

CURRICULUM VITAE

Graeme Warren

Johns Hopkins University
Carey Business School
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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.Eng 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

Machine learning, AI, business process automation and optimization, active learning pedagogical strategies, and Rancière's axiom of equality

Awards & Grants

- 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)

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)

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. DOI: [10.13140/RG.2.2.14812.31367](https://doi.org/10.13140/RG.2.2.14812.31367).

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. (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

2023 – 2024 Co-Chair, Faculty and Staff Committee for Diversity and Inclusion (CDI), Carey Business School, Johns Hopkins University (school level)

2023 – 2024 Member, Committee for Teaching and Learning, Early Career Teachers' Network, INFORMS (professional service)

2022 – 2024 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

- 2014 Chartered Financial Analyst (CFA), charter no. 160819, CFA Institute
- 2002 Certified Financial Risk Manager (FRM), Global Association of Risk Professionals
- 2020 Effective Online Teaching credential, The Association of College and University Educators (ACUE)
- 2016 Course Redesign Seminar, Santa Clara University
- 2014 – 2018 Quality Matters certification of MAN 3506 course, qualitymatters.org
- 2011 Certified eLearning Designer-Facilitator, Center for eLearning, Florida Atlantic University

Selected Professional Practice

- 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