

# Kyle Goldschmidt

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## Academic Work Experience

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

## Education

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Ph.D. Supply Chain & Information Systems 2014  
The Pennsylvania State University, Smeal College of Business  
University Park, PA  
M.B.A. Supply Chain Management 2009  
The Pennsylvania State University, Smeal College of Business  
University Park, PA  
B.A. Mechanical Engineering and Applied Mechanics 2002  
University of Pennsylvania, School of Engineering and Applied Science  
Philadelphia, PA

## Research Activities

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### Research Interests

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

### Publications: Articles in Refereed Journals

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.  
Goldschmidt, K.H., Kumar, S. (2017). Reducing the Cost of Humanitarian Operations through Disaster Preparation and Preparedness. *Annals of Operations Research*, 1-14.  
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.

- 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.
- 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.

## Completed Manuscripts

### Work in Progress

- Goldschmidt, K.H., Kremer, M., Thomas, D., & Craighead, C.W. Sourcing Strategy and Disruption Response: Theory and Experiment. (Status: Data collected and finalizing analysis and manuscript)  
Target Journal: *Manufacturing & Service Operations Management*
- Goldschmidt, K.H., Kumar, S. An Empirical Investigation into Disaster Planning, Response and Rehabilitation (Status: Data Analysis and Writing)  
Target Journal: *International Journal of Production Research*
- Goldschmidt, K.H., Kumar, S. Sustainable Supply Chain Management: An Industry Review (Status: Data Analysis and Writing)  
Target Journal: *Expert Systems with Applications*
- Goldschmidt, K.H., Kumar, S., Sanders, J. & White, S.W. Product review influence on producer decision making. (Pilot Study Completed)  
Target Journal: *Quality Management Journal*

### Book Chapters

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

### Presentations and Conference Proceedings

- Goldschmidt, K.H., Kremer, M., Thomas, D., & Craighead, C.W. 2018, Learning from supply chain disruptions: mitigating risk through supplier diversification. POMS Annual Conference.
- Goldschmidt, K.H., Sanders, J. & White, S.W. 2017, Product review influence on producer decision making. POMS Annual Conference. *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. POMS Annual Conference.

- Goldschmidt, K.H., Kremer, M., Thomas, D., & Craighead, C.W. 2015, Supply Base Diversification in the Presence of High Impact, Low Probability Supply Disruptions. INFORMS Annual Meeting. *Invited Presentation.*
- Goldschmidt, K.H., Sanders, J. & White, S.W. 2015, An Experimental Investigation on the Impact of Feedback on Quality Management. POMS Annual Conference. *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. INFORMS Annual Meeting.
- Goldschmidt, K.H., Kremer, M., Thomas, D., & Craighead, C.W. 2013, Sourcing Strategy and High Impact Low Probability Disruption Response: Theory and Experiment. INFORMS Annual Meeting.
- Goldschmidt, K.H., Kremer, M., Thomas, D., & Craighead, C.W. 2013, Sourcing Strategy and Disruption Response: Theory and Experiment. Annual Meeting of the Decision Sciences Institute.
- Goldschmidt, K. 2012, Improving Humanitarian Operations through Implementation of Partnerships and Coordination of Humanitarian Aid. Annual Meeting of the Decision Sciences Institute.

**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.

**Teaching Experience**

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**University of St. Thomas**

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

**Pennsylvania State University**

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| Business Analytics, SCM 421                      | Spring 2012 |
| Introduction to Supply Chain Management, SCM 301 | Summer 2011 |
| Introduction to Statistics for Business, SCM 200 | 2007-2009   |

**Honors**

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**Awards**

Nominated for Julie Hays Teaching Award	2017
Opus College of Business Summer Research Award	2015-2017
Opus College of Business Instructional Innovation Award (Simulation Development)	2017
Opus College of Business Instructional Innovation Award (Course Development)	2016
Ossian R. MacKenzie Teaching Award Nomination	2012
Smeal Ph.D. Excellence in Graduate Recruitment	2009-2010
University of Oregon New Venture Championship Semifinalist	2009
University of Manitoba Stuart Clark Venture Challenge Semifinalist	2009
M&T Executive Panel Case Competition Runner Up	2008
Six Sigma Greenbelt Certification	2004
Couloucoundis Prize University of Pennsylvania	2002
University of Pennsylvania Solar Car Team Lead Chasis Engineer	2001

**Grants**

Smeal Small Research Grant	2011-2013
The Pennsylvania State University, Smeal College of Business Annual Budget \$1,000	
Savannah and Barry French Memorial Fund	2014
University of Pennsylvania, School of Veterinary Medicine Budget \$15,000	

**Professional Experience**

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<b>Halare Inc.</b>	2008-Present
Automated breath treatment for chronic breathing disorders	
Co-Founder	
<ul style="list-style-type: none"> <li>• Presented business plan at national and international competitions, to angel and venture capital investors, securing initial funding of the company (over \$200K).</li> <li>• Managed product development, marketing, pricing, and hiring.</li> </ul>	
<b>Johnson &amp; Johnson</b>	Summer 2008
Procurement Leadership Development Program Intern	

- Created a should cost model and process to be applied by procurement team to better understand supplier cost structure, identify cost improvements and help prepare for supplier negotiations.
- Applied market research and commodity forecasts to the cost model to generate future cost forecasts.
- Constructed a supply chain matrix to be used in conjunction with market research and current events to assist with business continuity planning.

**African Impact**

2006-2007

Teaching and Sports Coaching Program Manager, Livingstone, Zambia

- Established and taught a program for volunteers working at the Lisca Community School for AIDS orphans. Created a teaching structure and library to provide an ongoing educational program.

**Ford Motor Company**

2002-2006

Product Development Engineer

Brake Product Vehicle Team

- Managed braking systems of vehicles produced at the Ford Chicago Assembly Plant: overseeing the manufacturing, assembly and operation of the brake system.
- Conducted warranty analysis and customer satisfaction studies to drive continuous improvement and address manufacturing, engineering and design issues of the brake system.
- Championed Six Sigma quality improvement projects: defining, measuring, analyzing, improving, and controlling manufacturing processes.

Vehicle Launch Team

- Recruited as the steering launch engineer at Chicago Assembly Plant, supervising a team of engineers, operators and suppliers on the release of the steering system for the launch of three new products.
- Supervised component modifications to address manufacturing, assembly and operation concerns with steering components.

Crash Safety

- Established a crash test plan for the large car platform, overseeing the preparation for testing, administering the crash test, and analyzing the test results.
- Analyzed crash test results, working with component design engineers to improve crash performance to meet full five star performance metrics.

Tough Truck Steering

- Designed and tested the power steering cooler for the 2005MY trucks, improving the power output of the cooler while reducing costs by \$500,000 annually.
- Managed a team working with Transport Canada on a component failure mode. Identified the failure mode, designed a repair part and inspection procedure and implemented a key life test to ensure the failure mode is addressed in future designs.

**Other Activities**

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**Professional Service**

Reviewer for Decision Sciences

Reviewer for International Journal of Disaster Risk Reduction

Reviewer for International Journal of Physical Distribution & Logistics Management

**Affiliations/Memberships**

Decision Sciences Institute 2011-2016

Institute for Operations Research and Management Science 2011-Present

Production and Operations Management Society 2011-Present

**Media Mentions**

**Star Tribune.** “Food companies appear resigned to GMO labeling,” June 11, 2016.

<http://www.startribune.com/food-companies-appear-resigned-to-gmo-labeling/382514551/>