Christian C. Blanco

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

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Citizenship: US/Filipino (dual)
CV last updated: May 5, 2025

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. Ball, George, Hessam Bavafa, **Christian Blanco**, Hyunwoo Park, and Kaitlin Wowak. "Female Consumers and Serious Product Recalls in the U.S. Pharmaceutical Industry." *Production and Operations Management* (2024).

2. Donnelly, Grant, **Christian Blanco**, Calvin Spanbauer, and Sara Stienecker. The Effects of Item Dirtiness on Disposal Decisions. *Journal of Association for Consumer Research.* (2023)

3. **Blanco, Christian**. "A Classification of Carbon Abatement Opportunities of Global Firms." *Manufacturing & Service Operations Management.* (2022).

4. Park, Hyunwoo, **Christian Blanco**, and Elliot Bendoly. "Vessel Sharing and its Impact on Maritime Operations and Carbon Emissions." *Production and Operations Management* (2022).

5. **Blanco, Christian**. "Supply Chain Carbon Footprinting and Climate Change Disclosures of Global Firms." *Production and Operations Management* (2021).

6. 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).

7. **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).

8. **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.

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).

Practice-oriented publications

1. **Blanco, Christian**, Calvin Spanbauer, and Sara Stienecker. "America's Broken Recycling System." *CMR Insights.* (2023)

2. **Blanco, Christian**, Calvin Spanbauer, and Sara Stienecker. "Is it Time to Consider a National Recycling Standard?" *CMR Insights.* (2023)

3. **Blanco, Christian**, Felipe Caro, and Charles J. Corbett. "An Inside Perspective on Carbon Disclosure." *Business Horizons* (2017).

Work-in-progress

1. **Blanco, Christian**, Oznur Ozdemir, Erdinc Akyildirim. "Pooling carbon targets." *Second major revision at MSOM.*

2. Hessam Bavafa, **Christian Blanco**, and In Joon Noh. "Promoting generics: Effects on pharmaceutical quality." *Major revision in Management Science.*

3. **Blanco, Christian**, Charles J. Corbett, and Felipe Caro. "An exploratory analysis of variation in payback periods of emissions reductions projects using CDP disclosures." *Work in progress.*

4. **Blanco, Christian** and Nimesh Patel. "The Content of Climate Change Disclosures and Market Values." *Work in progress.*

5. Chun, Soh Hyun, **Christian Blanco**, James Hill. "A Ranking of Social Sustainability Issues." *Work in progress.*

6. Duo, Guowei, **Christian Blanco**, Gokce Esenduran. "Environmental and Economic Impacts of Pooled vs. Separate Carbon Targets." *Work in progress.*

7. Ungemach, Christoph, Vivek Astvansh, Suneal Bedi, **Christian Blanco**, Dinesh Puranam, Anna Sáez de Tejada Cuenca, Tamara Sheldon, Sara Constantino, Tamar Markov, Shelie Miller, Cem Ozturk, David Reibstein, David Hardisty. "The Role of Marketing Research in Achieving Environmentally Sustainable Consumption and Production." *Under review at Journal of Retailing.*

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 (Ratings on a 5-point scale)
BUSMGT 3230: Intro to Operations Management: Au 2017 (4.1); Au 2018 (4.4)
BUSMGT 3230: Intro to Operations Management: Au 2019 (4.6); Au 2020 (4.4*)

MBA (Ratings on a 5-point scale)
BUSOBA 7253: MBA Sustainable Operations Management: Au 2018 (4.3)
BUSOBA 7253: MBA Sustainable Operations Management: Au 2019 (4.6, 4.7)
BUSOBA 7253: MBA Sustainable Operations Management: Au 2020 (4.8*, 5*)
BUSOBA 7253: MBA Sustainable Operations Management: Au 2021 (4.3*, 4.4**)
BUSOBA 7253: MBA Sustainable Operations Management: Au 2022 (4*, 3.6*)
BUSOBA 7253: MBA Sustainable Operations Management: Au 2023 (4.5*, 4.3*)
BUSOBA 7253: MBA Sustainable Operations Management: Au 2024 (4.6*, 5.0*)
MBA 6233: Intro to Operations Management: Au 2021 (4.2**, 4.5*)
MBA 6233: Intro to Operations Management: Au 2022 (4.8, 4.1*)
MBA 6233: Intro to Operations Management: Au 2023 (4.7, 4.5*)
MBA 6233: Intro to Operations Management: Au 2024 (4.7, 3.8*)

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
2025: London Business School
2025: University of Oxford
2024: Syracuse University
2024: Ateneo De Manila University
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
2025: University of Illinois Urbana Champaign Supply Chain Conference, Champaign–Urbana, IL
2023: Purdue Research Symposium on Operations, West Lafayette, IN
    Choice Symposium at INSEAD, Fontainebleau, France
    OSU Environmental Professionals Network, Columbus, OH
    OSU Access University Development in the Office of Corporate Relations, Columbus, OH
2022: Thomson Reuters Transform Supply Chains, Chicago, IL
    Mid-Ohio Regional Planning Commission Sustainable Summit, Columbus, OH
    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

Professional Development
2024: Michigan Ross Unstructured Data and Language Models, Ann Arbor, MI
2023: Business of carbon offsets workshop, Georgetown University
       Tenure and promotion writing workshop, Ohio State University
2022: Early-career sustainability operations workshop, University of Pennsylvania
2022: Suppliers Partnership for the Environment Innovation Summit, Ohio State University
2020: Early-career sustainability operations workshop, Georgetown University

Invited Conference Presentations

2024: POMS (Minneapolis, MN)[†], INFORMS (Seattle, WA)
2023: POMS (Orlando, FL)[†], INFORMS (Phoenix, Arizona)[†]
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 (2020-2022)
Alliance for Research on Corporate Sustainability (2022)

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

Service

2023 OSU Sustainability Institute University Research Visioning Committee
2021 M&SOM Meritorious Service Award.

Reviewer for the following journals
Management Science (n=12)
Manufacturing & Service Operations Management (n=13)
Production and Operations Management (n=34)

Journal of Operations Management (n=8)
The Journal of Industrial Ecology
Environmental Science & Technology

Miscellaneous

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