CURRICULUM VITAE

Graeme Warren

Johns Hopkins University
Carey Business School
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Washington DC, DC 20001

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Education

Industrial Engineering

1997 Purdue University, West Lafayette, Indiana
PhD in Industrial Engineering

1991 Purdue University, West Lafayette, Indiana
MS in Industrial Engineering

1989 University of Pretoria, Pretoria, South Africa
B.Ing in Industrial Engineering, with distinction

Arts & Letters, Business & Education

2020 Santa Clara University, Santa Clara, California
MA in Educational Leadership

2008 Florida Atlantic University, Boca Raton, Florida
MS in Finance

2011 Florida Atlantic University, Boca Raton, Florida
BA in Philosophy

Academic Appointments

2021 – Assistant Professor of Practice, Johns Hopkins University
Carey Business School, Operations Management & Business Analytics

2015 – 2021 Renewable Term Lecturer, Santa Clara University
Leavey School of Business, Department of Information Systems & Analytics

2015 Section Instructor, Carson College of Business, Washington State University, Pullman, Washington

2004 – 2015 Instructor, Florida Atlantic University
College of Business, Department of Information Technology & Operations Management and Department of Finance

2000	Visiting Assistant Professor, Purdue University School of Industrial and Systems Engineering
1996 – 2000	Senior Lecturer, University of Pretoria Department of Industrial and Systems Engineering

Teaching Interests

Machine learning, generative AI, and operations management

Research Interests

AI-era job roles, business process automation and optimization, and active learning pedagogical strategies

Awards & Grants

2026	Faculty Service and Mentorship Award, Carey Business School, 2026.
2024	Nexus Award, with Minghong Xu (principal) and Xiangyang Li, $25,000, Johns Hopkins University
2018	Secreting the Sauce, Collaborative for Teaching Innovation grant, $2500, Co-PI, Santa Clara University
2016	Collaborative Design for Teaching Newsvendor Problem Applications, Collaborative for Teaching Innovation grant, $4,500, Co-PI Santa Clara University
2015	Easy Dialogues. Hackworth Grant from Markkula Center for Applied Ethics, $3,000, Co-PI, Santa Clara University
1988	Gencor and South Africa Institute of Industrial Engineers Medal (best final year student in the Department of Systems and Industrial Engineering)
1988	South African Council of Professional Engineers Medal (best final year student in the College of Engineering, University of Pretoria)

Teaching

Courses developed/significantly remodeled: Heuristic Optimization (University of Pretoria), Applied Probability (University of Pretoria), QMB 6603 Data Analysis for Managers (Florida Atlantic University), OMIS 108E Sustainable Operations Management (Santa Clara University), OMIS 2687 Global Supply Chain Management (Santa Clara University), OMIS 3000 Business Analytics (Santa Clara University), OMIS 3200 Quantitative Methods (Santa Clara University), Operations Management (Johns Hopkins University), Big Data Machine Learning (Johns Hopkins University), Practical Machine Learning (Johns Hopkins University), Generative AI (Johns Hopkins University)

Courses at Carey Business School, Johns Hopkins University:

BU 520.710 Big Data Machine Learning (MS, required)

BU 680.620 Operations Management (MS/MBA, required)

BU 520.775 Practical Machine Learning (MS, required)

BU 330.760 Generative AI (MS/MBA, elective)

Courses at Leavey School of Business, Santa Clara University: OMIS 108 Operations Management (undergraduate), OMIS 108E Sustainable Operations Management (undergraduate), OMIS 2687 Global Supply Chain Management (MSBA, MSF, and MBA), OMIS 3000 Business Analytics (MBA), OMIS 3200 Quantitative Methods (MBA), OMIS 3202 Analytical Decision Making (MBA), OMIS 3252 Operations Management (MBA), Business Analytics Practicum (MSBA)

Courses at Carson College of Business, Washington State University: BA 514 Business Analytics: Transforming Data into Decisions (MBA)

Courses at College of Business, Florida Atlantic University: QMB 3600 Quantitative Methods (undergraduate), MAN 3506 Operations Management (undergraduate), MAN 6501 Operations Management (MBA), MAN 4583 Project Management (undergraduate), FIN 4422 Cases in Financial Management (undergraduate), FIN 4424 Advanced Managerial Finance (undergraduate), QMB 6603 Data Analysis for Managers (MBA), Executive Education course on advanced Microsoft Excel

Courses at School of Industrial and Systems Engineering, Purdue University: IE230 Probability and Statistics in Engineering I (undergraduate)

Courses at Department of Industrial and Systems Engineering, University of Pretoria: Heuristic Optimization (undergraduate), Discrete Optimization (undergraduate), Reliability Theory (undergraduate), Engineering Economics (undergraduate), Applied Probability (graduate), Executive Education course on Teletraffic Engineering

Publications

Peer-Reviewed Publications

Warren, G. (2001). Production Mix Problems: Formulation and Solution Strategies. *South African Journal of Industrial Engineering*, 12(2). **DOI:** https://doi.org/10.7166/12-2-351**.**

Practice-Focused Publications, Book Chapters, and Books

Warren, G. (2024). Business Process Analysis, Johns Hopkins University course textbook.

Warren, G. (2022). The Practice of Equality. *Explore,* Ignatian Center, Santa Clara University, 22, 32-35.

Warren, G. (2021). Quantitative Method: An introduction to probability, descriptive statistics, inference and regression. Leavey Business School, Santa Clara University. DOI: 10.13140/RG.2.2.14812.31367.

Warren, G. (1998). Heuristic Optimization. School of Industrial & Systems Engineering, University of Pretoria.

Moodie, C. L., Drolet, J., Ho, Y. C. & Warren, G. M. H. (1994), Cell design strategies for efficient material handling, In: Material Flow Systems in Manufacturing (Chapter 3), Ed. J.M.A. Tanchoco, 76–101, New York, NY: Chapman & Hall.

Presentations, Invited Talks, and Panels

Warren, G. & Venkatadri, U. (2026, July 12-17). *Modeling Littlefield Technologies: Simulation Insights and Cognitive Biases in Operations Management Education*. The 24th Conference of the International Federation of Operational Research Societies, Vienna, Austria.

Warren, G. (2026, February 5). *Appropriate Use. CDHAI and T&L AI Show and Tell Session IV, JHU.*

Cazier, J., Chinnam, R., Hu, G. & Warren, G. (Panel Chair). (2025, October 26-29). *Learning Outcomes, Creativity, and Generative AI*. 2025 INFORMS Annual Meeting, Atlanta.

Warren, G. (Panelist) (2025, October, 25). *Learning and Teaching with Games*. INFORMS 2025 CTL-TEN Workshop, Atlanta.

Warren, G. (Panelist) (2025, October, 25). *Pedagogical Design and Innovations for O.R. and Supply Chain Education*. INFORMS 2025 CTL-TEN Workshop, Atlanta.

Warren, G. (2025, October 9). *Co-Creation with GAI. Exploring Generative AI Partnerships*. CRAIG, Carey Business School, JHU.

Warren, G. (2025, September 11). *The Autograder Project*. Teaching Innovation Showcase, Carey Business School, JHU.

Domenge, J., Pandey, R., Simmons III, M., Warren, G. (Presenter) & Xu, M. (2025, July 20-23). *From Code to Confidence: How Students Built a Multi-Agent AI to Navigate Job Interviews*. 2025 INFORMS International Meeting, Singapore.

Warren, G. (December 10, 2024). *GenAI tools in an MBA operations management course*. Excellence in Online Teaching Symposium, Johns Hopkins University.

Leskovskaya, A., Maclean, L., Sanchez, D., Veatch, M., & Warren, G. (October 21, 2024). *Teaching data analytics with low-code tools*. Panelist at the 2024 INFORMS Annual Meeting, Seattle.

Cazier, J., Iyer, L., Pofahl, G., & Warren, G. (October 20, 2024). *Reimagining assessments, unleashing creativity, and grading with GenAI*. Panel Chair at the 2024 INFORMS Annual Meeting, Seattle.

Warren, G. (May 1, 2024). *Hackathon with GenAI*. Teaching Innovation Showcase with Teaching & Learning, Carey Business School.

Warren, G. (October 14, 2023). Engagement. Early Career Teachers' Network, INFORMS, Phoenix.

Desnoyers, N., Jaramillo, J., Miori, V., Monsalvo, J., Mukhambetzhanov, A. & Warren, G. (October 26, 2022). Virtual Round Table: Bringing Industry Practice to the Classroom – Discussion of High-Demand AI Skills, INFORMS Committee on Teaching and Learning.

Warren, G. (October 15, 2022). *Engagement*. Early Career Teachers' Network, INFORMS, Indianapolis.

Warren, G. (2020). *Technology-Assisted Review (TAR)/Predictive Coding*. Invited speaker, Santa Clara University Law School.

Warren, G. (2019). *Technology-Assisted Review (TAR)/Predictive Coding*. Invited speaker, Santa Clara University Law School.

Warren, G. (2018). *Technology-Assisted Review (TAR)/Predictive Coding*. Invited speaker, Santa Clara University Law School.

Holzmeister A., Warren G. and Yee, A. (2017). *Are They Getting It?* Teaching Café. Santa Clara University.

Warren, G. (2016). Faculty Forum on Online Teaching. Santa Clara University.

Warren, G. (2016). LSB eLearning Sampler. Invited speaker. Leavey School of Business, Santa Clara University.

Warren, G. (2014). *Experiences with Rancière and Biesta in Operations Management*. Paper presented at *Teaching with Technology Showcase*, Florida Atlantic University.

Warren, G., Dye, K. & Battistella, D. (2011). *Collaborative Design and Performance Evaluation of Dynamic Production Systems.* Paper presented at *Third Annual Teaching with Technology Showcase*, Florida Atlantic University.

Warren, G. (1998). *Analysis of Networks of Polling Systems*. *INFORMS Tel Aviv*.

Warren, G. (1998). *Analysis of Networks of Polling Systems*. Invited talk, Universitat Pompeu Fabra, Barcelona, Spain.

Warren, G. (1998). *Fluid Approximations for Networks of Polling Systems.* INFORMS/CORS Montreal.

Service

2026	Ideation, recruiting, organization, and participant mentoring of two IFORMS webinars: • Bala, R., Camm, J. (moderator), Trochim, E. & Zhang, X. (2025, September 24). *Future-Proofing Research & Teaching with Generative AI*, INFORMS CTL Panel. • McClean, K., Varma, R., Xu, M. (moderator) & Yang, Y. (2025, November 19). *Reimagining Learning Outcomes, Assessment, and Engagement in GAI-Infused Courses*, INFORMS CTL Panel.
2026	AI Task Force, Carey Business School, Johns Hopkins University (school level)

2023 – 2026	Member, Committee for Teaching and Learning, Early Career Teachers' Network, INFORMS (professional service)
2025 – 2026	Committee Member, Council for Equity and Belonging, Carey Business School, , Johns Hopkins University (school level).
2024– 2025	Committee Member, Faculty and Staff Committee for Diversity and Inclusion (CDI), Carey Business School, Johns Hopkins University (school level)
2024 – 2026	Course lead, Practical Machine Learning, Carey Business School, Johns Hopkins University (department level)
2023 – 2024	Chair, INFORMS Committee (professional service) exploring development of teaching credentials.
2023 – 2024	Co-Chair, Faculty and Staff Committee for Diversity and Inclusion (CDI), Carey Business School, Johns Hopkins University (school level)
2022 – 2026	Course lead, online Operations Management course, Carey Business School, Johns Hopkins University (department level)
2022 – 2023	Committee Member, Faculty and Staff Committee for Diversity and Inclusion (CDI), Carey Business School, Johns Hopkins University (school level)
2022 – 2023	Practice Track Hiring Committee, Operations Management & Business Analytics, Carey Business School, Johns Hopkins University (department level)
2020 – 2021	Provost's Adjunct Faculty & Lecturers Council, Santa Clara University (university level)
2020	Coordinator, Faculty Teaching Circle on Online Learning (university level)
2018 – 2021	Lecturers Best Practices Task Force, Santa Clara University (university level)
2018 – 2021	Hiring Committees in Department of Information Systems & Analytics, and Academic Technology, Santa Clara University (department level)
2019 – 2021	Course coordinator for courses in supply chain management, Santa Clara University (course level)
2018 – 2019	Faculty Director, MS Program in Supply Chain Management Analytics, Santa Clara University (school level)
2015 – 2017	Co-Founder, Easy Dialogue public dialogue series, Santa Clara University
2013 – 2015	Course coordinator: Cases in Financial Management, Department of Finance, Florida Atlantic University (course level)

Certifications

2026	Faculty Forward Fellow, Whiting School of Engineering, Johns Hopkins University
2026	JEDI in the Classroom (Fostering Inclusive Learning Environments that Support Mental Health, Belonging, and Equity), Johns Hopkins University
2026	Designing for Learning with Generative AI, SAIS, Johns Hopkins University
2020	Effective Online Teaching credential, The Association of College and University Educators (ACUE)
2016	Course Redesign Seminar, Santa Clara University
2014	Chartered Financial Analyst (CFA), charter no. 160819, CFA Institute
2014 – 2018	Quality Matters certification of MAN 3506 course, qualitymatters.org
2011	Certified eLearning Designer-Facilitator, Center for eLearning, Florida Atlantic University
2002	Certified Financial Risk Manager (FRM), Global Association of Risk Professionals

Selected Professional Practice

2026	Reader, M.Eng Thesis, Dalhousie University
2019 – 2021	MSBA Practicum supervisor, Santa Clara University. Clients included Marvel Technology, Lam Research, and the Paper Prisons Project of the Santa Clara University Law School
2013 – 2014	Founder, Onthology LLC, Delray Beach, Florida (text mining and topic analysis research)
2010 – 2013	Florida Atlantic University Business Plan Competition mentor. Advisees included founders and co-founders of HonorLock, ShipMonk and EvoLux
2004 – 2005	Co-Founder, RehabStars LLC, Deerfield Beach, Florida (rehab staffing agency)
2003	Founder, Forexpedia LLC. Deerfield Beach, Florida (managed futures)
1999	Consultant, Fischer Management Consultants, Pretoria, South Africa
1990 – 1993	Technical Assistant, Technical Assistance Program, Purdue University
1989	Consultant, Xcel Management Consultants, Pretoria, South Africa