



Kyle H. Goldschmidt

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Department of Operations and
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BIOGRAPHY

Research – Dr. Goldschmidt’s research interests lie in the field of strategic supply chain management, with a focus on supply chain disruptions. His work has appeared in several academic journals in the field of operations and supply chain management, including *Manufacturing & Service Operations Management*, *International Journal of Production Economics*, *Annals of Operations Research* and *the International Journal of Disaster Risk Reduction*.

Teaching and Mentoring – Dr. Goldschmidt has extensive teaching experience across a wide range of course content, academic programs and delivery formats. He currently teaches the core analytics courses, Decision Analysis, in the undergraduate program, and Spreadsheet Modeling and Data Visualization, in the graduate program. Dr. Goldschmidt has served as the *Summa Cum Laude* chair for two students and on the *Summa Cum Laude* committee for five students. He has received several instructional innovation awards and has been nominated for numerous awards for teaching excellence.

Leadership – Dr. Goldschmidt served on the committee to develop the Business Analytics concentration and assisted in the development of the Data Analytics Minor. He currently serves on the University Business Analytics and Data Analytics Advisory Boards. He is the chair of the Opus College of Business teaching committee and has previously served on and chaired the research committee. Dr. Goldschmidt currently serves as the Opus College of Business Course Development Coordinator, working with the college faculty to transition to new course delivery formats, developing faculty online pedagogy proficiency and analyzing the college’s preparedness for online learning.

Professional Service – Dr. Goldschmidt has served as a reviewer for multiple journals, including *Decision Sciences*, *International Journal of Disaster Risk Reduction*, *International Journal of Physical Distribution & Logistics Management* and the *Journal of Manufacturing Systems*. He also serves as an INFORMS analytics mentor, providing guidance and information to professional members.

Outreach – Dr. Goldschmidt frequently engages with managerial audiences, participating in executive education, leading executive seminars, and presenting to professional organizations. He has served as a mentor in supply chain management to local executives and organizations. Dr. Goldschmidt’s research and expertise has been profiled in numerous local and national media outlets.

Academic Work Experience

2014-Present Assistant Professor, Operations and Supply Chain Management
University of St. Thomas, Opus College of Business
Saint Paul, MN

Education

2014 Ph.D. Supply Chain & Information Systems
The Pennsylvania State University, Smeal College of Business
University Park, PA

2009 Master of Business Administration
The Pennsylvania State University, Smeal College of Business
University Park, PA

2002 B.S.E. Mechanical Engineering and Applied Mechanics
University of Pennsylvania, School of Engineering and Applied Science
Philadelphia, PA

Research

Research Interests

Strategic Supply Chain Management
Supply Chain Risk and Disruptions
Humanitarian Operations and Crisis Management
Sustainable Supply Chain Management

Business Publications: Journal Articles

Goldschmidt, K.H., Kremer, M., Thomas, D., & Craighead, C.W. (2020). Strategic sourcing under severe disruption risk: Learning failures and under-diversification bias. *Manufacturing & Service Operations Management*. <https://dx.doi.org/10.2139/ssrn.2481099>

Goldschmidt, K.H., Olson, J.R., McLaughlin, D.B. (Forthcoming). Reducing Wait Times at the Hennepin County Service Centers. *Lean & Six Sigma Review*.

Goldschmidt, K.H., Kumar, S., Yang, M. (2018). Will Aging Voting Machines Cause More Voters to Experience Long Waits? *International Journal of Production Economics*, 198, 1-10.
<https://doi.org/10.1016/j.ijpe.2018.01.027>

Goldschmidt, K.H., Kumar, S. (2017). Reducing the Cost of Humanitarian Operations through Disaster Preparation and Preparedness. *Annals of Operations Research*, 283(1), 1139-1152.
<https://doi.org/10.1007/s10479-017-2587-z>

- Goldschmidt, K. H., & Kumar, S. (2016). Humanitarian operations and crisis/disaster management: A retrospective review of the literature and framework for development. *International Journal of Disaster Risk Reduction*, 20, 1-13. <https://doi.org/10.1016/j.ijdr.2016.10.001>
- Goldschmidt, K. H., Harrison, T. P., Holtry, M., & Reeh, J. (2013). Sustainable Procurement: Integrating Classroom Learning with University Sustainability Programs. *Decision Sciences Journal of Innovative Education*, 11(3), 279–294. <https://doi.org/10.1111/dsji.12007>

Veterinary Publications: Journal Articles

- Inga, A., Bradley, C., Drobatz, K., Goldschmidt, K., Mauldin, E. (2020). Sterile granulomatous dermatitis and lymphadenitis (juvenile cellulitis) in adult dogs: a retrospective analysis of 90 cases (2004–2018). *Veterinary Dermatology*, 31 (3), 219-e47.
- Backel, K., Bradley, C., Cain, C., Morris, D., Goldschmidt, K., Mauldin, E. (2019). Canine ischemic dermatopathy: a retrospective study of 177 cases (2005–2016). *Veterinary Dermatology*, 30(5), 403-e122.
- Bradley, C., Cain, C., Ferracone, J., Wong, T., Goldschmidt, K., Mauldin, E. (2019) Discriminatory features of acute eosinophilic dermatitis with edema (Wells-like syndrome) and sterile neutrophilic dermatosis (Sweet's-like syndrome) in dogs. *Veterinary Dermatology*, 30(6), 517-e157.
- Trappler, M. C., Popovitch, C. A., Goldschmidt, M. H., Goldschmidt, K. H., & Risbon, R. E. (2014). Scrotal tumors in dogs: A retrospective study of 676 cases (1986–2010). *The Canadian Veterinary Journal*, 55(1), 1229–1233.

Book Chapters

- Goldschmidt, M. H., & Goldschmidt, K. H. (2016). Epithelial and Melanocytic Tumors of the Skin. *Tumors in Domestic Animals*, 88-141.

Work in Progress

- Goldschmidt, K.H., Ni, J. Using Social Media Sentiment of Recalls to Predict Stock Returns in the Automotive Industry.
Target Journal: *Decision Sciences*
- Goldschmidt, K.H., Wowack, K. The impact of supply chain visibility on product recalls.
Target Journal: *Production and Operations Management*
- Goldschmidt, K.H., Kumar, S. An Empirical Investigation into Disaster Planning, Response and Rehabilitation
Target Journal: *International Journal of Production Research*

Goldschmidt, K.H., Olson, J. Kumar, S. Improving performance of weekly throughput in an OR surgery suite.

Target Journal: *IIE Transactions on Healthcare Systems Engineering*

Presentations and Conference Proceedings

Goldschmidt, K.H. (2020). “Learning Behavior in Humanitarian Environments.” Decision Sciences Institute (DSI) 51st Annual Conference. Online. Invited Presentation.

Goldschmidt, K.H., Kumar, S. (2019), “Preparing for Disasters: Does Investment in Disaster Preparation Mitigate Response Requirements.” Production and Operations Management Society (POMS) 30th Annual Conference. Washington D.C.

Goldschmidt, K.H., Kremer, M., Thomas, D., & Craighead, C.W. (2018), “Learning from supply chain disruptions: mitigating risk through supplier diversification.” Production and Operations Management Society (POMS) 29th Annual Conference. Houston, TX.

Goldschmidt, K.H., Sanders, J. & White, S.W. (2017), “Product review influence on producer decision making.” Production and Operations Management Society (POMS) 28th Annual Conference. Seattle, WA. Invited Presentation.

Goldschmidt, K.H., Kremer, M., Thomas, D., & Craighead, C.W. (2016), “Supply Base Diversification in the Presence of High Impact, Low Probability Supply Disruptions.” Production and Operations Management Society (POMS) 27th Annual Conference. Orlando, FL.

Goldschmidt, K.H., Kremer, M., Thomas, D., & Craighead, C.W. (2015), “Supply Base Diversification in the Presence of High Impact, Low Probability Supply Disruptions.” The Institute for Operations Research and the Management Sciences (INFORMS) Annual Meeting. Philadelphia, PA. Invited Presentation.

Goldschmidt, K.H., Sanders, J. & White, S.W. (2015), “An Experimental Investigation on the Impact of Feedback on Quality Management.” Production and Operations Management Society (POMS) 26th Annual Conference. Washington D.C. Invited Presentation.

Goldschmidt, K.H., Kremer, M., Thomas, D., & Craighead, C.W. (2014), “Supply Base Diversification in the Presence of High Impact, Low Probability Supply Disruptions.” The Institute for Operations Research and the Management Sciences (INFORMS) Annual Meeting. San Francisco, CA.

Goldschmidt, K.H., Kremer, M., Thomas, D., & Craighead, C.W. (2013), “Sourcing Strategy and High Impact Low Probability Disruption Response: Theory and Experiment.” The Institute for Operations Research and the Management Sciences (INFORMS) Annual Meeting. Minneapolis, MN.

Goldschmidt, K.H., Kremer, M., Thomas, D., & Craighead, C.W. (2013), “Sourcing Strategy and Disruption Response: Theory and Experiment.” 44th Annual Meeting of the Decision Sciences Institute. Baltimore, MD.

Goldschmidt, K. (2012), “Improving Humanitarian Operations through Implementation of Partnerships and Coordination of Humanitarian Aid.” 43rd Annual Meeting of the Decision Sciences Institute. San Francisco, CA.

Invited Panel Discussions, Special Sessions and Workshops

Goldschmidt, K.H. (2020), “Supplier Diversification Under the Treat of of High-Impact, Low-Probability Disruptions.” Opus College of Business Research Forum. St. Paul, MN.

Convener (2019), “Balancing Teaching & Research.” Opus College of Business Teaching Forum. Minneapolis, MN.

Panelist (2019), “Teaching with Technology & High Touch.” Opus College of Business Teaching Forum. Minneapolis, MN.

Goldschmidt, K.H. (2018), “Supply Base Diversification in the Presence of High Impact, Low Probability Supply Disruptions.” Opus College of Business Research Forum. Minneapolis, MN.

Panelist (2018), “Canvas Showcase.” Opus College of Business Teaching Forum. Minneapolis, MN.

Goldschmidt, K.H. (2018), “Product review influence on producer decision making.” Opus College of Business Research Forum. St. Paul, MN.

Panelist (2017), “Canvas Showcase.” Opus College of Business Teaching Forum. Minneapolis, MN.

Patents

Warren, A. C., & Goldschmidt, K. H. (2017). U.S. Patent No. 20,170,020,446. Washington, DC: U.S. Patent and Trademark Office.

Warren, A. C., & Goldschmidt, K. H. (2015). U.S. Patent Application No. 15/303,126.

Research Grants and Funding

EmTech Research Fellowship (2020)

Opus College of Business Summer Research Award (2019)

University of Tennessee Collaborative Research Grant (2019)

Opus College of Business Summer Research Award (2016-2018)

University of Tennessee Collaborative Research Grant (2015)

Opus College of Business Summer Research Award (2015)

Teaching

Teaching Experience

Undergraduate Courses - University of St. Thomas

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|---------------------------------|--------------------------------|
| Operations Management, OPMT 310 | IDEA Summary Evaluation: 4.7/5 |
| Decision Analysis, OPMT 320 | IDEA Summary Evaluation: 4.9/5 |
| Quality Management, OPMT 330 | IDEA Summary Evaluation: 4.6/5 |

Graduate Courses - University of St. Thomas

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| Spreadsheet Modeling and Data Visualization, OPMT 621 (Online) | IDEA Summary Evaluation: 4.1/5 |
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Undergraduate Courses - Pennsylvania State University

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| Business Analytics, SCM 421 | SRTE: 5.63/7 |
| Introduction to Supply Chain Management, SCM 301 | SRTE: 6.42/7 |

Significant Curriculum Development

Helped lead the design and launch of a new undergraduate Business Analytics co-concentration (2018-2019)

Helped lead the design and launch of a new undergraduate Data Analytics minor (2017)

Significant Course Development

Developed the Spreadsheet Modeling and Data Visualization course in the Online Masters of Business Administration (2019)

Designed the Decision Analysis course (2016)

Designed the Quality Management course (2015)

Undergraduate Honors Thesis Committees

Karly Bischel, Summa Cum Laude committee (2020)

Emily Pape, Summa Cum Laude committee (2020)

Benjamin Werner, Summa Cum Laude committee (2020)

Samuel Murray, Summa Cum Laude chair (2019)

Megan Huggett, Summa Cum Laude chair (2018)

Teaching Awards and Grants

Julie Hays Teaching Award Nomination (2020)

EmTech Teaching Fellowship (2020)

EmTech Teaching Fellowship (2019)

Julie Hays Teaching Award Nomination (2019)

University of St. Thomas Professor of the Year Nomination (2018)

Opus College of Business Instructional Innovation Award (2018)

Julie Hays Teaching Award Nomination (2017)

Opus College of Business Instructional Innovation Award (2017)

Opus College of Business Instructional Innovation Award (2016)

Ossian R. MacKenzie Teaching Award Nomination (2012)

Leadership Positions

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| 2020-Present | Course Coordinator University of St. Thomas, Opus College of Business <ul style="list-style-type: none">• Led the transition to online and hybrid learning• Built a dashboard to analyze Canvas data• Developed a series of seminars to instruct faculty• Managed the OCB Teaching Resources Canvas site• Advised OCB faculty and STELAR staff |
| 2020-Present | Data Analytics Faculty Board University of St. Thomas <ul style="list-style-type: none">• Managed the revision of the Data Analytics major• Oversaw the development of new courses• Represented the Opus College of Business• Assisted with scholarship evaluation process |
| 2017-Present | Business Analytics Board University of St. Thomas, Opus College of Business <ul style="list-style-type: none">• Managed the development of the Data Analytics minor and Business Analytics co-concentration• Designed the BUAN 201 Data for Business and MKTG 245 Storytelling with Business Data courses• Assisted in developing the AOL assessment plan for the MS in Business Analytics• Participated in the AOL assessment of the MS Data Analytics program |
| 2019-Present 2020-Present | Teaching Committee Committee Chair University of St. Thomas, Opus College of Business <ul style="list-style-type: none">• Created a series of seminars around online learning• Organized and hosted the Annual OCB Teaching Forum |

- Led the Julie Hays Teaching Award nomination and selection process
- 2016-2019
2018
- Research Committee
Committee Chair
University of St. Thomas, Opus College of Business
- Collected data on faculty research
 - Built a dashboard to analyze and predict research
 - Developed a research and faculty development plan
 - Organized and managed the Research Forum
- 2020-Present
- Faculty Co-Advisor Data Science and Analytics Club
University of St. Thomas
- Assisted in the launch of the club
 - Advised the club leadership
 - Helped coordinate club events and speakers
 - Co-hosted the MinneAnalytics Madness data competition

Service

Service to the University, College or Department

Mentoring and Coaching

Faculty Mentor

Executive Coach

External Advisor to the Minnesota Department of Health

Faculty Advisor MinneAnalytics MinneMUDAC Student Data Science Challenge (2021, 2018)

Faculty Learning Community

Online Teaching

Service to the Profession

Ad Hoc Reviewing

Decision Sciences

International Journal of Disaster Risk Reduction

International Journal of Physical Distribution & Logistics Management

Journal of Manufacturing Systems

Mentoring and Coaching

INFORMS Analytics Mentor

Supply Chain Management Executive Coach
Data Analytics and Visualization Executive Coach

Professional Memberships

Decision Sciences Institute
Institute for Operations Research and Management Science
Production and Operations Management Society

Outreach

Industry Presentations and Sessions

Goldschmidt, K.H. (2018), “The Art and Science of Data Visualization.” LEHRN Conference.
Minneapolis, MN

Executive Education

Goldschmidt, K.H. (2021), “Forecasting and Demand Planning.” University of St. Thomas Executive Education.
Goldschmidt, K.H. (2021), “Role of Measurement Systems and Capacity Planning.” University of St. Thomas Executive Education.
Goldschmidt, K.H. (2021), “Technology, Queue Management and Scheduling.” University of St. Thomas Executive Education.
Goldschmidt, K.H. (2020), “Past, Present and Future of Global Supply Chains.” St. Thomas Executive Education Online Learning Series.

Media Mentions

Medium. “How 3M Blew Its Reputation on the N95 Mask,” August 18, 2020.
<https://marker.medium.com/how-3m-gambled-its-reputation-on-the-n95-mask-e266a2fd8933>

Star Tribune. “3M suppliers told they will have to wait longer for payment,” May 15, 2020.
<https://www.startribune.com/3m-suppliers-told-they-will-have-to-wait-longer-for-payment/570502482/>

Star Tribune. “3M's complicated road to enough N95 capacity took many hands,” April 25, 2020.
<https://www.startribune.com/3m-s-complicated-road-to-enough-n95-capacity-took-many-hands/569929962/>

CBS Minnesota. “What’s Behind The Toilet Paper Shortage?,” April 14, 2020.
<https://minnesota.cbslocal.com/2020/04/14/whats-behind-the-toilet-paper-shortage/>

Twin Cities Business. “Stocks Decline in Minnesota Companies Amid Coronavirus Fears,” February 25, 2020. <http://tcbmag.com/news/articles/2020/february/stocks-decline-in-minnesota-companies-amid-coronavirus-fears>

Star Tribune. “How does this trade war end? Business can't wait,” August 4, 2018. <https://www.startribune.com/how-does-this-trade-war-end-business-can-t-wait/489985221/>

Star Tribune. “Food companies appear resigned to GMO labeling,” June 11, 2016. <http://www.startribune.com/food-companies-appear-resigned-to-gmo-labeling/382514551/>

Broadcast Interviews

Interview with Kent Erdahl. “Businesses hurting from global microchip shortage.” NBC News. KARE. May 5, 2021. <https://www.kare11.com/video/news/local/breaking-the-news/businesses-hurting-from-global-microchip-shortage/89-f68a811f-2bae-4091-a097-a20b69fa15d5?jwsourc=c>

Interview with Courtney Godfrey. “Minnesota grocery industry assures: No shortage on the horizon.” Fox News. KSMP. March 19, 2020. <https://www.fox9.com/news/minnesota-grocery-industry-assures-no-shortage-on-the-horizon>

Interview with Courtney Godfrey. “Stock Market Slides Amid Coronavirus Concerns.” Fox News. KSMP. February 24, 2020.

Interview with Boyd Huppert. “Coronavirus Outbreak Triggers Market Meltdown.” NBC News. KARE. February 24, 2020. <https://t.co/sPECpxxQNp?amp=1>