

# Anne E. Dohmen

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## Education

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**University of Tennessee, Haslam School of Business, Knoxville, TN** Current  
Ph.D. in Supply Chain Management, Concentration in Business Analytics  
Dissertation Title: Leveraging supply chain planning for improved supply chain performance  
Defended Dissertation Proposal: March 2022  
Anticipated Graduation: May 2023  
Advisers: Theodore Stank and Lance Saunders

**Iowa State University, Ames, Iowa** August 2019  
Master of Science in Agricultural and Biosystems Engineering  
Thesis Title: Modeling grain storage outflow contamination levels based upon input time series  
Advisers: D. Raj Raman and Bobby Martens

**Washington University in St. Louis, St. Louis, MO** May 2013  
Bachelor of Science, Systems Engineering, Applied Electrical Engineering

## Research interests

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Supply Chain Planning  
Supply Chain Agility  
Disruptions and Resiliency

## Research publications

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**Dohmen, A.E.**, Merrick, J., Saunders, L.W., Stank, T.P., Goldsby, T.J. (2022). When preemptive risk mitigation is insufficient: the effectiveness of continuity and resilience techniques during COVID-19. *Production and Operations Management*.

**Dohmen, A.E.**, and D.R. Raman (2018) Healthy food as a new technology—the implications of technological diffusion and food price for changes in eating habits. *Frontiers in Nutrition* 5 (Result of master's thesis)

## Manuscripts under submission, under review, or revising to re-submit

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Saunders, L.W., Castillo, V., Rose, W.J., **Dohmen, A.E.**, Bell, J.E., (2021). Understanding platform preferences of sharing economy workers to reduce operational uncertainty. *Journal of Operations Management*, Status: 2<sup>nd</sup> round revision

Stank, T.P., **Dohmen, A.E.**, Saunders, L.W., Merrick, J., Goldsby, T.J., (2021). Off the beaten path: incorporating agility into non-core supply chains. *International Journal of Physical Distribution and Logistics Management*, Status: 3<sup>rd</sup> round revision

## Work in progress

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**Dohmen, A.E.**, Saunders, L.W., Merrick, J., Stank, T.P., Performance tradeoffs in the customized market.

- Stage: Data Analysis
- Target: *Production and Operations Management*
- Target Submission Date: August 2022

**Dohmen, A.E.**, Eckerd, S., Saunders, L.W., Understanding planner biases in times of demand shocks.

- Stage: Data Collection
- Target: *Journal of Operations Management*
- Target Submission Date: November 2022

**Dohmen, A.E.**, Becker-Peth, M., Saunders, L.W., Eckerd, S., Understanding behavioral pitfalls with pre-ordering.

- Stage: Data Collection
- Target: *Management Science*
- Target Submission Date: January 2023

## Awards and honors

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Haslam Outstanding Doctoral Student Researcher Award (2022)

Finalist for University of Tennessee 3 Minute Thesis Competition (2022)

Logistics Doctoral Symposium (2021, 2022)

SEC Scholars of Distinction (2021-2022)

Advance Supply Chain Collaborative Doctoral Student Award (2021, 2022)

National Science Foundation Trinect Fellow (2018-2019)

## Conference Presentations

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**Dohmen\*, A.E.**, Becker-Peth, M., Saunders, L.W., Eckerd, S., (2022) “The sooner, the better? - Behavioral pitfalls with pre-ordering newsvendor” Behavioral Operations Conference Young Scholars Workshop (Fayetteville, AR)

**Dohmen\*, A.E.**, Merrick, J., Saunders, L.W., Stank, T.P., Goldsby, T.J., (2022). When preemptive risk mitigation is insufficient: the effectiveness of continuity and resilience techniques during COVID-19. Invited at University of Tennessee Agricultural Economics Seminar Series.

**Dohmen\*, A.E.**, Eckerd, S., Saunders, L.W., (2021) “The impact of planner biases during disruptions” DSI Annual Conference, Digital Format

**Dohmen\*, A.E.**, Merrick, J., Saunders, L.W., Eckerd, S., (2021) “Assessing Performance Tradeoffs for the Proliferation of Customization” CSCMP Annual Conference (Atlanta, GA): Poster Presentation

Stank, T.P, **Dohmen\*, A.E.**, Goldsby, T.J., Merrick, J., Saunders, L.W., (2020). “Brains over brawn: leveraging cognitive agility to improve performance” CSCMP Annual Conference, Digital Format

- Finalist for Best Paper Award

**Dohmen\*, A.E.**, Merrick, J., Saunders, L.W., Stank, T.P., Goldsby, T.J., (2020). “Modeling the structural and cognitive elements of supply chain agility” POMS Annual Conference, Digital Format

*\*Presenter*

### **Professional Presentations**

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University of Tennessee Global Supply Chain Institute Advisory Board (2021, 2022)

- Planner biases during disruption research

Advanced SC Collaborative (2020, 2021, 2022)

- Simulation research results and recommendations to senior SC leadership teams of Bush Brothers, Eastman Chemical, McCormick, Mondelez corporations

University of Tennessee Dean’s Advisory Council (2021)

- Three-minute thesis

### **Teaching experience**

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**University of Tennessee, Knoxville, Haslam College of Business, Knoxville, TN**

*Instructor of Record*

- SCM 309, Supply Chain Analytics and Decision Making
  - Summer 2021: Ratings: 4.9/5.0
- SCM 414, Manufacturing and Service Processes
  - Spring 2022: Ratings: 4.8/5.0

**Iowa State University, Ames, IA**

*Trinet Fellowship Program*

- Engineering Fellow in grade school STEM classes
  - Fall 2018-Spring 2019

**Washington University in St. Louis, McKelvey School of Engineering, St. Louis, MO**

*Course Instructor*

- Freshman Engineering Seminar
  - Spring 2010- Spring 2013

## Service

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Ad Hoc Reviewer for *Journal of Business Logistics*, *International Journal of Logistics Management*

Development Officer of Haslam Doctoral Student Association (2021-2022)

Founder/Advisor of Haslam LGBTQIA+ Association of Business Scholars (2020-2022)

Mentor for FIRST Robotics (2015-2019)

Organizer of “Girls in the Shop” series for Iowa high school students (2016-2018)

## Professional experience

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### **General Mills**

*Systems and Controls Engineer*

Des Moines, IA  
*September 2015-August 2017*

### **Procter and Gamble Paper Products**

*Process Engineer*

Green Bay, WI  
*June 2013-August 2015*

### **Missouri Botanical Gardens**

*Project Engineer Community Development & Environmental Preservation*

Mahabo, Madagascar  
*March 2011-December 2012*

### **Naval Research Enterprise Intern Program**

*Intern*

Philadelphia, PA  
*Summer 2012*