

# Tyson Browning

[TysonBrowning.com](http://TysonBrowning.com)



Neeley School  
of Business

TCU Box 298530  
Fort Worth, Texas 76129 USA  
+1-817-257-5069  
[t.browning@tcu.edu](mailto:t.browning@tcu.edu)

**Cox Family Endowed Chair Professor of Operations Management**  
Department of Information Systems and Supply Chain Management  
Neeley School of Business, Texas Christian University



## ACADEMIC APPOINTMENTS

### Neeley School of Business, TCU

2025 – Present	Cox Family Endowed Chair Professor of Operations Management
2015 – 2025	Professor of Operations Management
2009 – 2015	Associate Professor of Operations Management
2003 – 2009	Assistant Professor of Operations Management

## AFFILIATED APPOINTMENTS

**Aston University** (Birmingham, UK) Honorary Professor, College of Business & Social Sciences, 2023-2026

**University of North Texas** (Denton, TX) Visiting G. Brint Ryan Chair Professor of Supply Chain Management, G. Brint Ryan College of Business, 2025 (during merited leave from TCU)

**University of Melbourne** (Australia) Eminent Research Scholar, Faculty of Business and Economics, 2023

## EDUCATION

**Massachusetts Institute of Technology** (Cambridge, Massachusetts)

**Ph.D.** *Technology, Management and Policy*

**S.M.** *Technology and Policy*

**S.M.** *Aeronautics and Astronautics* (Systems Engineering)

**Abilene Christian University** (Abilene, Texas)

**B.S.** *Engineering Physics* (with University Honors)

## HIGHLIGHTS

- Internationally recognized thought leader, researcher, educator, speaker, and consultant—bridging management and engineering
- Ex-Co-Editor-in-Chief, *Journal of Operations Management* (UTD24, FT50, ABS 4\*, ABDC A\*), 2018-2023 (max 2 terms)
- 22 years teaching the Operations Management core course in TCU's highly rated MBA program ([#1 in Faculty Quality, The Economist](#); [#6 in Operations Management, The Princeton Review](#))
- 54 peer-reviewed publications in respected journals (7 *JOM*, 2 *POM*, 2 *MSOM*, 1 *ISR*, 2 *DS*, 1 *CMR*, 9 *IEEE-TEM*)
- 80+ other articles, conference papers, book chapters, editorials, etc. (11 *JOM*, 1 *SMR*)
- Co-author of the primary [book](#) on the Design Structure Matrix, a tool for modeling and analyzing complex systems and networks (also translated into Japanese)
- 13,000+ citations of research publications (Google Scholar)
- Included in the [World's Top 2% Scientists List by Stanford University](#)
- 300+ academic and industry presentations and workshops given in 24 countries
- Primary investigator on \$300k grant funded by the Office of Naval Research
- Neeley School's highest internal honor: Rob Rhodes Professor of the Year, 2021
- Neeley School's nominee and Finalist for the TCU Chancellor's Award for Distinguished Achievement as a Creative Teacher and Scholar, 2013 and 2023

## I. Research

### I.1 Interests

- Managing complex technical projects/programs
- Process modeling, analysis, tailoring, and improvement (including Lean and Six Sigma)
- Architectures of complex projects, products, processes, and organizations
- Design Structure Matrix (DSM)
- Risk, opportunity, and value management
- Management of innovation and product development
- Enterprise processes and integration

### I.2 Impact Measures

As of Dec. 18, 2025, via [Google Scholar](#): **13,005** citations (4,344 since 2020)

h-index: **45** (45 papers with at least 45 citations)

i10-index: **70** (70 papers with at least 10 citations)

### I.3 Selected Refereed Research Publications in Journals

- P54 Tortorella, Guilherme, Maneesh Kumar, Matthias Thürer, **Tyson R. Browning**, Peter Hines, David Romero, Andrea Furlan (2026) "Lean and Organizational Resilience: A Discussion," *International Journal of Production Economics*, 293: 109897. [DOI](#)
- P53 Cash, Philip, Melanie Kreye, and **Tyson R. Browning** (2025) "One Step Forward, Two Steps Back: Managing Uncertainties in Outcomes, Deliverables, and Means in Behavioral Intervention Development Projects," *Journal of Operations Management*, online. [DOI](#)
- P52 Petropoulos, Fotios, et al. (93 coauthors, including **Tyson R. Browning**) (2026) "Operations & Supply Chain Management: Principles and Practice," *International Journal of Production Research*, 64(1): 330-513. [DOI](#)
- P51 Song, Jie, Jinbo Song, **Tyson Browning**, and Mario Vanhoucke (2026) "Project Monitoring and Control with an Empirically Grounded Budget-release Model," *European Journal of Operational Research*, 328(2): 646-667. [DOI](#)
- P50 **Browning, Tyson R.** and Jonas Koch (2025) "Exploring the Process of Manufacturing Change Management," *IEEE Transactions on Engineering Management*, 72: 3599-3620. [DOI](#)
- P49 Shalpegin, Timofey, **Tyson R. Browning**, and Ajay Kumar (2025) "OM Forum—Barriers to Implementing Diversity, Equity, and Inclusion (DEI) Programs in Supply Chains: Lessons from Comparing Public and Private Firms," *Manufacturing & Service Operations Management*, 27(2): 339-678. [DOI](#)
- P48 Shalpegin, Timofey, Ajay Kumar, and **Tyson R. Browning** (2025) "Undiversity, Inequity, and Exclusion in Supply Chains: The Unintended Fallout of Economic Sanctions and Consumer Boycotts," *Production and Operations Management*, 34(4): 829-836. [DOI](#)
- P47 Thirumalai, Sriram, Sarv Devaraj, and **Tyson R. Browning** (2024) "Uncertainty in Healthcare Operations: How Hospitals Weather the Perfect Storm," *Journal of Operations Management*, 70(8): 1194-1212. [DOI](#)
- P46 Lu, Jiachun, Tingting Yan, and **Tyson R. Browning** (2024) "Into the Unknown? Explaining Management Nonresponse After a Supply-base Disruption," *Journal of Operations Management*, 70(8): 1213-1233. [DOI](#)
- P45 Zhang, Dawei (David), Gang Peng, Yuliang (Oliver) Yao, and **Tyson R. Browning** (2024) "Is a College Education Still Enough? The IT-Labor Relationship with Education Level, Task Routineness, and Artificial Intelligence," *Information Systems Research*, 35(3): 992-1010. [DOI](#)
- P44 **Browning, Tyson R.**, Maneesh Kumar, Nada Sanders, ManMohan S. Sodhi, Matthias Thürer, and Guilherme Tortorella (2023) "From Supply Chain Risk to Systemwide Disruptions: Research Opportunities in Forecasting, Risk Management, and Product Design," *International Journal of Operations and Production Management*, 43(12): 1841-1858. [DOI](#)
- P43 He, Qidong, Nengmin Wang, **Tyson R. Browning**, and Bin Jiang (2022) "Competitive Collection with Convenience-perceived Customers," *European Journal of Operational Research*, 303(1): 239-254. [DOI](#)
- P42 Yang, Qing, Na Yang, **Tyson R. Browning**, Bin Jiang, and Tao Yao (2022) "Clustering Product Development Project Organization from the Perspective of Social Network Analysis," *IEEE Transactions on Engineering Management*, 69(6): 2482-2496. [DOI](#)

- P41 Allaverdi, David and **Tyson R. Browning** (2020) "A Methodology for Identifying Flexible Design Opportunities in Large-scale Systems," *Systems Engineering*, 23(5): 534-556. [DOI](#)
- P40 Collins, Shawn T. and **Tyson R. Browning** (2019) "It Worked There, So It Should Work Here: Sustaining Change while Improving Product Development Processes," *Journal of Operations Management*, 65(3): 216-241. [DOI](#)
- P39 **Browning, Tyson R.** (2019) "Planning, Tracking, and Reducing a Complex Project's Value at Risk," *Project Management Journal*, 50(1): 71-85. [DOI](#)
- P38 **Browning, Tyson R.** (2018) "Building Models of Product Development Processes: An Integrative Approach to Managing Organizational Knowledge," *Systems Engineering*, 21(1): 70-87. [DOI](#) Finalist for journal's **best paper of the year**.
- P37 Engel, Avner, **Tyson R. Browning**, and Yoram Reich (2017) "Designing Products for Adaptability: Insights from Four Industrial Cases," *Decision Sciences*, 48(5): 875-917. [DOI](#) In the **top 10% of citations (out of 347) in DS since 2017 (according to Web of Science, Aug. 2025)**
- P34 **Browning, Tyson R.** and Ali A. Yassine (2016) "Managing a Portfolio of Product Development Projects under Resource Constraints," *Decision Sciences*, 47(2): 333-372.
- P33 **Browning, Tyson R.** (2016) "Design Structure Matrix Extensions and Innovations: A Survey and New Opportunities," *IEEE Transactions on Engineering Management*, 63(1): 27-52. **5<sup>th</sup>-most-cited paper (out of 2,333) in IEEE-TEM since 2016 and 27<sup>th</sup>-most-cited (out of 4,331) in the 72-year history of IEEE-TEM (according to Web of Science, Aug. 2025)**
- P32 Meier, Christoph, **Tyson R. Browning**, Ali A. Yassine, and Ulrich Walter (2015) "The Cost of Speed: Work Policies for Crashing and Overlapping in Product Development Projects," *IEEE Transactions on Engineering Management*, 62(2): 237-255.
- P31 **Browning, Tyson R.** (2014) "A Quantitative Framework for Managing Project Value, Risk, and Opportunity," *IEEE Transactions on Engineering Management*, 61(4): 583-598.
- P30 **Browning, Tyson R.** (2014) "A Role-Playing Game for Teaching about Enterprise Process Integration," *Journal of Enterprise Transformation*, 4(3): 226-250.
- P29 Ramasesh, Ranga V. and **Tyson R. Browning** (2014) "A Conceptual Framework for Tackling Knowable Unknown Unknowns in Project Management," *Journal of Operations Management*, 32(4): 190-204.
- P27 **Browning, Tyson R.** (2014) "Managing Complex Project Process Models with a Process Architecture Framework," *International Journal of Project Management*, 32(2): 229-241.
- P26a Sosa, Manuel E., Jürgen Mihm, and **Tyson R. Browning** (2013) "Linking Cyclicity and Product Quality," *Manufacturing & Service Operations Management*, 15(3): 473-491.
- P25 **Browning, Tyson R.**, Nadia R. Sanders (2012) "Can Innovation Be Lean?" *California Management Review*, 54(4): 5-19.
- P24 Sosa, Manuel E., Jürgen Mihm and **Tyson R. Browning** (2011) "Degree Distribution and Quality in Complex Engineered Systems," *Journal of Mechanical Design*, 133(10): 101008 (15 pages).
- P23 **Browning, Tyson R.** and Ali A. Yassine (2010) "Resource-Constrained Multi-Project Scheduling: Priority Rule Performance Revisited," *International Journal of Production Economics*, 126(2): 212-228.
- P22a **Browning, Tyson R.** (2010) "On the Alignment of the Purposes and Views of Process Models in Project Management," *Journal of Operations Management*, 28(4): 316-332.
- P21 **Browning, Tyson R.** and Ali A. Yassine (2010) "A Random Generator of Resource-Constrained Multi-Project Network Problems," *Journal of Scheduling*, 13(2): 143-161.
- P20 Lévárdy, Viktor and **Tyson R. Browning** (2009) "An Adaptive Process Model to Support Product Development Project Management," *IEEE Transactions on Engineering Management*, 56(4): 600-620. In the **top 4% of citations (out of 4,331 papers) in the 72-year history of IEEE-TEM (according to Web of Science, Aug. 2025)**
- P19 **Browning, Tyson R.** (2009) "The Many Views of a Process: Towards a Process Architecture Framework for Product Development Processes," *Systems Engineering*, 12(1): 69-90. In the **top 5% of citations (out of 714 papers) in the journal since 2007 (according to Web of Science, Aug. 2025)**
- P18 **Browning, Tyson R.** and Ralph D. Heath (2009) "Reconceptualizing the Effects of Lean on Production Costs with Evidence from the F-22 Program," *Journal of Operations Management*, 27(1): 23-44. In the **top 11% of citations (out of 730 papers) in the journal since 2009 (according to Web of Science, Aug. 2025)**

- P14 Meier, Christoph, Ali Yassine and **Tyson R. Browning** (2007) "Design Process Sequencing with Competent Genetic Algorithms," *Journal of Mechanical Design*, 129(6): 566-585.
- P13 **Browning, Tyson R.** and Ranga V. Ramasesh (2007) "A Survey of Activity Network-based Process Models for Product Development Project Management," *Production and Operations Management*, 16(2): 217-240. **In the top 6% of citations (out of 2,872 papers) in the history of POM (according to Web of Science, Aug. 2025)**
- P11 **Browning, Tyson R.**, Ernst Fricke, and Herbert Negele (2006) "Key Concepts in Modeling Product Development Processes," *Systems Engineering*, 9(2): 104-128. **2<sup>nd</sup>-most-cited paper (out of 467) in the 18-year history of SE (Oosthuizen et al. 2016); N.B.: Web of Science does not capture papers in SE prior to 2007.**
- P10 **Browning, Tyson R.** (2003) "On Customer Value and Improvement in Product Development Processes," *Systems Engineering*, 6(1): 49-61.
- P9 **Browning, Tyson R.**, John J. Deyst, Steven D. Eppinger, and Daniel E. Whitney (2002) "Adding Value in Product Development by Creating Information and Reducing Risk," *IEEE Transactions on Engineering Management*, 49(4): 443-458. **In the top 2% of citations (out of 4,331 papers) in the 72-year history of IEEE-TEM (according to Web of Science, Aug. 2025)**
- P8 **Browning, Tyson R.** and Steven D. Eppinger (2002) "Modeling Impacts of Process Architecture on Cost and Schedule Risk in Product Development," *IEEE Transactions on Engineering Management*, 49(4): 428-442. **14<sup>th</sup>-most-cited paper (out of 4,331) in the 72-year history of IEEE-TEM (according to Web of Science, Aug. 2025)**
- P7 **Browning, Tyson R.** (2002) "Process Integration Using the Design Structure Matrix," *Systems Engineering*, 5(3): 180-193. **9<sup>th</sup>-most-cited paper (out of 467) in the 18-year history of SE (Oosthuizen et al. 2016); N.B.: Web of Science does not capture papers in SE prior to 2007.**
- P6 **Browning, Tyson R.** (2001) "Applying the Design Structure Matrix to System Decomposition and Integration Problems: A Review and New Directions," *IEEE Transactions on Engineering Management*, 48(3): 292-306. **3<sup>rd</sup>-most-cited paper (out of 4,331) in the 72-year history of IEEE-TEM (according to Web of Science, Aug. 2025); also cited by four patents (IEEE Xplore)**

#### I.4 Selected Other Publications (Editorially Reviewed and Non-refereed)

- O53 Suri, Rajan, Suzanne de Treville, **Tyson R. Browning**, and Roger Schmenner (2025) "Leveraging Strategic Demand Variability: The Role of Lead-Time Measurement," *Journal of Operations Management*, 71(6): 734-740. [DOI](#)
- O52 Shalpegin, Timofey, **Tyson R. Browning**, Ajay Kumar, Guangzhi Shang, Jason Thatcher, Jan C. Fransoo, Matthias Holweg, and Benn Lawson (2025) "Generative AI and Empirical Research Methods in Operations Management," *Journal of Operations Management*, 71(5): 578-587. [DOI](#)
- O50 **Browning, Tyson R.** and Suzanne de Treville (2023) "Editorial: Reflecting on Six Years as co-Editors-in-Chief of JOM," *Journal of Operations Management*, 69(8): 1212-1218. [DOI](#)
- O49 de Treville, Suzanne, **Tyson R. Browning**, Matthias Holweg, and Rachna Shah (2023) "Editorial: Rethinking Six Sigma: Learning from Practice in a Digital Age," *Journal of Operations Management*, 69(8): 1371-1376. [DOI](#)
- O47 de Treville, Suzanne, **Tyson R. Browning**, Julian N. Marewski, Jordi Weiss (2023) "Editorial: Toyota Production System Practices as Fast-and-Frugal Heuristics," *Journal of Operations Management*, 69(4): 522-535. [DOI](#)
- O46 de Treville, Suzanne, **Tyson R. Browning**, Rogelio Oliva (2023) "Editorial: Empirically Grounding Analytics (EGA) Research in the *Journal of Operations Management*," *Journal of Operations Management*, 69(2): 337-348. [DOI](#)
- O41 **Browning, Tyson R.** and Suzanne de Treville (2021) "Editorial: A Lean View of Lean," *Journal of Operations Management*, 67(5): 640-652. [DOI](#)
- O38 **Browning, Tyson R.** (2020) "Editorial: Operations Management Writ Large," *Journal of Operations Management*, 66(5): 494-500. [DOI](#)
- O34 **Browning, Tyson R.** and Suzanne de Treville (2018) "Editorial: New Developments at the *Journal of Operations Management*," *Journal of Operations Management*, 64(1): 1-6. [DOI](#)
- O32 Maylor, Harvey, Jack Meredith, Jonas Söderlund, and **Tyson R. Browning** (2018) "Old Theories, New Contexts: Extending Operations Management Theories to Projects," special issue introductory article in the *International Journal of Operations & Production Management*, 38(6): 1274-1288.
- O30 **Browning, Tyson R.** (2017) "Project Design and Management," Ch. 11 in Starr, Martin K. and Sushil K. Gupta, Eds., *The Routledge Companion to Production and Operations Management*, New York: Routledge, pp. 214-233.

- O29 **Browning, Tyson R.**, Steven D. Eppinger, Danilo Marcello Schmidt, and Udo Lindemann, Eds. (2015) *Modeling and Managing Complex Systems: Proceedings of the 17<sup>th</sup> International DSM Conference*, Fort Worth, TX, Nov. 4-6, Hanser.
- O26 **Browning, Tyson R.** and Ranga V. Ramasesh (2015) "Reducing Unwelcome Surprises in Project Management," *MIT Sloan Management Review*, 56(3): 53-62.
- O20 Eppinger, Steven D. and **Tyson R. Browning** (2012) *Design Structure Matrix Methods and Applications*, Cambridge, MA: MIT Press.
- Japanese edition (2014)

## I.5 Web Articles, Blogs, and Podcasts

- "OM Podcast #38: Editorial Leadership and the Future of Operations Management," [Heizer Render Munson Podcast](#), 8/25/25.
- "How Uncertainty Impacts Change Management," [PEX \(Process Excellence\) Network interview](#), 7/8/25.
- "How to Achieve Process Integration Using the Design Structure Matrix (DSM)," [PEX \(Process Excellence\) Network interview](#), 6/11/25.
- "Managing Operational Risk and Uncertainty," [Scale with Sergio](#), MarketScale podcast, 5/22/20.
- "Looking in the Right Places to Identify 'Unknown Unknowns' in Projects," Integration and Implementation Insights [blog](#), 11/5/19.
- "The Design Structure Matrix: A Tool for Managing Complexity," *Scientific American* [guest blog](#), 9/15/12.

## I.6 128 External Presentations to Mainly Academic Audiences

*These presentations are in addition to those of conference papers and journal editorial outreach presentations.*

### Location summary:

Aalto University (Helsinki, Finland)	Tongji University (Shanghai, China)
Aston University (Birmingham, UK)	Uninettuno University (Italy, virtual)
Beijing Jiaotong University (virtual)	University College London (UK)
Boston University	University of Bath (UK)
Chalmers University of Technology (Sweden)	University of Birmingham (UK)
Clemson University	University of Bristol (UK)
École Centrale Paris (France)	University of Cambridge (UK) (×5)
Florida State University	University of Houston
George Washington University	University of Lugano (Switzerland)
Hong Kong Polytechnic University	University of Maryland (virtual)
IE Business School (Madrid, Spain)	University of Melbourne (Australia)
INSEAD (Fontainebleau, France)	University of New Mexico
Iowa State University	University of New South Wales (Australia)
Lehigh University	University of North Texas
Massachusetts Institute of Technology (×8)	University of Notre Dame
National University of Singapore (×2)	University of Oklahoma
Naval Postgraduate School	University of Ottawa
Ohio State University (virtual)	University of Oxford (UK)
Penn State University	University of Rostock (Germany, virtual)
Queensland University of Technology (Brisbane, Australia) (×3)	University of São Paulo (Brazil) (×2)
Royal Institute of Technology (Stockholm, Sweden)	University of South Carolina
Shanghai University (virtual)	University of Technology Sydney (Australia)
Southern Methodist University (×2)	University of Texas at Dallas (×2)
Stevens Institute of Technology	University of Texas at El Paso
Technical University of Eindhoven (Netherlands)	University of Warwick (Coventry, UK) (×2)
Technical University of Munich (Germany) (×8)	Vienna University of Economics and Business (Austria)
Technion (Haifa, Israel) (×2)	Virginia Tech
Temple University (×2)	Xi'an Jiaotong University (China)
Texas A&M University	

## **I.7 87 External Presentations to Mainly *Practitioner* Audiences**

## **I.8 >139 Professional Meetings Attended**

## **I.9 Research Grants**

- Office of Naval Research (ONR), “Design Structure Matrix (DSM) Methods and Applications for Naval Ship Design,” \$302,230 over 3 years, 2011-2014, principal investigator
- TCU Research and Creative Activity Fund (RCAF) Grants, 2003-2004 and 2004-2005
- Summer research excellence grants totaling over \$500,000; TCU Neeley School of Business, 2003-present

## **I.10 Research Honors and Awards**

- Finalist for the **TCU Chancellor’s Award for Distinguished Achievement as a Creative Teacher and Scholar**, 2013, 2023
- **Rob Rhodes Professor of the Year**, 2021
  - “The Neeley School’s highest internal recognition for sustained, high-quality institutional accomplishments in research, teaching, and service”
- Paper P38: best paper of the year finalist, *Systems Engineering*, 2018
- Many papers among the most-cited papers in their respective journals
- C17: best paper award nominee at the ASME IDETC/CIE conference, Las Vegas, NV, Sept. 4-7, 2007
- C15: **best paper award winner** out of 132 papers at the 15<sup>th</sup> INCOSE symposium, Rochester, NY, July 11-15, 2005

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# **II. Teaching**

## **II.1 Courses Developed and Taught**

### **II.1.1 Graduate (MBA/PMBA)**

#### **Current:**

- INSC 60020 Managing Operations and Processes (1.5 units, Core): two sections each Fall, 2011-2016, 2018-2019, Spring 2020; one section each Spring, 2021-2025
- INSC 71003 Project Management (3 units, Elective): each Spring, 2017-2025
- INSC 71020 Six Sigma Green Belt for Managers (1.5 units, Elective): Winter 2009; each Summer, 2009-2011; each Spring, 2012-2025

#### **Previous:**

- INSC 70130 Managing Risk and Uncertainty (1.5 units, Elective): each Spring, 2013-2017
- INSC 60023 Manufacturing & Services Operations Management (3 units, Core): ea. Spring, 2004-2011
- INSC 70693 Master of Science in Supply Chain Management Field Study Project (3 units): Spring, 2015-2016 (course coordinator, ×3 advisor); Fall 2016, Spring 2019 (advisor)
- INSC 70970 Six Sigma Green Belt for Managers (3 units, Elective): each Summer 2018-2021
- INSC 70970 Independent Study (3 units, Elective, ×4): 2004, 2006-2008
- INSC 71000 Project Management (1.5 units, Elective): each Fall, 2004-2009; each Spring, 2012-2016
- INSC 71010 Program Management (1.5 units, Elective): each Fall, 2004-2009; each Spring, 2012-2016

## **II.2 Teaching Honors and Awards**

- Finalist for the **TCU Chancellor’s Award for Distinguished Achievement as a Creative Teacher and Scholar**, 2013, 2023
- **Rob Rhodes Professor of the Year**, 2021
  - “The Neeley School’s highest internal recognition for sustained, high-quality institutional accomplishments in research, teaching, and service”
- Neeley School’s **Graduate Teaching Award** (overall), 2020
- Neeley School’s **Graduate Teaching Award – MBA electives**, 2015
- Neeley School’s **Graduate Teaching Award – MBA core**, 2007
- Voted a “Favorite Professor” by the graduating MBA class, annually, 2013-2024
- Nominated by an MBA student for the “Wassenich Award for Mentoring in the TCU Community,” 2005

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# **III. Service**

## **III.1 Memberships in Professional Organizations**

- Academy of Management (AOM), 2018-present

- Decision Sciences Institute (DSI), 2007-2008, 2015-present
- Production and Operations Management Society (POMS), 2006-present
- European Operations Management Association (EurOMA), 2021-present
- Project Management Institute (PMI), 2017-present
- Institute for Operations Research and the Management Sciences (INFORMS), 2002-2024
- International Council on Systems Engineering (INCOSE), 1995-2024
- Association for Supply Chain Management (ASCM), 2019-2023
- American Institute of Aeronautics and Astronautics (AIAA), 1995-2000

## III.2 Service to Professional Groups

### III.2.1 Editorial Positions

- *Journal of Operations Management* (FT50, UTD24, ABS4\*, ABDC A\*)
  - Strategic Advisory Board, 2024-present
  - Special issue guest editor, 2025-present
  - **Co-Editor-in-Chief**, 2018-2023 (with residual duties in 2024)
  - Associate Editor, 2015-2017
- *International Journal of Operations and Production Management* (ABS4, ABDC A)
  - Consulting Editor, 2025-present
  - Special issue guest editor, 2016-2018
- *International Journal of Project Management*
  - Consulting Editor, 2025-present
- *IEEE Transactions on Engineering Management* (ABS 3, ABDC A)
  - Department Editor (inviting and managing review teams), 2014-2017
  - Editorial Review Board, 2010-2014
- *Systems Engineering*
  - Associate Editor (inviting and managing review teams), 2013-2018
  - Editorial Review Board, 2003-2012
- *Journal of Modern Project Management*
  - Academic Editor (primary advisor to the Editor-in-Chief), 2021-2022
  - Editorial Board, 2013-2020

### III.2.2 Boards and Advisory Groups

- *Management and Business Review* Advisory Board, 2018-present
- Advisory Committee, POMS College of Operational Excellence (OpEx), 2019-present
- Project Management Institute (PMI) Academic Member Advisory Group (AMAG), Academic Insight Team (AIT), 2018-2021
- *Complex and Enterprise Systems Engineering* book series (Taylor & Francis), Advisory Board, 2008-2012

### III.2.3 90 Journal Editorial Outreach Presentations/Panels

*Journal of Operations Management*: 89 presentations and panels

*IEEE Transactions on Engineering Management*: Int. Conf. on Engineering Management, Xi'an Jiaotong University (Xi'an, China), June 2016

## IV. International Travel to 29 Countries

Asia: China\*, Japan\*, Singapore\*, Thailand\*

Australia\*, New Zealand

Europe: Austria\*, Belgium\*, Croatia\*, Denmark\*, Finland\*, France\*, Germany\*, Ireland\*, Italy\*, Liechtenstein, Netherlands\*, Romania\*, Russia\*, Spain\*, Sweden\*, Switzerland, United Kingdom\*

Middle East: Israel\*, Jordan

North America: Canada\*, Mexico, St. Kitts & Nevis

South America: Brazil\*

\*Delivered professional/academic workshop/seminar/presentation

...and travel to all 50 United States

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## V. Industry Experience

### V.1 Full-Time Appointments

**Lockheed Martin Aeronautics Company** (Fort Worth, Texas)

*Senior Project Manager*, Integrated Company Operations, 2000-2003

*Senior Specialist*, Engineering, Advanced Process Integration, 1999-2000

**Honeywell, Inc.** (Clearwater, Florida)

*Software Development Engineer*, 1993

*Summer Intern*, 1990

### V.2 Honors and Awards

- Special Recognition Award and bonus for “leading and supporting process improvements and increasing process awareness,” Lockheed Martin, Dec. 2000

### V.3 Consulting Engagements

- ATPCO (Airline Tariff Publishing Company) (Dulles, VA), 2021 (travel sector)
- Booz Allen Hamilton (McLean, VA), 2009 (government sector)
- BNSF Railway (Fort Worth, TX), 2010-2011 (transportation sector)
- Cs Solutions (Euless, TX), 2007 (oil and gas exploration sector)
- D.H. Brown Associates (later CPD Associates; Port Chester, NY), 2003 (industry research sector)
- GenCorp AeroJet (now Northrop Grumman; El Segundo, CA), 2001 (aerospace sector)
- General Motors, Vehicle Development Research Lab (Warren, MI), 2007-2008 (automotive sector)
- Husch Blackwell LLP (Dallas, TX), 2017-2018 (legal sector, expert witness)
- Innosight/Boeing (Philadelphia, PA), 2013 (aerospace sector)
- Lhoist (Fort Worth, TX), 2014 (construction/commodities sector)
- Lockheed Martin Aeronautics Company (Fort Worth, TX), 2006 (aerospace sector)
- Lockheed Martin Corporation (Bethesda, MD), 2006, 2007 (complex systems sector)
- Oncor (Fort Worth, TX), 2020 (utilities sector)
- Project Management Institute, 2024-present (professional society)
- ReliabilityFirst (Akron, OH), 2012, 2020, 2021 (utilities sector)
- Seagate Technology (Bloomington, MN and Londonderry, Northern Ireland), 2005-2007 (data storage sector)
- Siemens Healthcare Diagnostics (Tarrytown, NY), 2017 (medical equipment sector)
- Southern California Edison (Rosemead, CA), 2007-2008 (utilities sector)
- U.S. Navy, Office of Naval Research (Washington, DC), 2008-2011 (ship design sector)
- Vitamix, 2023 (consumer products)