

# CURRICULUM VITAE

WAYNE FU

College of Business, University of Michigan-Dearborn  
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## 1. Education

**Ph.D.—Operations Management** **December 2017**

GEORGIA INSTITUTE OF TECHNOLOGY, Atlanta, Georgia  
Dissertation Titles: Essays for Environmentally Responsible Operations  
Advisors: Ravi Subramanian and Atalay Atasu

**M.B.A.** **December 2009**

UNIVERSITY OF WARWICK, Coventry, England

**M.Eng.—Manufacturing** **December 1998**

UNIVERSITY OF MICHIGAN, Ann Arbor, Michigan

## 2. Teaching and Research Interests

### Research Interests

Sustainable Operations  
Supply Chain Management  
Operation Strategies

### Teaching Interests

Statistics and Management Science  
Business Analytics  
Operations and Supply Chain Management

## 3. Employment History

**Visiting Associate Professor** **August 2025 to present**

Department of Operations and Business Analytics  
Fisher College of Business  
THE OHIO STATE UNIVERSITY, Columbus, Ohio

**Associate Professor of Decision Sciences** **July 2024 to present**

Department of Information and Operations Management  
College of Business  
UNIVERSITY OF MICHIGAN - DEARBORN, Dearborn, Michigan

**Assistant Professor of Decision Sciences** **July 2017 to June 2024**

Department of Management Studies  
College of Business  
UNIVERSITY OF MICHIGAN - DEARBORN, Dearborn, Michigan

**Director** **January 2006 to May 2012**  
Product Management  
PTC, INC. (formerly SERVICISTICS, INC.), Atlanta, Georgia

**Project Manager** **July 2004 to December 2005**  
Consulting Service  
BLUE YONDER GROUP, INC. (formerly i2 TECHNOLOGIES, INC.), Dallas, Texas

**Solution Manager** **June 2002 to June 2004**  
Sales and Consulting Service  
BLUE YONDER GROUP, INC. (formerly i2 TECHNOLOGIES, INC.), Tokyo, Japan

**Senior Consultant** **January 1999 to May 2002**  
Consulting Service  
BLUE YONDER GROUP, INC. (formerly i2 TECHNOLOGIES, INC.), Dallas, Texas

#### **4. Professional Registration/Licensure/Certification**

Certified in Production and Inventory Management (CPIM)  
Japanese Language Proficiency Test (JLPT): Level 1 (highest)

#### **5. Honors and Awards**

Honorable Mention, JOM Jack Meredith Best Paper Award, 2025  
Best Researcher, College of Business, University of Michigan-Dearborn, 2022  
Honorable Mention, M&SOM Society Award for Responsible Research in Operations Management, 2020  
Dean's Fellowship, Georgia Institute of Technology, 2012 – 2016  
Best Consultant, i2 Technologies, 2001

#### **6. Scientific and Professional Societies Memberships**

The Academy of Management (AOM)  
The European Operations Management Association (EurOMA)  
The Decision Science Institute (DSI)  
The Institute of Operations Research and Management Science (INFORMS)  
The Manufacturing and Service Operations Society (M&SOM)  
The Production and Operations Management Society (POMS)

## 7. Teaching Activities

### a) Teaching Assignments (Selected)

Term	Course Number	Course Title	Cr. Hrs	Num. of Students
Winter 21	DS 301 (2 sessions)	Intro Business Statistics	3	52
	DS 631	Decision Analysis	3	13
Fall 21	DS 301 (2 sessions)	Intro Business Statistics	3	28
	DS 631	Decision Analysis	3	10
Winter 22	DS 301	Intro Business Statistics	3	10
	DS 631	Decision Analysis	3	13
Fall 22	DS 301 (2 sessions)	Intro Business Statistics	3	60
	DS631	Decision Analysis	3	12
Winter 23	DS 301	Intro Business Statistics	3	40
	DS 631	Decision Analysis	3	11
Fall 23	DS 301 (2 sessions)	Intro Business Statistics	3	52
	DS631	Decision Analysis	3	27
Winter 24	DS 301	Intro Business Statistics	3	30
	DS 631	Decision Analysis	3	17
Fall 24	DS 301 (2 sessions)	Intro Business Statistics	3	72
	DS 633	Data Mining for Business Applications	3	10
Winter 25	DS 301	Intro Business Statistics	3	40
	DS 631	Decision Analysis	3	8
Fall 25	BusOBA 4232	Operations Planning & Control	3	19

### b) Graduate/Undergraduate Student Supervision

#### DBA/PHD Dissertation Committee

Marlene Gonzalez: Pepperdine University

#### Master Thesis Committee

Ching-Kuan Tsai: National Taiwan University

#### Undergraduate Research Projects

Catalina Bibang: 2023 Summer Undergraduate Research Experience

Phuong Dinh: 2022 Summer Undergraduate Research Experience

Siddarth Patel: 2021 Summer Undergraduate Research Experience

Jay Hopson: 2019 Summer Undergraduate Research Experience

Adrian Maloy: 2018 Summer Undergraduate Research Experience

## c) Other Teaching Experiences

### Teaching Assignments at Georgia Institute of Technology

Term	Course Number	Course Title	Cr. Hrs	Num. of Students
Spring15	MGT2251	Introduction to Management Science	3	42
Fall15	MGT2251	Introduction to Management Science	3	46

### External Advisory

External industry advisor for graduate students from the School of Operations Research and Information Engineering at Cornell University (2011 – 2012)

## 8. Research Activities

### a) Publications

#### Manuscript published

- [1] **Fu, W.**, B. Kalkanci, R. Subramanian., “Are Hazardous Substance Rankings Effective? An Empirical Investigation of Changing Assessments of the Relative Hazards of Chemicals and Voluntary Emissions Reductions,” *Manufacturing and Service Operations Management*, 21(3), 2019, pp 602-619.
  - Featured in Science Daily, Phys.Org, M&SOM Review, Georgia Tech Research Horizons, and UM-Dearborn Reporter
  - Honorable Mention for the M&SOM Society Award for Responsible Research in Operations Management, 2020
- [2] **Fu, W.**, H.C. Su, “Take Actions or Outsource? An Empirical Examination of Strategic Environmental Options on Greenhouse Gas Emissions,” *International Journal of Operations and Production Management*, 40(6), 2020, pp 753-776.
- [3] **Fu, W.**, C.P. Su, “The Implications of Efficiency Differences in Sustainable Development: An Empirical Study in the Consumer Product Industry,” *Business Strategy and the Environment*,30(5), 2021, pp 2489-2504.
- [4] **Fu, W.**, A. Atasu, N. Tereyagoglu, “Warranty Length, Product Reliability, and Secondary Markets,” *Manufacturing and Service Operations Management*, 24(4), 2022, pp 2240-2255.
  - Featured in UM-Dearborn Reporter
  - Invited to present at Vehicle Service & Warranty Lifecycle Summit, 2022
- [5] **Fu, W.**, B. Jacobs, “Does Increased Water Efficiency Improve Financial Performance? The Important Role of Operational Efficiency,” *International Journal of Operations and Production Management*, 42(3), 2022, pp 304-330.
- [6] Su, H.C., **W. Fu**, K. Linderman, “Early Mover Advantages in Environmental Initiatives,” *Journal of Operations Management*, 70(7), 2024, pp 1155-1177
  - Honorable Mention for the JOM Jack Meredith Best Paper Award, 2025

- [7] Kao, T.W., H.C. Su, Y. Ro, **W. Fu**, "Love thy Neighbor, But Don't Pull Down Your Hedge: The Influence of Dependence Dynamics on Supplier Productivity," *Journal of Purchasing and Supply Management*, 31(1), 2025, 100969
- [8] **Fu, W.**, G. Shang, X. Tong, "Budget Disclosure in Crowdfunding: Information Asymmetry and Cost Transparency," *Manufacturing and Service Operations Management*, 27(2), 2025, pp 659-678.

**Manuscripts under review**

- [9] Cole, D., H.C. Su, **W. Fu**, T. Schoenherr, "Striving for Mediocrity: Evaluating Buyer and Competitor Pressure on Supplier Responses to Relative Environmental Performance." (under 2<sup>nd</sup> round review at *Journal of Business Logistics*)
- [10] Hsu, K., **W. Fu**, H.C. Su, " Setting the Bar for Green: An Empirical Analysis of Emission." (under review at *International Journal of Operations and Production Management*)
- [11] Cole, D., **W. Fu**, H.C. Su, "The Influence of Voluntary Environmental Disclosure on the Environmental Impact of Waste Reduction Activities." (under review at *Decision Science*)
- [12] Chen Y.S., S. Shen, **W. Fu**, "Strategic Buyer-Supplier Relationship Dissolution: Application through the Lens of the Actor-Partner Interdependence Model." (under review at *Journal of Business Logistics*)

**Research in progress**

- [13] **Fu, W.**, "Whom to Blame? The warranty options and product failure attribution."
- [14] Su, C.P., **W. Fu**, "The implications of Green Intention and Behavior."
- [15] Yeo W.M., **W. Fu**, "On-Time by Design. Ride-pooling Subsidies for Workers"

**b) Presentations**

**Industry Conference Presentations (Selected):**

- [1] "Whom to Blame? The warranty options and product failure attribution." 2023 Vehicle Service & Warranty Lifecycle Summit, Southfield, MI, Oct 2023
- [2] "Are longer warranties more profitable?" 2022 Vehicle Service & Warranty Lifecycle Summit, Southfield, MI, Oct 2022
- [3] "Information Dissemination in Chemical Safety?" ATSDR Seminar, Atlanta, GA, July 2017

**Research Seminar Presentations (Selected):**

- [1] "On-Time by Design. Ride-pooling Subsidies for Workers." National Taiwan University, Taipei, Taiwan, June 2025
- [2] "The Role of Information in Operations." National Chengchi University, Taipei, Taiwan, May 2024
- [3] "Does Increased Water Efficiency Improve Financial Performance?" National Sun Yat-Sen University, Kaohsiung, Taiwan, May 2023
- [4] "The Role of Waste Management Hierarchy in Sustainable Operations." University of Groningen, Groningen, Netherlands, July 2023

### **Academic Conference Presentations (Selected):**

- [1] “*The impact of target types and operational efficiency on greenhouse gas emission*” POMS Annual Meeting 2024, Minneapolis, MN., April 2024
- [2] “*Budget disclosure in crowdfunding: information asymmetry and cost transparency,*” DSI Annual Meeting 2023, Atlanta, GA., Nov 2023
- [3] “*Green Intention and Behavior on Firm Performance and Business Risk,*” EurOMA 2023, Leuven, Belgium., July 2023
- [4] “*Waste Management Hierarchy in Sustainable Operations,*” POMS Annual Meeting 2023, Orlando, FL., May 2023
- [5] “*How Does it Matter? The Implications of Firms' Green Intention,*” DSI Annual Meeting 2022, Houston, TX., November 2022
- [6] “*The Strategic Benefits of Environmental Practices Adoption Speed,*” EurOMA 2022, Berlin, Germany, July 2022

### **c) Awarded Grants**

- [1] Summer Undergraduate Research Experience, 2018-2023
- [2] Early-Career Faculty Development, annual, 2017-2021
- [3] Junior Faculty Summer Research Grant, annual, 2017-2021
- [4] Covid Research Relief Fund, 2022

## **9. Service Activities**

### **a) University Service**

#### **University-wide Level**

Serving as the COB representative for the Summer Undergraduate Research Experience program (2018 to present)

#### **College Level**

Member of the scholarship and award committee (2021 to present, Chair 2023)

Secretary of Governing Faculty (2020)

Faculty search committees (HR, IT, Strategy, Marketing, Accounting, Finance)

#### **Department Level**

Conducted AOL assessment for the Business Analytics program using DS631 (2020, 2023)

### **b) Professional Activities**

#### **Journal Editorship**

Member of the editorial review board:

*Journal of Operations Management* (2025 to present)

*Production and Operations Management* (2025 to present)

*International Journal of Operations and Production Management* (2022 to present)

Associate editor - *International Journal of Production Engineering* (2019 to present)  
Online editor - College of Sustainable Operations of the Production and Operations Management Society (2022 to 2024)

**Journals/Conferences Reviewer**

Journals: *Management Science*, *Manufacturing & Service Operations Management*, *International Journal of Operations and Production Management*, *Production and Operations Management*, and *Production Planning & Control*.

Conferences: Midwest Academy of Management, EurOMA.

**Competition Judge**

Student Paper Competition, College of Sustainable Operations of the Production and Operations Management Society (2020, 2023)

Student Paper Competition, Decision Science Institute (2025)