*Organization and Management Theory Division Best Student Paper Award Finalist*)

Chan, G., ..., **Liu, A.**, and Sharma, T. (2011). Essential role for Ptpn11 in survival of hematopoietic stem and progenitor cells. *Blood*, 117(16), 4253-4261.

## PAPERS UNDER REVIEW

***“Relational assets or liabilities? Competition, collaboration, and firm intellectual property development in the Chinese high-speed train sector”***, with Justin Tan & Jane Song. (Revise & Resubmit: *Journal of International Business Studies*)

***“Interorganizational knowledge flows in academia-industry collaboration: economic impacts of science-based firm innovation”***, with Moren Lévesque. (Revise & Resubmit: *IEEE Transactions on Engineering Management*)

## SELECTED WORKING PAPERS

***“Open or closed? Pluralistic network configuration and firm innovation: evidence from the Chinese high-speed train sector”***, with Justin Tan & Jane Song. (Writing. Submission target: *Strategic Management Journal*)

***“The duality in diversification: the internal and external configurations of diversification and their performance impacts”***, with Stan Xiao Li & Xi Qu. (Writing. Submission target: *Strategic Management Journal*)

***“Does reliance on science disrupt corporate innovation?”***, with Xiaoshu Bei. (Writing. Submission target: *Strategic Management Journal*)

***“Board diversity and corporate innovation”***, with Wenting Ma, Vineet Bhagwat, & Gennaro Bernile. (Data analysis. Submission target: *Management Science*)

***“Ignorance is bliss? Board-firm knowledge asymmetry and technological innovation at small firms”***, with Laura Gasiorowski. (Writing. Submission target: *Academy of Management Journal*)

## DATASET CONSTRUCTION

Linking Patent-to-Science Citations to Corporate Records (Financial Performance, M&A, Strategic Alliance, Public-Private Partnerships) for Public Firms in the U.S.

Linking Firm-Rival Product Market Similarity, Patent Citation Scope, and Corporate Records for Public Firms in the U.S.

## INVITED TALKS AND PRESENTATIONS

The Impact of Nonstar-star Knowledge Proximity and Collaborative Network Structure on Nonstar Inventors' Innovation Productivity. *SMS Annual Conference*. Minneapolis, MN, October 2019.

Ambiguity-Based Antecedents of Innovation Velocity: A Congruence Perspective. *AOM Annual Conference*. Boston, MA, August 2019.

Horizontal M&A and Firm Innovation: Contingency Roles of Collaboration and Knowledge Network Embeddedness. *INFORMS Speaker Series (UMass-Amherst)*. Amherst, MA, February 2019.

Stars and Constellations: Interaction between High-Caliber Experts and Internal Collaboration Networks on Firm Innovation. *SMS Annual Conference*. Paris, France, September 2018.

To Learn or To Mis-Learn? Firm Innovation and the Double-Edged Sword of Knowledge Network Embeddedness in Technology Transfer. *AOM Annual Conference*. Chicago, IL, August 2018.

How Do Patent- and Alliance-Based Learning Influence Coopetition Pursuits? *AOM Annual Conference*. Atlanta, GA, August 2017.

Unpacking Coopetition and Innovation: Contingency Roles of Pluralistic Network Embeddedness. *AOM Annual Conference*. Atlanta, GA, August 2017.

Spoils from the Spoiled: Strategies for Entering Stigmatized Markets. *AOM Annual Conference*. Atlanta, GA, August 2017.

Tacit Learning, Absorptive Capacities, and Firm Innovation in University-Firm Technology Transfer. *SMS Special Conference: Transforming Entrepreneurial Thinking into Dynamic Capabilities*. Banff, AB, June 2017.

A Tale of Two Markets: Interplay between Product Market Competition and Technology Market Cooperation. *AOM Annual Conference*. Anaheim, CA, August 2016.

Friends and Foes: Towards a Cognition- and Resource-Based Model of Coopetition. *AOM Annual Conference*. Anaheim, CA, August 2016.

Beyond Schumpeter: Creative Destruction or Creative Construction? *Administrative Sciences Association of Canada Annual Conference*. Halifax, NS, July 2015.

## TEACHING

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### **Isenberg School of Management, University of Massachusetts-Amherst**

2018 – Present            Business Policy and Strategy (MGMT494BI), BBA Capstone Course

### **Schulich School of Business, York University**

2016 – 2018            Strategic Management (SGMT3000), BBA/iBBA Capstone Course

2014                      Teaching assistant for *Management of Contemporary Enterprises*, undergraduate mandatory course

2015                      Teaching assistant for *Corporate Strategic Management (SGMT6000)*, MBA mandatory course

### **Wharton Business School, University of Pennsylvania**

2012                      Teaching assistant for *Management and Economics of Pharmaceutical, Biotech, and Medical Device Industries (HCMG863)*, MBA elective course

Teaching assistant for *Comparative Health Care Systems (HCM859)*, MBA elective course

## PROFESSIONAL SERVICES AND MEMBERSHIPS

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## PEER REVIEWING

- 2018 – Present Ad hoc reviewer for: *Entrepreneurship Theory & Practice*; *Journal of Management Studies*; *Journal of International Business*
- 2014 – Present Conference reviewer for: *Academy of Management Annual Meetings*; *Strategic Management Society Annual and Special Conferences*
- 2019 – Present Research grant reviewer for: *National Science Foundation (NSF) Cyberinfrastructure for Sustained Scientific Innovation (CSSI) program*

## **PROFESSIONAL MEMBERSHIPS**

- 2014 – Present Academy of Management (AOM)  
 2015 – Present Strategic Management Society (SMS)  
 2016 – Present Academy of International Business (AIB)

## **INSTITUTIONAL SERVICES**

- 2018 – 2019 UMass-Amherst Isenberg Strategic Management Recruiting Committee  
 2018 – 2019 UMass-Amherst Isenberg Strategic Management Ph.D. Admission Committee  
 2017 – 2018 Public engagement representative of the York University Graduate Student Union  
 2015 – 2017 Graduate faculty representative of the Schulich Ph.D. Association  
 2011 – 2012 Graduate representative of the Penn-Wharton Biotech Consulting Club at the University of Pennsylvania  
 2011 – 2012 Campus Liaison for the Wharton Venture Initiation Program at the University of Pennsylvania  
 2008 – 2010 Workshop organizer for Medical Biophysics Summer Research Symposium, co-hosted by the University Health Network and the University of Toronto

## **GRANTS AND AWARDS**

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- 2019 – Massachusetts Society of Professors (MSP) Research Grant  
 2019 – UMass-Amherst Teaching Excellence & Faculty Development Flex Grant  
 2018 – Isenberg School of Management Faculty Operation Grant  
 2018 Schulich School of Business Ph.D. Research & Community Award  
 2018 York University Best Doctoral Dissertation Nominee  
 2016 Academy of Management (AOM) Organization and Management Theory (OMT) Division Best Student Paper Award Finalist  
 2016 Schulich Dissertation Proposal Prize  
 2016 York University Graduate Research Grant  
 2013 – 2018 Seymour Schulich Ph.D. Research Grant  
 2013 – 2015 Ontario Graduate Scholarship  
 2010 Hosinec Family Scholarship  
 2008 – 2009 Medical Biophysics Undergraduate Research Scholarship  
 2008 Shou-Yun Pang Undergraduate Scholarship  
 2010 Graduate with Distinction, Faculty of Arts and Science, University of Toronto  
 2007 – 2010 Dean's List, Faculty of Arts and Science, University of Toronto  
 2006 Ontario Scholar

## **PROFESSIONAL EXPERIENCES**

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2012 – 2013      Consultant, **Boston Consulting Group** (Shanghai)  
2010 – 2011      Statistician (Bioinformatics Specialist), **Valence Pharmaceuticals** (Hong Kong)  
2008 – 2009      Research Assistant, **Ontario Cancer Institute** (Toronto)  
2007 – 2009      Clinical Research Coordinator, **Toronto General Hospital** (Toronto)  
2008 – 2009      Clinical Interpreter, **Toronto Mount Sinai Hospital** (Toronto)