

Finnegan (Finn) McKinley

Assistant Professor of Supply Chain Management

Department of Management

College of Business

Colorado State University

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EDUCATION

Ph.D., Supply Chain Management, University of Arkansas; Fayetteville, AR

Sam M. Walton College of Business

Dissertation: “Human-AI Collaboration for Operations and Supply Chain Management”

Dissertation Chair: Dr. John Aloysius, University of Arkansas

Degree Awarded: July 2026

B.S., Economics, Brigham Young University; Provo, UT

BYU College of Family, Home, and Social Sciences

Minor: Statistics

Concentration: Supply Chain Management Pre-PhD Program

Degree Awarded: April 2022

ACADEMIC POSITIONS

Assistant Professor of Supply Chain Management (August 2026 – Present)

Department of Management, College of Business, Colorado State University

RESEARCH ACTIVITY

RESEARCH INTERESTS

Human-Machine Collaboration for Decision Making in OSCM

AI and Machine Learning for OSCM

AI and DEI in OSCM

RESEARCH METHODOLOGIES

Laboratory and Field Experiments

Econometric Analysis

Artificial Intelligence and Machine Learning

PUBLICATIONS IN PEER-REVIEWED JOURNALS

5. **McKinley, F. A.**, Dohmen, A. E., & Castillo, V. E. (2026). Do Humans and GAI See Eye to Eye? Implications of LLM Scoring Volatility in Supplier Evaluations. *Journal of Business Logistics*, 47(3), e70072.
4. **McKinley, F.**, Brau, R., Aloysius, J., & Rossiter Hofer, A. (2026). Is AI an Algorithm by Any Other Name? Behavioral Reactions to AI-and Model-Based Demand Planning Algorithms. *Journal of Operations Management*.
3. **McKinley, F.**, Brau, R.I., Gardner, J., & DeCampos, H. (2025). Innovation in the Last Mile: Exploring Factors Influencing Consumer Intention to Use In-Home Logistics Services. *Journal of Business Logistics*, 46(4), e70034.
2. Brau, J. C., **McKinley, F.**, Mohler, E. V., & Swenson, M. J. (2021). Video Game and Social Media Usage vis-à-vis Academic Performance in a Marketing Principles Course: An Empirical Analysis. *Business Education Innovation Journal*, 13(1).
1. Brau, J. C., **McKinley, F.**, & Nelson, P. (2020). Using Personality Assessment and Situational Queries to Understand Risk Tolerance in Emerging Adults. *Journal of Investment Consulting*, 20(1), 61-77.

PAPERS IN THE REVIEW PROCESS

McKinley, F., Brau, R.I., & Aloysius, J. [Redacted for Peer Review]. *Under 1st Round Review: Production and Operations Management*

WORK IN PROGRESS

McKinley, F., Sinha, S., & Dohmen, A. SCMTTCG: Improving Information Sensing for Demand Prediction in Trading Card Game Supply Chains. *Writing Stage; Proposal accepted for JBL STF on AI-Integrated Research*

Brau, R.I., **McKinley, F.**, Aloysius, J. Collaborative Human-Machine Learning for Demand Planning. *Writing Stage; Target Journal: Production and Operations Management*

McKinley, F., Aloysius, J., & Brau, R.I. The Role of AI in Theory Development for Supply Chain Management. *Writing Stage; Target Journal: Journal of Business Logistics*

Dohmen, A., **McKinley, F.**, & Castillo, V. Using AI to Distill Meaningful Trends from Noise in Demand Forecasting. *Data Collection Stage*

McKinley, F., Dohmen, A., & Castillo, V. AI-Enabled Private Information Encoding for Demand Forecasting Adjustments. *Data Collection Stage*

Dohmen, A., **McKinley, F.**, & Castillo, V. Impacts of AI Supplier Selection on Supply Network Resilience. *Data Collection Stage*

CONFERENCE PROCEEDINGS

2. **McKinley, F.**, Brau, R.I., Aloysius, J., & Hofer, A. Is AI an Algorithm by Any Other Name? Behavioral Reactions to Model-and AI-Based Forecast Algorithms, *Academy of Management Proceedings* (1), 2025, 18592
1. Brau, R.I, **McKinley, F.**, Aloysius, J., & Siemsen, E. Collaborative Human-Machine Learning for Demand Planning, *Academy of Management Proceedings* (1), 2024, 17307

CONFERENCE PRESENTATIONS (* indicates I presented)

21. **McKinley, F.**, Dohmen, A., & Castillo, V. (November 2025) AI-Human Congruence in Supplier Selection from Public Procurement Bids. *Decision Sciences Institute (DSI)*. Invited presentation.*
20. **McKinley, F.**, Aloysius, J., & Brau, R.I. (November 2025) Behavioral Anthropomorphism of AI Forecasting Tools and Effects on Forecaster Performance. *Decision Sciences Institute (DSI)*. Invited presentation.*
19. **McKinley, F.**, Brau, R.I., Aloysius, J. & Hofer, A. (October 2025) Is AI an Algorithm by Any Other Name? Behavioral Reactions to Model- and AI-Based Demand Planning Algorithms. *Institute for Operations Research and the Management Sciences (INFORMS)*. Invited presentation.*
18. Brau, R.I., **McKinley, F.**, Aloysius, J. (October 2025) Collaborative Human-Machine Learning for Demand Forecasting. *Council of Supply Chain Management Professionals – Academic Research Symposium (CSCMP-ARS)*. Peer-reviewed presentation.*
17. Upcoming: **McKinley, F.**, Dohmen, A., & Castillo, V. (October 2025) AI-Human Congruence in Supplier Selection from Public Procurement Bids. *AI in Business (AIB)*. Peer-reviewed presentation.*
16. **McKinley, F.**, Brau, R.I., Aloysius, J. & Hofer, A. (July 2025) Is AI an Algorithm by Any Other Name? Behavioral Reactions to Model- and AI-Based Demand Planning Algorithms. *Academy of Management (AOM)*. Peer-reviewed presentation.*
15. **McKinley, F.**, Aloysius, J., & Brau, R.I. (June 2025) Behavioral Anthropomorphism of AI Forecasting Tools and Effects on Forecaster Performance. *Behavioral Operations Conference*. Peer-reviewed presentation.*
14. **McKinley, F.**, Aloysius, J., & Brau, R.I. (May 2025) Behavioral Anthropomorphism in AI Demand Planning Systems: Demand Planner Response and Performance. *Production and Operations Management Society (POMS)*. Invited presentation.*
13. **McKinley, F.**, Brau, R.I., Aloysius, J., & Hofer, A. (November 2024) Is AI an Algorithm by Any Other Name? Behavioral Reactions to Model- and AI-Based Demand Planning Algorithms. *Decisions Sciences Institute (DSI)*. Peer-reviewed presentation.*

12. **McKinley, F., Brau, R.I., Aloysius, J., & Hofer, A.** (September 2024) Is AI an Algorithm by Any Other Name? Behavioral Reactions to Model- and AI-Based Demand Planning Algorithms. *Council of Supply Chain Management Professionals – Academic Research Symposium (CSCMP-ARS)*. Peer-reviewed presentation.* [**E. Grosvenor Plowman Best Paper Award Finalist**]
11. Brau, R.I., **McKinley, F.**, Aloysius, J., & Siemsen, E. (August 2024) Collaborative Human-Machine Learning. *Academy of Management (AOM)*. Peer-reviewed presentation. [**Chan Hahn Best Paper Award Finalist**]
10. **McKinley, F.**, Brau, R.I., Aloysius, J., & Hofer, A. (June 2024) Is AI an Algorithm by Any Other Name? Behavioral Reactions to Model- and AI-Based Demand Planning Algorithms. *Behavioral Operations Conference*. Peer-reviewed presentation.*
9. Brau, R.I., **McKinley, F.**, Aloysius, J., & Siemsen, E. (April 2024) Collaborative Human-Machine Learning. *Production and Operations Management Society (POMS)*. Invited presentation.
8. **McKinley, F.**, Brau, R.I., Aloysius, J., & Hofer, A. (April 2024) Demand Planner Acceptance of Advice from an AI Agent: Dimensions of Algorithm Performance. *Production and Operations Management Society (POMS)*. Invited presentation*
7. Brau, R.I., **McKinley, F.**, Aloysius, J., & Siemsen, E. (November 2023) Collaborative Human-Machine Learning. *Decision Sciences Institute (DSI)*. Invited presentation*
6. Brau, R.I., **McKinley, F.**, Aloysius, J., & Siemsen, E. (October 2023) Collaborative Human-Machine Learning. *Institute for Operations Research and the Management Sciences (INFORMS)*. Invited presentation.
5. **McKinley, F.**, Brau, R.I., Gardner, J., & DeCampos, H. (October 2023) The Use of Risk Salience Priming in Shifting Consumer Attitudes Toward Unattended In-Home Package Delivery. *Council of Supply Chain Management Professionals – Academic Research Symposium (CSCMP-ARS)*. Peer-reviewed presentation.*
4. Brau, R.I., **McKinley, F.**, Aloysius, J., & Siemsen, E. (June 2023) Collaborative Human-Machine Learning. *Behavioral Operations Conference*. Peer-reviewed presentation.
3. **McKinley, F.**, Brau, R.I., Aloysius, J., & Hofer, A. (June 2023) Someone to blame but yourself: The effects of AI and ML forecast management system mistakes on human adjustments to forecasts. *Behavioral Operations Conference, Emerging Scholars Workshop*. Peer-reviewed presentation.*
2. Brau, R.I., **McKinley, F.**, Aloysius, J., & Siemsen, E. (May 2023) Automation or Collaboration? Comparing Integrated Learning Methods with Machine Learning in Demand Planning. *Production and Operations Management Society (POMS)*. Invited presentation.*

1. **McKinley, F., Brau, R.I., Gardener, J., & DeCampos, H.** (April 2022) The Use of Risk Salience Priming in Shifting Consumer Attitudes Toward Unattended In-Home Package Delivery. *Production and Operations Management Society (POMS)*. Invited presentation.*

AWARDS, HONORS, AND FELLOWSHIPS

Winner, Building a Better Future Through Business and AI Dissertation Proposal Competition: SCM, 2025

- Sponsored by Deloitte and Texas A&M Mays Business School
- \$10,000 cash prize and funded research visit to Texas A&M

Recipient, John Ozment Doctoral Research Award Scholarship, 2025

Finalist, Chan Hahn Best Paper Award, Academy of Management, 2024

Finalist, E. Grosvenor Plowman Best Paper Award, CSCMP ARS, 2024

Wes and Sharon Kemp Fellow, University of Arkansas, 2024-2026

Doctoral Academy Fellow, University of Arkansas, 2022-2024

Walton Fellow, Sam M. Walton College of Business, University of Arkansas, 2022-2026

PATENTS

U.S. Patent Application 18/957,286, “Collaborative Human-Machine Learning System,” November 22, 2024. Co-inventor with Rebekah Brau and John Aloysius.

Nonprovisional Utility Patent Application filed by the University of Arkansas and Brigham Young University.

TEACHING ACTIVITY

TEACHING AWARDS

Graduate Student Excellence in Teaching Award 2023-2024, Sam M. Walton College of Business

TEACHING EXPERIENCE

Colorado State University

Supply Chain Management, MGT 301 (Fall 2026)

University of Arkansas

Strategic Sourcing and Procurement, SCMT 36103 (Spring 2026, Fall 2024)

Supply Chain Strategy and Change Management, SCMT 4653 (Fall 2023)

Brigham Young University

Entrepreneurial Finance, EMBA 693R, (Spring 2022, Spring 2021, Spring 2020)

TEACHING INTERESTS

AI Use in Operations and Supply Chain Management

Operations Management

Data Analytics in Operations and Supply Chain

SERVICE

INDUSTRY OUTREACH

“Is AI an Algorithm by Any Other Name?”, CSCMP Ozark Roundtable, Invited Lecture,
November 13th, 2024
Sponsored Case Competition with Word Coffee, Fayetteville, Arkansas, 2024
CSCMP Ozark Roundtable Member, 2024-Present

PROFESSIONAL SERVICE

Academy of Management OCSM Division
Conference Reviewer, 2024-2026
Council of Supply Chain Management Professionals
AI Panelist, 2026
ARS Reviewer, 2025-2026
ARS Session Chair, 2024-2025
Decision Sciences Institute
AI Panelist, 2026
Conference Session Chair, 2024, 2026
Founding Member, Data Science, Machine Learning, and AI (DASMALAI)
Specific Interest Group (SIG) 2023-25
Journal of Business Logistics
Editorial Review Board Member, 2026-present
Reviewer, 2025-present
International Journal of Physical Distribution & Logistics Management
Reviewer, 2025-present
Journal of Supply Chain Management
Editorial Review Board Member, 2026-present
Reviewer Development Program Member, 2025-2026
Production and Operations Management Society
Conference Session Chair, 2023

UNIVERSITY SERVICE

Women Impacting Supply Chain Excellence (WISE) Symposium, *Volunteer*, 2023-2025

COMMUNITY SERVICE

Full-time Religious Volunteer, The Church of Jesus Christ of Latter-day Saints, United Kingdom, 2017-2019