

Christian C. Blanco

Assistant Professor
Fisher College of Business
The Ohio State University
2017 - Present

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CV last updated: April 4, 2023

Education

University of California, Los Angeles, 2012-2017

Ph.D. in Decisions, Operations and Technology Management

Carnegie Mellon University, 2011-2012

Ph.D. Student Engineering and Public Policy

University of California, Berkeley, 2011

B.A. Applied Mathematics (Honors)

B.A. Environmental Economics and Policy

Publications

1. Donnelly, Grant, **Christian Blanco**, Calvin Spanbauer, and Sara Stienecker. The Effects of Item Dirtiness on Disposal Decisions. *Forthcoming at the Journal of Association for Consumer Research*.
2. **Blanco, Christian**. "A Classification of Carbon Abatement Opportunities of Global Firms." *Manufacturing & Service Operations Management*. (2022).
3. Park, Hyunwoo, **Christian Blanco**, and Elliot Bendoly. "Vessel Sharing and its Impact on Maritime Operations and Carbon Emissions." *Production and Operations Management* (2022).
4. **Blanco, Christian**. "Supply Chain Carbon Footprinting and Climate Change Disclosures of Global Firms." *Production and Operations Management* (2021).
5. Bendoly, Elliot, Daniel G. Bachrach, Terry L. Esper, **Christian Blanco**, Jane Iversen, and Yong Yin. "Operations in the Upper Echelons: Leading Sustainability through Stewardship." *International Journal of Operations & Production Management* (2021).
6. **Blanco, Christian**, Felipe Caro, and Charles J. Corbett. "Do Carbon Abatement Opportunities Become Less Profitable Over Time? A Global Firm-Level Perspective using CDP Data." *Energy Policy* (2020).
7. **Blanco, Christian**, Felipe Caro, and Charles J. Corbett. "Managing Safety-Related Disruptions: Evidence from the US Nuclear Power Industry." *Risk Analysis* (2019).
 - Awarded best paper of the year by the Society for Risk Analysis.
8. **Blanco, Christian**, Felipe Caro, and Charles J. Corbett. "An Inside Perspective on Carbon Disclosure." *Business Horizons* (2017).
9. **Blanco, Christian**, Felipe Caro, and Charles J. Corbett. "The State of Supply Chain Carbon Footprinting: Analysis of CDP Disclosures by US Firms." *Journal of Cleaner Production* (2016).
10. Nelson, James, Josiah Johnston, Ana Mileva, Matthias Fripp, Ian Hoffman, Autumn Petros-Good, **Christian Blanco**, and Daniel M. Kammen. "High-resolution Modeling of the Western North American Power System Demonstrates Low-cost and Low-carbon Futures." *Energy Policy* (2012).

Work-in-progress

1. Ball, George, Hessam Bavafa, **Christian Blanco**, Hyunwoo Park, and Kaitlin Wowak. “Female Consumers and Serious Product Recalls in the U.S. Pharmaceutical Industry.” *Major revision in POM*.
2. Hessam Bavafa, **Christian Blanco**, and In Joon Noh. “Investigating the Quality Effects of the U.S. Generic Drug User Fee Amendments: Evidence from Product Recalls” *Under review in Management Science*.
3. **Blanco, Christian** and Nimesh Patel. “The Content of Climate Change Disclosures and Market Values.” *Major revision in POM*.
4. **Blanco, Christian**, Calvin Spanbauer, and Sara Stienecker. Is it Time to Consider a National Recycling Standard? Patching Leaks in Closed-loop Supply Chains. *Under review at the California Management Review*.
5. **Blanco, Christian**, Oznur Ozdemir, Erdinc Akyildirim. “Corporate Carbon Emissions Reduction Targets.” *In preparation for submission*.
6. Chun, Soh Hyun, **Christian Blanco**, James Hill. “A Ranking of Social Sustainability Issues.” *Work in progress*.
7. **Blanco, Christian**, Mateus do Rego Ferreira Lima, and Suvrat Dhanorkar. “Do Recycling Standards Create or Destroy Value? Evidence from the National Sword Policy.” *Work in progress*.

Grants and Scholarships

- OSU Sustainable Supply Chain Grant 2022 (PI: Christian Blanco and James Hill; \$16,500)
- FDA Broad Agency Announcement: Quality management and drug quality risks (PI: John Gray and George Ball 2019-2021; \$1.74M)
- National Science Foundation Research Traineeship Convergent Graduate Training and EmPOWERment for a Sustainable Energy Future (PI: Ramteen Sioshansi 2019-2024; \$2.98M)
- OSU Fisher Leadership Research Grant 2020 (PI: Elliot Bendoly; \$6,875)
- FDA and the National Institute of Pharmaceutical Technology and Education (NIPTE), Manufacturing Sector Research Initiative sub-award (PI: John Gray 2017-2020)
- OSU SERC Faculty Grant (PI: Christian Blanco and Erin McKie 2018; \$7,500)
- OSU Fisher College of Business Mini Grants (2017; \$2,000)
- National Science Foundation Graduate Research Fellowship (2011-2014)
- UCLA Easton Technology Leadership Program (Summer 2014; 2015)
- UCLA Anderson Center for Global Management Award (Summer 2014)
- NETL DOE Research Grant (co-authored grant with Jay Apt 2012-2014; \$125,000)
- UCLA Cota-Robles Graduate Fellowship 2011 (Declined)
- UC LEADS Professional Development Grant (UC Berkeley 2010-2011)

Teaching

Undergraduate

BUSMGT 3230: Intro to Operations Management: Au 2017 (4.1/5); Au 2018 (4.4/5)
 BUSMGT 3230: Intro to Operations Management: Au 2019 (4.6/5); Au 2020 (4.4*/5)

MBA

BUSOBA 7253: MBA Sustainable Operations Management: Au 2018 (4.3/5); Au 2019 (4.6/5, 4.7/5)

BUSOBA 7253: MBA Sustainable Operations Management: Au 2020 (4.8*/5, 5*/5)
 BUSOBA 7253: MBA Sustainable Operations Management: Au 2021 (4.3*/5, 4.4**/5)
 MBA 6233: Intro to Operations Management: Au 2021 (4.2**/5, 4.5*/5)

PhD

BUSMGT 8237: PhD Sustainable Operations Management: Spring 2019
 Legend: Au is for autumn semester. *denotes online class; **denotes hybrid class.

Invited Talks/Professional Development

Academic seminars

2021: The University of North Carolina at Chapel Hill
 2019: Engineering Management and Systems Engineering, George Washington University
 2017: The Frederick S. Pardee Center, Boston University

Other invitations

2022: Thomson Reuters Transform Supply Chains, Chicago, IL
 2022: Mid-Ohio Regional Planning Commission Sustainable Summit, Columbus, OH
 2022: The Risk Institute and The Center for Operational Excellence, Columbus, OH
 2019: Society for Risk Analysis Annual Meeting, Arlington, VA
 2018: OSU Materials Week Conference, Columbus, OH
 2016: UC Carbon Neutrality Initiative (Palo Alto, CA)

Professional Development

2022: Early-career sustainability operations workshop, University of Pennsylvania
 2022: Suppliers Partnership for the Environment Innovation Summit, Ohio State
 2020: Early-career sustainability operations workshop, Georgetown University

Invited Conference Presentations

2022: POMS (Online)[†], INFORMS (Indianapolis, IN)[†], DSI (Houston, TX)^{‡,*}
 2021: POMS (Online)[†], INFORMS (Online)[†], DSI (Online)[‡]
 2020: INFORMS (Online)[†], DSI (Online)[†]
 2019: POMS (Washington, DC), INFORMS (Seattle, WA)[†]
 2018: POMS (Houston, TX)[†], INFORMS (Phoenix, AZ)[†], DSI (Chicago, IL)
 2017: POMS (Seattle, WA), INFORMS (Houston, TX)
 2016: POMS (Orlando, FL), INFORMS (Nashville, TN)
 2015: POMS (Washington, DC), INFORMS (Philadelphia, PA)
 2014: INFORMS (San Francisco, CA)
[†]Session chair. [‡]Panelist. *Track chair for sustainability and corporate social responsibility.

Professional and Academic Memberships

Professional Organizations

Institute for Operations Research and the Management Sciences Society (INFORMS)
 Manufacturing and Service Operations Management Society (MSOM)
 Production and Operations Management Society (POMS)
 Decision Sciences Institute (DSI)

Alliance for Research on Corporate Sustainability

Ohio State University
Institute for Materials Research
EmPOWERment an NSF NRT
Sustainability Institute
Energy @ OSU

Students

*Undergraduate**

2017: Zac Graber (2018 President's Prize winner)

2018: Ruozhao (Ruo) Chen (Recipient of OSU University Fellowship)

2018: Calvin Spanbauer (Yenching Academy, Peking University; PhD student at Princeton)

2022: Vedha Rastogi (OSU Industrial Engineering; RISE program)

2022: Cameron Erdman (OSU Data Analytics)

*These are students that conducted research with me for at least one year or I was their thesis advisor.

Graduate

2017: Jinzhao (Daniel) Chen (Stats research assistant)

2021: Jeremiah Shum (RISE research)

2020: Sara Stienecker (MBA research assistant)

2020: Kira Barr (FDA BAA research)

2021: Nilang Vyas (Industrial Engineering; academic advising)

2022: Roopa P. Gundu (MBA; academic advising)

2022: Beverly Osborn (Dissertation Committee Member)

Service

2021 M&SOM Meritorious Service Award.

Reviewer for the following journals

Management Science

Manufacturing & Service Operations Management

Production and Operations Management

Journal of Operations Management

The Journal of Industrial Ecology

Miscellaneous

Computer Skills

R, Stata, WordStat, GAMS, MATLAB, Python (Gurobi), and MySQL