

Zachary A. Wright

Ph.D. Candidate

Operations and Business Analytics

The Ohio State University, Fisher College of Business

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EDUCATION

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| The Ohio State University, Fisher College of Business | Columbus, OH |
| <ul style="list-style-type: none">• Ph.D. Candidate in Operations and Business Analytics• Advisor: John Gray | Aug 2020 - present |
| Brigham Young University, Marriott School of Management | Provo, UT |
| <ul style="list-style-type: none">• B.S. in Global Supply Chain Management• Minor in Statistics• Dean's List (top 5 %) & awarded academic scholarship (full tuition)• Full-time mission: The Church of Jesus Christ of Latter-day Saints | Aug 2011 - Apr 2017
Jan 2012 - Feb 2014 |

RESEARCH INTERESTS

Empirical Operations Management, Monitoring and Compliance, Production Quality

RESEARCH

Papers Under Review

- **Wright, Z.**, Gray, J., Ball, G., Anand, G., Ruttenberg, D. Production Quality Under Exogenous Shock: Food Production After COVID-19. *Reject and resubmit at Journal of Operations Management.*
- Noh, I, Gray, J., Ball, G., **Wright, Z.**, Park, H. Are All Generic Drugs Created Equal? An Empirical Analysis of Generic Drug Manufacturing Location and Serious Drug Adverse Events. *Major Revision at Production and Operations Management.*
- Hall, T., Gardner, J., **Wright, Z.** Does Artificial Intelligence Stimulate or Diminish Human Interactions? An Affordance Perspective on AI, Relational Coordination, and Performance. *Major Revision at Production and Operations Management.*

Working Papers

- **Wright, Z.**, Gray, J., Ball, G., Noh, I. Surprise! The Relative Effectiveness of Preannounced and Unannounced Inspections in the Pharmaceutical Industry. *Preparing manuscript to be submitted to Journal of Operations Management.*
- **Wright, Z.**, Boyer, K., Craig, N. Big Brother Is Watching: An Empirical Analysis of Monitoring Intensity and the Safety-Productivity Tradeoff. *Analyzing Data.*

- Hall, T., Gardner, J., **Wright, Z.** AI Interaction Types: How Does Your Type Influence Relational Coordination? *Preparing manuscript to be submitted to Academy of Management.*
- **Wright, Z.**, Gray, J., Massimino, B. How Secure is WFH? The Influence of Hybrid Working Arrangements on Cyber Security Compliance. *In Progress.*

TEACHING EXPERIENCE

Instructor

- *Introduction to Operations Management (Summer 2024):* A 3-credit, full-semester required course for business undergraduates. Topics include quality management, scheduling, capacity management, forecasting, inventory, supply chain management, logistics, etc.

Teaching Assistant

- *Econometrics Ph.D. Seminar – Ph.D.-level (Fall 2023)*
 - Taught statistics and econometric methods to Ph.D. students
- *Business Analytics – Undergraduate-level (Spring 2023)*
 - Taught weekly recitations to 50+ undergraduate students
 - Held weekly office hours
- *Introduction to Operations Management – MBA-level (Fall 2022)*
 - Created assignment and exam materials
- *Introduction to Operations Management – Undergraduate-level (Fall 2021, Spring 2021)*
 - Taught weekly recitations to 50+ undergraduate students
 - Held weekly office hours
- *Project Management – MBA-level (Summer 2021)*
 - Provided course facilitation support to 20+ MBA students

PROFESSIONAL EXPERIENCE

Whirlpool Corporation (Global Supply Chain Leadership Development Program)

Production Planner Jan 2020 - Jul 2020

- Created production plans for \$300M+ spare parts operation
- Designed and implemented cross-departmental continuous improvement projects

Procurement Analyst Jan 2019 - Dec 2019

- Ran sourcing events for transportation and warehousing services
- Supported organization-wide initiative to redesign supplier footprint strategy

Finance Operations Analyst Jul 2017 - Dec 2018

- Ran plant-wide engineering resource prioritization process
- Led design, roll-out, and training of plant-wide financial and production tracking system

Orbital ATK

Supply Chain Intern

May 2016 - Sep 2016

- Performed on-site assessments of international suppliers' capabilities
- Spearheaded analysis and creation of long-term international sourcing strategy

CONFERENCE PRESENTATIONS

Surprise! The Relative Effectiveness of Preannounced and Unannounced Inspections in the Pharmaceutical Industry

- INFORMS Annual Conference, 2024 (Seattle)
- Production & Operations Management Society (POMS) Conference, 2024 (Minneapolis)
- INFORMS Annual Conference, 2023 (Phoenix)
- Industry Studies Association (ISA) Conference, 2023 (Columbus)
- Production & Operations Management Society (POMS) Conference, 2023 (Orlando)

Production Quality Under Exogenous Shock: Food Production After COVID-19

- Production & Operations Management Society (POMS) Conference, 2024 (Minneapolis)

HONORS AND AWARDS

- 2024 Fisher College of Business PhD Student Excellence in Research Award
- 1st Place Team – 2016 Nature's Sunshine and BYU GSC Case Competition
- 1st Place Team – 2016 Orbital ATK and Weber State GSC Case Competition
- 4th Place Team – 2017 Carlson School National GSC Case Competition

RELEVANT COURSEWORK

Operations Management Doctoral Seminars

- Operations and Technology Strategy (Professor Aravind Chandrasekaran)
- Service Operations Parts 1 & 2 (Professor Kenneth Boyer)
- Operations Excellence Fundamentals (Professor Aravind Chandrasekaran)
- Supply Chain Management (Professor James Hill)
- Design of Experiments in OM Research (Professors Elliot Bendoly & James Hill)
- Operations Planning Parts 1 & 2 (Professor WC Benton)
- Operations Strategy (Professor Kenneth Boyer)
- Qualitative Methods for OM Research (Professor Aravind Chandrasekaran)
- Econometric Methods for OM Research (Professor John Gray)
- Social Operations and Supply Chain Management (Professor James Hill)
- Innovation Management (Professor Elliot Bendoly)

Statistics and Other Methods Courses (Graduate-level)

- Mathematical Statistics
- Design of Experiments
- Linear Regression

- Discrete Data Analytics
- Linear Programming
- Econometric Methods
- Northwestern Causal Inference Workshop (1-week intensive workshop on econometric causal inference methods taught by world-class experts)

ACADEMIC SERVICE

- Session chair: Production & Operations Management Society (POMS) Conference 2023
- Reviewer: Production and Operations Management
- Reviewer: Journal of Management Accounting Research

SKILLS

- Programming: R, Stata, LaTeX, SAS, SQL, Tableau
- Fluent in Spanish—speak, read, write, translate, and interpret

VOLUNTEER

Brigham Young University Pre-Management Association

President

Sep 2016 - Apr 2017

- Conducted seminars on skills, professional, and educational development
- Chaired and carried out career preparation programs for 2,000+ club members

The Church of Jesus Christ of Latter-day Saints

Volunteer Representative (Fresno, CA)

Jan 2012 - Feb 2014

- Created community engagement programs for culturally diverse groups
- Conducted trainings for peers in communication, leadership, teaching, and culture skills

PROFESSIONAL AFFILIATIONS

- Production and Operations Management Society (POMS)
- Institute for Operations Research and Management Science (INFORMS/MSOM)
- Industry Studies Association (ISA)
- Council of Supply Chain Management Professionals (CSCMP)
- Institute for Supply Management (ISM)

REFERENCES

John Gray (Advisor)

Dean's Distinguished Professor of Operations

Fisher College of Business

The Ohio State University, Columbus

Email: gray.402@osu.edu

Kenneth Boyer (Committee Member)

Fisher Designated Professor of Operations and Business Analytics

Fisher College of Business

The Ohio State University, Columbus

Email: boyer.9@osu.edu

Nathan Craig (Committee Member)

Associate Professor

Fisher College of Business

The Ohio State University, Columbus

Email: craig.186@osu.edu

George Ball (External Committee Member)

Associate Professor

Kelley School of Business

Indiana University, Bloomington

Email: gpballe@indiana.edu

Last updated: May 24, 2024