

Vincent E. Castillo
Assistant Professor of Logistics
InFACT Faculty Fellow
Department of Marketing and Logistics
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ACADEMIC APPOINTMENTS

2018 – Present Assistant Professor of Logistics, Fisher College of Business, The Ohio State University

ADDITIONAL APPOINTMENTS & POSITIONS

2018 – Present Faculty Fellow, Initiative for Food and Agricultural Transformation (InFACT) Discovery Theme, The Ohio State University

2019 – Present Affiliated Faculty, Sustainability Institute, The Ohio State University

EDUCATION

2018 PhD, Supply Chain Management (Major) and Strategy (Minor), University of Tennessee, Knoxville. Dissertation Title: *An Inquiry into Supply Chain Strategy Implications of the Sharing Economy for Last Mile Logistics*. Dissertation Co-Chairs: John E. Bell and Diane A. Mollenkopf. **Winner of the 2018 Emerald/EFMD Outstanding Doctoral Research Award in Logistics and Supply Chain Management**

2014 MBA, Supply Chain Management and Finance (Dual Concentration), University of San Diego

2006 BS, Civil Engineering, Colorado School of Mines

RESEARCH INTERESTS

Urban logistics, last mile delivery, crowdsourcing & sharing economy, sustainable supply chain management, urban agriculture & short food supply chains

PEER-REVIEWED PUBLICATIONS

Castillo, Vincent E. Mollenkopf, Diane A.; Bell, John E.; Esper, Terry L. (Forthcoming) “Designing Technology for On-Demand Delivery: The Effect of Customer Tipping on Crowdsourced Driver Behavior and Last Mile Performance”. *Journal of Operations Management*.

Castillo, V.E.; Bell, J.E.; Mollenkopf, D.A., Stank T.P. 2022. “Hybrid Last Mile Delivery Fleets with Crowdsourcing: A Systems View of Managing the Cost-Service Trade-Off”. *Journal of Business Logistics*.

Douglas, M; Mollenkopf, D.A.; Castillo, V.E.; Bell, J.E., Dickey, E. 2021. “Journeys, Not Destinations: Theorizing a Process View of Supply Chain Integrity”. *Journal of Business Ethics*.

Castillo, Vincent E.; Bell, John E.; Rose, William J.; Rodrigues, Alexandre M. 2018. "Crowdsourcing Last Mile Delivery: Strategic Implications and Future Research." *Journal of Business Logistics*. 39(1): 7-25. **Finalist, 2019 Bernard J. LaLonde Best Paper Award & Top 5 Most Downloaded Articles of 2018 (#3).**

Castillo, Vincent E.; Mollenkopf, Diane A.; Bell, John E.; Bozdogan, Hamparsum. 2018. "Supply Chain Integrity: A Key to Sustainable Supply Chain Management." *Journal of Business Logistics*. 39(1): 38-56. **Top 5 Most Downloaded Articles of 2018 (#4).**

OTHER PUBLICATIONS

Castillo, V. E. (2021). *Forecasting for Logistics and Supply Chain Managers*. Open-source textbook. Status: In Progress.

Esper, T.L., Castillo, V.E., Ren, X., Sodero, A.C., Wan, X., Croxton, K.L., Knemeyer, A.M., DeNunzio, S., Zinn, W., Goldsby T.J. 2020. "Everything Old is New Again: The Age of Consumer-Centric Supply Chain Management." *Journal of Business Logistics*. 41(4): 286-293. EDITORIAL.

RESEARCH UNDER REVIEW

Saunders, L.W.; Castillo, V.E.; Rose, W.J.; Dohmen, A.; Bell, J.E. "Understanding Platform Preferences of Sharing Economy Workers to Reduce Operational Uncertainty". Revising for 3rd round of review at *Journal of Operations Management*.

WORKING MANUSCRIPTS

Castillo, Vincent E. "Middle-Range Theorizing in Silico: Advancing Logistics and Supply Chain Management Research with Agent-Based Modelling." Targeted for *Journal of Business Logistics*. Status: In Progress (manuscript drafting stage).

Castillo, V.E., Zinn, W., Sodero, A.C., Posner, M. "The Fleet Sizing Problem with Crowdsourcing". Targeted for *Production and Operations Management*. Status: In Progress (manuscript drafting stage).

WORKS IN PROGRESS

Castillo, V.E. Douglas, M; Mollenkopf, DA; Bell, JE; Dickey E. "Evaluating Integrity of Supply Chain Emissions Disclosures." Targeted for *Journal of Operations Management*. Status: In Progress (conceptual development stage).

Castillo, V.E. "Using Customer Clusters to Plan and Predict Last Mile Food Delivery: A Spatial Analytics Study." Targeted for *Production and Operations Management*. Status: In Progress (data analysis stage).

Castillo, V.E.; (2022) A Verification and Validation Framework for Hybrid Discrete Event and Agent-Based Simulation Models. Targeted for *Journal of Simulation*. (conceptual development stage).

RESEARCH GRANTS

Co-Investigator with Curtis, K. "Expanding Markets Locally: Enhancing The Reach And Improving The Income Of A Community Food System Into Food Insecure Households And Beyond" (\$400,000). US Department of Agriculture (USDA), National Institute of Food and Agriculture

(NIFA), Community Food Projects Program. Grant submission under review as of December 2021.

Principal Investigator. “An Inquiry into Supply Chain Strategy Implications of the Sharing Economy for Last Mile Logistics” (\$8,000). University of Tennessee Global Supply Chain Institute, Knoxville, TN. April 2017. Concluded May 2018.

Co-Investigator with Bell, John E. and Mollenkopf, Diane A. “Transparency and Sustainable Supply Chain Management in Department of Defense Procurement” (\$30,000). United States Air Force Institute of Technology, Dayton, OH. Concluded August 2016.

MEDIA ENGAGEMENT

The World from PRX. April 27, 2022. How do American and European weapons shipments cross into Ukraine? <https://theworld.org/media/2022-04-27/how-do-american-and-european-weapons-shipments-cross-ukraine>

Nexus. April 14, 2022. “Russia v. Ukraine: Who’s got the best weapons?”
<https://youtu.be/K9eFHUhvrfA>

The Indicator from Planet Money. March 31, 2022. “The weapons supply chain.”
<https://www.npr.org/2022/03/31/1090101043/the-weapons-supply-chain>

L’Indro. March 24, 2022. “Armi all’Ucraina: logistica nel mirino.” <https://lindro.it/armi-all-ucraina-logistica-nel-mirino/>

The Conversation. March 16, 2022. “How weapons get to Ukraine and what’s needed to protect vulnerable supply chains.” <https://theconversation.com/how-weapons-get-to-ukraine-and-whats-needed-to-protect-vulnerable-supply-chains-179285>

Marketplace – NPR Radio Show and Podcast. August 24, 2021. “Walmart will make local ‘white label’ deliveries for other retailers.” <https://www.marketplace.org/2021/08/24/walmart-will-make-local-white-label-deliveries-for-other-retailers/>

EntreCourier Podcast. February 2020. “What Keeps Drivers Engaged with Platforms? Talking with Researchers” <https://entrecourier.com/2020/02/21/what-keeps-drivers-engaged-with-platforms-talking-with-researchers/>

European Foundation for Management Development (EFMD). August 9, 2019. Blog post. “2018 Emerald/EFMD Outstanding Doctoral Research Award Winners.”
<https://blog.efmdglobal.org/2019/08/09/2018-emerald-efmd-outstanding-doctoral-research-awards-winners/>

Supply Chain Quarterly. October 31, 2018. “How Effective is Crowdsourced Logistics?”
<https://www.supplychainquarterly.com/articles/1769-how-effective-is-crowdsourced-logistics>

PRESENTATIONS, CONFERENCE & INVITED

Castillo, V. (Co-author), Zinn, W. (Co-author), Posner, M. (Co-author), and Sodero, A. (Presenter). “The Fleet Sizing Problem with Crowdsourcing.” Production and Operations Management Society (POMS) Annual Conference, April 2022.

Invited Speaker and Panelist, Supply Chain Management Information Session, The PhD Project, Nov 2021, Chicago, IL.

Invited Panelist, Marketing & Distribution Breakout Session, Marion Microfarm Summit, October 2021, Marion, OH.

Panel Moderator. "The Consumer Experience: How Consumer-Centric Thinking is Transforming Supply Chains." CSCMP Edge 2021. Atlanta, GA.

Invited Panelist with Griffis, S., MacDonald, J. and Bell, J.E. "Socially Responsible Supply Chain Management". Decision Sciences Institute (DSI) Annual Conference 2020 (Virtual).

Castillo, Vincent E. Mollenkopf, Diane A.; Bell, John E.; Esper, Terry L. "Designing Technology for On-Demand Delivery: The Effect of Customer Tipping on Crowdsourced Driver Behavior and Last Mile Performance". Decision Sciences Institute (DSI) Annual Conference 2020 (Virtual).

Invited Panelist. "How to Collectively Reshape Last-Mile Delivery Operations and Experience for good in a Post-COVID Context?" Movin'On: A Michelin Initiative and Accenture. October 2020.

Castillo, Vincent E. Mollenkopf, Diane A.; Bell, John E.; Esper, Terry L. "Designing Technology for On-Demand Delivery: The Effect of Customer Tipping on Crowdsourced Driver Behavior and Last Mile Performance". Fisher College of Business research presentation series. Summer 2020. Columbus, OH.

Castillo, Vincent E. Mollenkopf, Diane A.; Bell, John E.; Esper, Terry L. "Designing Technology for On-Demand Delivery: The Effect of Customer Tipping on Crowdsourced Driver Behavior and Last Mile Performance". Global Research Talks, a joint research seminar between Fisher College of Business at The Ohio State University, WHU-Otto Beisheim School of Management, and Copenhagen Business School. Summer 2020. Virtual.

Jarzebowski, S.; Mollenkopf, D.A.; Castillo, V.E. "Addressing Hidden Hunger with Urban Agriculture Supply Chain Management." CSCMP's 2020 European Research Seminar, Barcelona.

Invited Panelist. "Surviving the Job Search." 15th Annual Logistics Doctoral Symposium, April 2020. University of Tennessee, Knoxville.

Invited Presenter. Sustainable Supply Chain Management Workshop, March 31, 2020. Joint workshop between Fisher College of Business and Clean Fuels Ohio.

Mollenkopf, Diane A.; Peinkofer, Simone; Bell, John E.; Castillo, Vincent E. "A Supply Chain Perspective on Reducing Food Waste." Food Security & Food Innovation Workshop. UC Davis, Oct 2019.

Invited Panelist, Donald J. Bowersox Doctoral Symposium, CSCMP Academic Research Symposium, Sept 2019, Anaheim, CA.

Invited Speaker and Panelist, Supply Chain Management Information Session, The PhD Project, Nov

2018, Chicago, IL.

Castillo, Vincent E.; Mollenkopf, Diane A.; Bell, John E. "A Typology of Crowdbased Logistics Models and Strategic Implications for Omnichannel Supply Chains." Decision Sciences Institute (DSI). November 2017 Annual Meeting, Washington D.C.

Castillo, Vincent E.; Mollenkopf, Diane A.; Bell, John E. "A Typology of Crowdbased Logistics Models and Strategic Implications for Omnichannel Supply Chains." Council of Supply Chain Management Professionals (CSCMP) Academic Research Symposium. September 2017 Annual Meeting, Atlanta, GA.

Castillo, Vincent E.; Bell, John E.; Mollenkopf, Diane A. "An Agile Systems Perspective of Omnichannel Fulfillment Using Crowdsourced Logistics." Western Decision Sciences Institute (WDSI). April 2017. Annual Meeting, Vancouver, BC, Canada.

Castillo, Vincent E.; Bell, John E.; Rose, William J.; "Strategic Implications of Crowdsourced Logistics." Decision Sciences Institute (DSI). Nov 2016 Annual Meeting, Austin, TX.

Invited Panelist, Supply Chain Management Information Session, The PhD Project, Nov 2016, Chicago, IL.

Bell, John E.; Castillo, Vincent E.; Mollenkopf, Diane A. "Transparency and Sustainable Supply Chain Management in Department of Defense Procurement." September 2016, United States Air Force Institute of Technology, Dayton, OH.

Bell, John E.; Castillo, Vincent E.; Rose, William J. "Innovative Distribution with Crowdsourced Logistics." *Product Development and Management Association (PDMA)* October 2016 Annual Conference, Atlanta, GA.

Castillo, Vincent E.; Bell, John E.; Rose, William J. "Strategic Implications of Crowdsourced Logistics." Invited to present at *Journal of Product Innovation Management (JPIM) & Marketing Science Institute (MSI)* research workshop for special topic forum on innovation in data-rich environments, University of Tennessee, Knoxville. June 2016.

Castillo, Vincent E.; Rose, William J.; Bell, John E. "There's an App for That: Simulating Crowdsourced Logistics." Western Decision Sciences Institute (WDSI) 2016 Annual Conference, Las Vegas, NV.

Castillo, Vincent E.; Rose, William J.; Bell, John E. "Modeling Crowdsourced Logistics." Decision Sciences Institute (DSI) 2015 Annual Meeting, Seattle, WA.

Mollenkopf, Diane A.; Castillo, Vincent E.; Bell, John E. "Supply Chain Integrity: A Performance-Based Approach to Corporate Social Responsibility." The Council of Supply Chain Management Professionals (CSCMP) Academic Research Symposium. San Diego, CA.

Panelist, Management & Org. Behavior Information Session, The PhD Project, Nov 2014, Chicago, IL.

AWARDS AND HONORS

Outstanding Reviewer, *Journal of Business Logistics*, September 2020.

Outstanding Doctoral Research Award in the Logistics & Supply Chain Management category, Emerald Publishing & European Foundation for Management Development (EFMD). August 2019.

Haslam College of Business Outstanding Doctoral Student Researcher Award, University of Tennessee, Knoxville. May 2018.

Outstanding Doctoral Student Teaching Award. Department of Marketing and Supply Chain Management. May 2018. University of Tennessee, Knoxville.

Doctoral Student Research Award. The Graduate School and Haslam College of Business at the University of Tennessee, Knoxville. September 2017.

Outstanding Doctoral Student Research Award. Department of Marketing and Supply Chain Management. May 2017. University of Tennessee, Knoxville.

Travel Award to participate in Logistics Doctoral Symposium at Auburn University, February 2017. Department of Marketing and Supply Chain Management. University of Tennessee, Knoxville.

Donald J. Bowersox Doctoral Symposium Participant, CSCMP 2015 Annual Conference, San Diego, CA

TEACHING EXPERIENCE

Instructor –

The Ohio State University

Simulation for Logistics and Supply Chain Research Seminar (Independent Study), SU 2020

Logistics Analytics (ML4382), SP 2019, SP 20, SP 21, SP 22

Building a Sustainable Supply Chain (ML4385), SP 2019, SP 20, SP 22

University of Tennessee

Supply Chain Management (BUAD 331), SU 2017

Global Strategies for Supply Chain Management (SCM 460), SP 2016

Intermediate Supply Chain Management (SCM 310), SU 2015

Graduate Teaching Assistant –

University of Tennessee

Intermediate Supply Chain Management (SCM 310), AU 2014, SP 2015, AU 2015

University of San Diego

Financial Management (FINA 300), AU 2012

SERVICE

Faculty Advisor, The Logistics Association (TLA), Fisher College of Business. July 2021 – Present

Faculty Advisor, Fisher College of Business Sustainable Supply Chain Management Case Competition, Oct. 2020-Present.

Session Chair, Decision Sciences Institute Annual Conference 2020 (Virtual), “Crowdsourcing and Outsourcing Implications for Logistics”.

Logistics Undergraduate Committee Member, The Ohio State University – May 2019 to June 2020

Editorial Review Board Member & Senior Editor:
Journal of Business Logistics

Ad Hoc Reviewer:

Journal of Business Logistics

Journal of Operations Management

Decision Sciences Journal

Transportation Journal

Journal of Cleaner Production

International Journal of Physical Distribution and Logistics Management

International Journal of Logistics Management

Council of Supply Chain Management Professionals (CSCMP) Annual Conference

Decision Sciences Institute Annual Conference

Journal of Management and Business Administration – Central Europe

PROFESSIONAL SOCIETIES & AFFILIATIONS

The Initiative for Food and Agricultural Transformation (InFACT), Discovery Theme at The Ohio State University

Sustainability Institute, The Ohio State University

Council of Supply Chain Management Professionals

Decision Sciences Institute

Academy of Management

The PhD Project