**George Onofrei, PhD**

Senior Lecturer/Associate Professor

Operations and Supply Chain Management

Atlantic Technological University

Donegal Campus

Port Road, Letterkenny, Co Donegal, F92 FC93, Ireland

ResearchGate: <https://www.researchgate.net/profile/George_Onofrei>

Google Scholar: <https://scholar.google.com/citations?user=O6E7UtUAAAAJ&hl=en&authuser=1>

ORCID: <https://orcid.org/0000-0003-3508-370X>

Head of **O**perations and **S**upply **C**h**A**in **R**esearch (OSCAR) Centre: <http://www.oscarcentre.ie>

Executive Board Member of the West/North West Lean Network: <https://www.leanbusinessireland.ie>

Member of the Cambridge Scholars Publishing Editorial Advisory Board: <https://www.cambridgescholars.com>

**EDUCATION**

**Diploma in Environmental, Social and Governance (2024),** Corporate Governance Institute, Ireland

**Supply Chain Management (2020),** University of Cambridge, Institute for Sustainability Leadership, UK

**Ph.D. in Operations and Supply Chain Management (2013),** University College Dublin, Michael Smurfit Business School

**Post-Graduate Diploma in Research Practice (2008)**, Letterkenny Institute of Technology

**Post-Graduate Certificate in Higher Education Practice (2008)**, University of Ulster

**Master by Research in Operations Management (2007)**, Letterkenny Institute of Technology

**Certificate in Training and Continuing Education (2007)**, National University of Ireland

**Bachelor of Business Studies Degree (2004)**, Letterkenny Institute of Technology

**Professional Accreditations**

**Spanning Boundaries between Academia and Industry Training Programme (2021),** University Industry Innovation Network

**Diversity, Equity and Inclusion in the Workplace Certificate (2021),** Muma College of Business, University of South Florida, US

**Six Sigma Methodology and Tools (Green Belt) (2012)**, Centre for Competitiveness, Belfast

**Visiting/Adjunct Professor**

* Ulster University, Belfast, UK (since 2017)
* Executive School of Economics and Management (ESEM) Belgrade, Serbia (since 2022)
* University College Dublin, Dublin Ireland (since 2017)

**MEMBER OF PROFESIONNAL ASSOCIATIONS**

POMS – Member of Production and Operations Management Association – since 2009

GMRG – Ex-Vice President and Member of Global Manufacturing Research Group – since 2009

EurOMA – Member of European Operations Management Association – since 2009

MIOM – Board Member of Institute of Operations Management – since 2007

EPIEM – Board Member of European Professors of Industrial Engineering and Management - since 2020

NSAI – Executive Member of National Standards Authority Ireland – since 2016

**RESEARCH**

**Research Awards**

**Irish Research Council Ally Award** (2021) - national award category celebrating the role of mentors, supervisors, research officers and support staff in supporting and sustaining the Irish research community.

**Lean Business Ireland Awards** (2019) – Research Award for the Best Contribution to Lean/Operational Excellence Body of Work, Ireland

**Harry Boer Best Paper Award** (2013) - Best paper presented at the European Operations Management Association conference. The award was supported by the Emerald Literati Network and the International Journal of Operations & Production Management. All papers (over 90 nominations) were judged on their contribution towards the advancement of theory and practice of Operations Management

**Undergraduate Awards Ireland** (2011) - Highly Commended Paper, John Gallagher, and George Onofrei.

**Books/chapters:**

Nguyen, H., Onofrei, G., Akbari, M., Yang, Y., & Wiengarten, F. (2023), “**Green Certification Pressures and Sustainability Performance: From Environmental Symbolic Drivers to Process Innovation**”, In Business Innovation for the Post-pandemic Era in Vietnam (pp. 157-167). Singapore: Springer Nature Singapore.

Reith A., Brajkovic J., Blanco E., Brown M., Calas D. and Onofrei G. (2021), “**Scale Jumping: Human - Built Environment**”, Chapter in Scale Jumping: Regenerative Systems Thinking within the Built Environment, EURAC Research, ISBN: 978-3-9504607-8-0

Wiengarten F., Onofrei G., Humphreys P. and Fynes B. (2018), “**A Supply Chain View on Certification Standards: Does Supply Chain Certification Improve Performance Outcomes?**” Chapter in ISO 9001, ISO 14001, and New Management Standards, Springer International Publishing AG

Prester J., Onofrei G., Palcic I. and Baskaric I.R. (2017), “**Trends in Croatian Manufacturing: What about Servitisation?**” University Publishing, 1st Edition ISBN: 978-953-346-042-0

Onofrei G., Ambrose E., Wiengarten F. and Fynes B. (2016), “**The interplay between environmental and quality/lean practices in supply chains**”; Chapter in “Joining Complexity Science and Social Simulation for Innovation Policy: Agent-based modelling using the SKIN platform”, Cambridge Press

Remenyi D., Onofrei G. and English J. (2013), “**An Introduction to Statistics using Microsoft Excel**”, Academic Publishing Limited, Second Edition

**Refereed Journal Publications:**

Yang, Y., Yang, B., Onofrei, G., Nguyen, H. and Hlaciuc, E. (2024), "**The role of employees in continuous improvement: a study on employee participation**", European Journal of Training and Development, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/EJTD-10-2023-0167>

Nguyen, H., Onofrei, G., Yang, Y., Nguyen, K., Akbari, M. and Pham, H. (2024), "**Green certification practices and process innovation alignment: diminishing point and catching up in nation's economic development**", Business Process Management Journal, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/BPMJ-03-2023-0160>

McDaid, C., Azadnia, A.H., Onofrei, G. and Tirkolaee, E.B., (2023) “**Industry readiness measurement for circular supply chain implementation: an Irish dairy industry perspective**”. Annals of Operations Research, pp.1-46. <https://doi.org/10.1007/s10479-023-05602-0>

Onofrei, G., Nguyen, H., Yang, Y., and Filieri, R. (2023). “**Entrepreneurial Orientation and the Triple Bottom Line: Does Supply Chain Learning Matter**?”, IEEE Transactions on Engineering Management, In press, <https://doi.org/10.1109/TEM.2023.3295061>

Yang, Y., Barnes, H., Yang, B., Onofrei, G., & Nguyen, H. (2023). “**Food waste management for the UK grocery retail sector—a supply chain collaboration perspective”**. Production Planning & Control, 1-14, <https://doi.org/10.1080/09537287.2023.2226622>

Yang, Y., Kobbacy, Y., Onofrei, G., Nguyen, H. (2023), “**Managing major supply chain disruptions: Suggested strategies for SMEs**”, Strategic Direction, Vol. 39 No. 1, pp. 7-10. <https://doi.org/10.1108/SD-11-2022-0146>

Nguyen, H., Onofrei, G., Wiengarten, F., Yang, Y., McClelland, R., Akbari, M. (2023), “**The dual environmental customer and green reputation pressures on environmental management systems: the performance implications of manufacturing exports**”, Supply Chain Management: an International Journal, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/SCM-10-2021-0488>

Wiengarten F., Onofrei G., Fynes B. and Humphreys P. (2022), “**Exploring the quality performance implications of temporary workers: the importance of process capabilities**”, International Journal of Production Research, pp.1-36, <https://doi.org/10.1080/00207543.2021.1964705>

Nguyen, H., Onofrei, G., Yang, Y., Pham, H., Wiengarten, F., & Nkhoma, M. (2022). “**Handling customer green pressures: The mediating role of process innovation among export-oriented manufacturing industries**”, Business Strategy and the Environment, 1– 15, <https://doi.org/10.1002/bse.3250>

Yang, Y., Kobbacy, Y., Onofrei, G. and Nguyen, H. (2022), "**Entrepreneurial strategies for coping with supply chain disruptions in the grocery-retail sector**", Journal of Small Business and Enterprise Development, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/JSBED-04-2022-0201>

Cadden, T., McIvor, R., Cao, G., Treacy, R., Yang, Y., Gupta, M. and Onofrei, G. (2022), "**Unlocking supply chain agility and supply chain performance through the development of intangible supply chain analytical capabilities**", International Journal of Operations & Production Management, Vol. 42 No. 9, pp. 1329-1355. <https://doi.org/10.1108/IJOPM-06-2021-0383>

Winston L., McCann M., Onofrei G. (2022), “**Exploring Socioeconomic Status as a Global Determinant of COVID-19 Prevalence, Using Exploratory Data Analytic and Supervised Machine Learning Techniques: Algorithm Development and Validation Study**”, JMIR Formative Research, Vol. 6, Issue 9, <https://formative.jmir.org/2022/9/e35114>

Azadnia A.H., Stephens S., P. Ghadimi and Onofrei G. (2022), “**A Comprehensive Performance Measurement Framework for Business Incubation Centers: Empirical Evidence in Irish Context**”, Business Strategy and the Environment, 31(5), 2437–2455. <https://doi.org/10.1002/bse.3036>

Onofrei G., Fillieri R. and Kennedy L. (2022), “**Social media interactions, purchase intention, and behavioural engagement on social networking platforms: The mediating role of source and content factors**”, Journal of Business Research, Vol. 142, pp. 100-112, <https://doi.org/10.1016/j.jbusres.2021.12.031>

Onofrei, G., Fynes, B., Nguyen, H. and Azadnia, A. (2022), "**Quality and lean practices synergies: A swift even flow perspective**", International Journal of Quality & Reliability Management, Vol.38, No.1, pp. 98-115, <https://doi.org/10.1108/IJQRM-11-2019-0360>

Azadnia A.H., Mohsen G., Onofrei, G. and Ghadimi, P. (2021), “**A Weighted Fuzzy Approach for Green Marketing Risk Assessment: Empirical Evidence from Dairy Industry**”, Journal of Cleaner Production, Journal of Cleaner Production, Vol.327, 129434, <https://doi.org/10.1016/j.jclepro.2021.129434>

dePriall O., Gogulancea V., Brandoni C., Hewitt N., Johnston C., Onofrei G. and Ye H. (2021), “ **Modelling and experimental investigation of small-scale gasification CHP units for enhancing the use of local biowaste**”, Waste Management Journal, Vol.136, pp.174-183, <https://doi.org/10.1016/j.wasman.2021.10.012>

Wever, M.; Wognum, N.; Shah, M.; O’Leary, N.; Onofrei, G. (2021), “**Towards a Transdisciplinary Approach to Systemic Risk Detection**”, Advances in Transdisciplinary Engineering, Vol. 16, pp. 3–12, <https://doi.org/10.3233/ATDE210076>

Azadnia A.H., Onofrei G. and Ghadimi, P. (2021), “**Electric Vehicles Lithium-ion Batteries Reverse Logistics Implementation Barriers Analysis: An ISM-MICMAC approach**”, Resources Conservation and Recycling Journal, Vol. 174, <https://doi.org/10.1016/j.resconrec.2021.105751>

Bonner A., Onofrei G., Humpreys P., Margey M. and Cadden T. (2021), “**Entrepreneurial versus Cooperative Social Capital: which one is better for operational performance?**”, Business Strategy and the Environment, Vol.30, Iss.8, pp.3854-3865, <https://doi.org/10.1002/bse.2844>

Nguyen, H., Onofrei, G., Akbari, R. and McClelland R. (2021), “**Enhancing quality and innovation performance: the role of supplier communication and knowledge development**”, Total Quality Management & Business Excellence, Vol.1, pp.1-25, <https://doi.org/10.1080/14783363.2020.1858711>

Nguyen, H., Onofrei, G., Harrison, N. and Truong, D. (2020), “**The influence of cultural compatibility and product complexity on manufacturing flexibility and financial performance**”. Operations Management Research, Vol. 13, pp. 171-184, <https://doi.org/10.1007/s12063-020-00163-y>

Nguyen, H., Onofrei, G. and Truong, D. (2020), “**Supply chain communication and cultural compatibility: performance implications in the global manufacturing industry**”, Business Process Management Journal, Vol. 27, No. 1, pp. 253-274, <https://doi.org/10.1108/BPMJ-08-2019-0314>

Onofrei, G., Nguyen, H., Zhang M. and Fynes, B. (2020), “**Building supply chain relational capital: The impact of supplier and customer leveraging on innovation performance**”, Business Strategy and the Environment, Vol.29, Issue 8, pp.3422-3434, <https://doi.org/10.1002/bse.2586>

Cadden T., Cao G., Yang Y., McKittrick A., McIvor R. and Onofrei G. (2020), “**The effect of buyers’ socialization efforts on the culture of their key strategic supplier and its impact on supplier operational performance**”, Production Planning and Control, Vol.1, pp.1-18, <http://doi.org/10.1080/09537287.2020.1785574>

Onofrei, G. and Ferry P. (2020), “**Reusable Learning Objects: A Blended Learning Tool in Teaching Computer Aided Design to Engineering Undergraduates**”, International Journal of Educational Management, Vol. 34, No.10, pp. 1559-1575, <https://doi.org/10.1108/IJEM-12-2019-0418>

Nguyen H., Onofrei G., Truong D. And Lockrey S. (2020), “**Customer green orientation and process innovation alignment: A configuration approach in the global manufacturing industry**”, Business Strategy and the Environment, Vol.29, Issue 6, pp. 2498-2513, <https://doi.org/10.1002/bse.2516>

Onofrei G, Prester J., Fynes B., Humphreys P. and Wiengarten F. (2019), “**The relationship between investments in lean practices and operational performance: exploring the moderating effects of operational intellectual capital**”, International Journal of Operations and Production Management, Vol. 39 No. 3, pp. 406-428. <https://doi.org/10.1108/IJOPM-04-2018-0201>

Onofrei G. and Fynes B. (2018), “**Quality Practices as a Mediator of the Relationship between Lean Practices and Production Fitness**”, International Journal of Lean Six Sigma, Vol. 10, Iss.1, <https://doi.org/10.1108/IJLSS-09-2017-0107>

Wiengarten F., Humphreys P., Onofrei G. and Fynes B. (2016), “**The adoption of multiple certification standards: Perceived performance implications of quality, environmental and health & safety certifications**”, Production Planning and Control, Vol.28, Iss.2, pp.131-141, <https://doi.org/10.1080/09537287.2016.1239847>

Onofrei G. and Stephens S. (2014), “**Simulation games in operations management: The importance of immediate post game analysis**”, Global Management Journal, Vol. 6, No. 1/2, pp. 60-67

Wiengarten F., Fynes B. and Onofrei G. (2012), “**Exploring synergetic effects between investments in environmental and quality / lean practices in supply chain**”, Supply Chain Management: An International Journal, Vol. 18, Iss. 2, pp. 148-160, <https://doi.org/10.1108/13598541311318791>

Stephens, S., and Onofrei, G. (2012), “**Measuring business incubation outcomes: An Irish case study**”, The International Journal of Entrepreneurship and Innovation, Vol. 13, No. 4, pp. 277-285, <https://doi.org/10.5367%2Fijei.2012.0094>

Stephens, S. and Onofrei, G. (2009), “**Networking industry and academia: evidence from FUSION projects in Ireland**”, Journal of Industry and Higher Education, Vol. 22, No.6, pp. 1-7, <https://doi.org/10.5367%2F000000009790156427>

Onofrei G., Tracey P. and McAdam, R. (2007), “**Implications of linking manufacturing planning and control systems to business environment within the Irish Engineering Sector**”, Irish Business Journal, Volume 3, Number 1, pp.74-80

Onofrei G. and Nedelea A. (2007), “**The Impact of E-commerce on the Supply Chain B2B in Ireland**”, Amfiteatru Economic Journal, no.21, pp.45-50

**Conference Proceedings and Presentations:**

Bonner A, Humphreys P, Ramsey E, Onofrei G, and Wiengarten F (2024), “**The impact of precarious employment on flexibility and cost performance in hospitality operations: The moderating role of control**”, EurOMA Annual Conference, Barcelona, Spain

Yober A, Onofrei, G, Roulston C, Heaslip G (2024), “**Big data analytics: reshaping operations planning and control for enhancing operational performance in manufacturing**”, EurOMA Annual Conference, Barcelona, Spain

de Priall O, Brandoni C, Hewitt N., Johnston C., Onofrei G. and Huang Y. (2022), “**Blended feedstock for improving downdraft gasification: A Circular Economy Example**”, Environ 2022 - 32nd Irish Environmental Researchers Colloquium, Belfast

Cadden, T., Guangming C., Treacy, R., Yang, Y. and Onofrei, G. (2021), “**A Dynamic Capability Lens to Investigate Big Data Analytics and Supply Chain Agility: Antecedents and Outcomes**”, 20th IFIP Conference e-Business, e-Services, and e-Society I3E2021 Conference, Galway, Ireland, Hosted on-line

Wever, M., Munir, S., Wognum, N., O’Leary, N. and Onofrei. G. (2021), “**Towards a transdisciplinary approach to systemic risk detection**”, 28th ISTE International Conference on Transdisciplinary Engineering (TE2021), Transdisciplinary Engineering for Resilience: Responding to system disruptions, Bath, UK, Hosted on-line

Wiengarten, F., Fynes, B., and Onofrei, G. (2020), “**Exploring the quality performance implications of temporary workers: The importance of process capabilities**”, 51st Annual Conference of the Decision Sciences Institute, U.S., Hosted on-line

Nguyen, H. and Onofrei, G. (2020), “**Does human capital lead to performance improvement? The role of supplier knowledge development, Innovation Management**”, Entrepreneurship and Sustainability Conference, Czech Republic, Hosted on-line

Azadnia, A., Onofrei, G. and Ghadimi, P. (2020), “**An Integrated Approach of Fuzzy Analytic Hierarchy Process and Fuzzy Inference System for Sustainable Supply Chain Risk Assessment**”, CUA Research Symposium, Ireland

Onofrei, G., Nguyen, H. and Zhang M. (2020), “**Supplier/customer leveraging and innovation performance: the mediating role of supply chain relational capital**”, CUA Research Symposium, Ireland

Nguyen, H., Harrison N., Truong D. and Onofrei, G. (2019), “**Enhancing manufacturing flexibility for financial performance: the mediating role of cultural compatibility**”, 9th International Conference on Operations and Supply Chain Management, 15-18 December, 2019, RMIT University, Vietnam

Allen, A., Diffley, S. and Onofrei, G. (2017) “**Conceptualising internal loss at the modern retail store**”, Irish Academy of Management Conference, Queen’s University Belfast, 30 August - 1 September. Belfast.

Onofrei G. and Prester J. (2017), “**The impact of operational intellectual capital on lean practices**”, 24th EurOMA Annual Conference, Edinburgh, Scotland

Hargaden V. and Onofrei G. (2016), “**Active Learning in Operations Management Courses – The Role of Web Based Simulation Games**”, 5th World Conference on P&OM, Havana, Cuba

Onofrei, G., Fynes B. and Hargaden V., (2015), “**Investments in lean practices and production fitness: investigating the mediating effect**”, 22nd EurOMA Annual Conference, Switzerland

Onofrei, G. and Fynes, B., (2013), “**Empirical relationship between infrastructure practices, lean practices and factory fitness: the swift even flow perspective**”, 20th EurOMA Annual Conference, Ireland

McGuigan, S., Onofrei, G. and Hargaden V. (2011), “**Accreditation as a Quality Improvement Tool in Irish Hospital Laboratories**”, 18th International Annual EurOMA Conference, UK, Cambridge

Stephens, S. and Onofrei, G. (2010), “**Business incubation measurement: evidence from Ireland**”, Proceedings of the 39th RSAI-BIS Conference, Scotland

Pagell M., Wiengarten F., Fynes B. and Onofrei G. (2010), “**Reducing Supply Chain Impacts: The Role of Country and GDP in the Level and Efficacy of Investments in Sustainable Supply Chain Management Practices**”, 17th International Annual EurOMA Conference, Portugal

Onofrei, G. and Fynes, B. (2010), “**A Path Analytic Model of Swift Even, Flow and Operational Performance**”, Doctoral Consortium EurOMA, Portugal

Szeles, M.R. and Onofrei, G. (2009), “**Item Response Theory: An innovative approach in modelling bankruptcy decision making**”, LYIT Annual Research Day, Ireland

Onofrei, G. and Stephens, S. (2008), “**Case Study Research: A five stage model**”, International Conference on Business Excellence, Conference Proceedings, Romania

Onofrei, G., Kearns, J. and Stephens, S. (2008), “**Ireland and the European Union: Lessons for Romania**”, International Conference Present and Future Challenges of the Common EU Policies, Jean Monnet Chair Action, Romania, pp. 265-271

Onofrei G., Tracey P. and McAdam, R. (2007), “**An investigation into manufacturing planning and control systems within the Irish Engineering Sector**”, IAM 10th Annual Conference & Doctoral Colloquium, Irish Academy of Management, Belfast

**Research Funding**

**Engineering education for a sustainable future** (2024 – 2026), €400,000; Erasmus+ Funding KA220-HED-CE8B6DC9, ATU Lead and Project Lead

**Operations and Supply Chain Research (OSCAR) Postgraduate Research Training Programme** (2022-2026)– €1.3 million funding received under the Technological University Transformation Fund (TUTF) to develop a doctoral programme for 15 PhDs; role: principal investigator

Centre for Advanced Marine and Bio-Energy Research (CAMBER) (2017-2020), **“Build research capacity in low carbon technologies in border, midlands and western region of Ireland, Northern Ireland and western region of Scotland**”, funding secured €9,6 million. Role: sustainable supply chain management for low carbon technologies.

**Rethinking Sustainability towards a Regenerative Economy** (RESTORE) Action (2016-2020), Member of the Management Committee for Ireland

Onofrei, G. and Donnell & Ellis Engineering Ltd. (2017-2018), “**Development and Implementation of an ERP system**”, FUSION Project funded by Inter Trade Ireland (project value €41k)

Member of **Sustainable Energy Applied Research Centre (SEARC)** group, which recently secured **€345,875** funding, under the Horizon 2020 scheme (Low carbon energy call) to research areas such reliability, maintainability and preventative maintenance cycles for hydrokinetic systems.

Onofrei, G. (2010) “**Development of interactive aids for teaching engineering management techniques**”, funded by National Digital Learning Resource (NDLR) (Project value € 6k)

Onofrei, G. and CARMAC Waste Handling Systems Ltd. (2008-2009), “**Implementation of Manufacturing Production Planning and Control System”**, FUSION Project funded by Inter Trade Ireland (project value £46k).

**ADDITIONAL INFORMATION**

**Doctoral Research Supervision - Completed**

Bonner, A. (2024), “**The impact of precarious practices on operational performance: a knowledge-based view”,** Ulster University, PhD

Millar, K. (2024), "**An investigation into the relationship between organisational culture, lean business practices and performance**", Ulster University, PhD

Oisin de Priall (2022), "**Performance Study and Validation of the Downdraft Biomass Gasification Process for CHP Plants**", Ulster University, PhD

**Master by Research Supervision - Completed**

Arteaga, Y. (2024), “**The impact of business data analytics on operational performance**”, ATU, Master by Research

O'Dalaigh, A. (2023), “**Building supply chain resilience through lean practices**”, LYIT, Master by Research

McCready, J. (2023), “**Examining signal authenticity and adult attachment as potential antecedents to slow fashion purchasing**”, ATU Galway, Master by Research

McDaid, C. (2022), “**Industry readiness measurement for implementing closed-loop supply chain: an Irish dairy industry perspective**”, LYIT, Master by Research

Bonner, A. (2020), “**Social Capital configurations and their effect on Operational Performance**”, LYIT, Master by Research

Kennedy, L. (2020), “**WOM and Customer Relationship Management**”, LYIT, Master by Research

Allen, A. (2019), “**Conceptualising internal loss in the Irish retail sector”**, LYIT, Masters by Research

McLaughlin K. (2017), “**The Integration of Digital Technologies in Destination Branding through Stakeholder Co-Creation: An Irish Perspective**”, LYIT, Masters by Research

**MSc Supervision Completed**

Loughrey, J. (2018), “**Student Centred Learning practices and their impact on students**”, LYIT, Masters of Arts in Learning and Teaching

Martin, A. (2018), “**An investigation of the impact of eWOM on Irish consumers trust in hotels and their booking intentions**”, LYIT, MSc in Marketing Dissertation

McGonigle, G. (2018), “**Examining the influence of eWOM in the Irish restaurant sector**”, LYIT, MSc in Marketing Dissertation

Elner, M. (2018), “**Social media technology usage, social CRM capabilities and customer relationship performance**”, DCU, MSc Dissertation

Ferry, P. (2016), “**An investigation of the effectiveness of Reusable Learning Objects as a blended learning tool in an undergraduate engineering design module**”, LYIT, Masters of Arts in Learning and Teaching

Moore, A. (2016), “**Implementation of Energy Efficiency Technology in an Industrial Setting: A Holistic Assessment Approach**”, DCU, MSc Dissertation

Fairbrother G. (2016), “**The effect of organisational change on business performance within two healthcare organisations**”, DCU, MSc Dissertation

Gallagher, J.E. (2015), “**Exploring Retail Service Quality as a Means of Differentiating from the Competition**”, LYIT, MSc in Marketing Dissertation

Mugnier, P. (2015), “**The role of project management virtual teams in Irish based firms**”, DCU, MSc in Project Management

O’Neill, S. (2015), “**An investigation on how change in a contact centre can affect both employee engagement and business performance**”, DCU, MSc Management of Operations

Brady, O. (2011), “**The effect of customer interaction on service quality perceptions: an investigation within the Irish IT support industry**”, UCD Michael Smurfit School of Business, Master in Management Dissertation

Murray, P. (2011), “**Understanding the management of New Product Development Process**”, UCD Michael Smurfit School of Business, Master in Management Dissertation

McGuigan, S. (2010) “**Do non-compliances facilitate quality improvement in a laboratory?**” UCD Michael Smurfit School of Business, Master in Management Dissertation

O’Toole, A. (2010) **“The impact of various Lean tools on operational efficiency within the food industry”,** UCD Michael Smurfit School of Business, Master in Management Dissertation

O’Farrell, N., Yingying, F. and Wu, R. (2010) “**Improvements in the turnover of consumer goods in retail through Inventory Management**”, UCD Michael Smurfit School of Business, MSc in Supply Chain Management

Sheridan, P.F. and Gallagher, K. (2010) “**Buyer – Supplier Relationship Focus: Maximising the Reverse e-Auction Investment”,** UCD Michael Smurfit School of Business, MSc in Supply Chain Management

**Current Doctoral Research Supervision**

Olivia Finnerty (expected 2026), “**Entrepreneurial orientation and its impact on social sustainability: the role of organizational learning**”, OSCAR, ATU, PhD

Joanne Harrold (expected 2026), “**Supply chain innovation and sustainability performance**”, OSCAR, ATU, PhD

Fariha Qamar (expected 2026), “**Industry 5.0 and lean practices: a new paradigm?**”, OSCAR, ATU, PhD

Maria Malik (expected 2026), “**Innovative sustainable urban last-mile logistics on e-commerce market: a case study for Ireland**”, OSCAR, ATU, PhD

Richard Asante (expected 2026), “**A Practical Methodology for Implementing a Circular Economy Business Model in Irish Furniture Manufacturing SMEs**”, OSCAR, ATU, PhD

Dhanushi Rodrigo (expected 2026), “**Sustainability Learning in Multi-Tier Supply Chains**”, OSCAR, ATU, PhD

Md Rokkokuzan (expected 2026), “**Decentralized autonomous organization (DAO) supply chains: Investigating the impact of distributed ledger technologies: An innovation assimilation perspective**”, OSCAR, ATU, PhD

David Awe (expected 2026), “**The impact of ethical leadership in supply chain management on customer loyalty in retail operations**”, OSCAR, ATU, PhD

Matthew Skerrit (expected 2026), “**The development and role of human rights and environmental due diligence in supply chain management**”, OSCAR, ATU, PhD

Niamh Harkin (expected 2026), “**Balancing the digital and green transitions for firms on the path towards Industry 5.0**”, OSCAR, ATU, PhD

Rares Cosmin Nicorici (expected 2025), “**Managerial control in hospital units**”, Stefan cel Mare University, Suceava, Romania, PhD

Ana-Maria Sandulachi (expected 2025), “**Empirical research on assessing the quality of integrated reporting (IR) through the lens of stakeholder information needs**”, Stefan cel Mare University, Suceava, Romania, PhD

**Viva (internal/external examiner)**

Mohammed Awad (September, 2023), “Minimising Energy Utilisation for Batch Production Through Multivariate Scheduling optimisation”, Atlantic Technological University, Ireland (internal)

Junwei, Sun (July 2022), “The effects of power on supply chain social sustainability”, Newcastle University Business School, UK (external)

**Teaching Experience**

2005 to present – Letterkenny Institute of Technology, Business School – Undergraduate and Postgraduate Courses in Operations Management, Supply Chain Management, Engineering Management Techniques, Project Management and Strategic Management – levels 6,7, 8 and 9.

2009 to present – Adjunct Professor at UCD Dublin, Michael Smurfit Business School – Postgrad courses in Supply Chain Management/Operations Management (Master of Science, Master in Management, MBA and Executive MBA) – level 9.

2006 to 2010 – Course Facilitator in Quantitative Methods, Business Administration, Strategic Management and Organisational Management, Irish Institute of Public Administration – levels 6, 7, 8.

2010 – Guest speaker at the European Summer School Jean Monet “The Challenges of the Europeanisation Process in the New EU Post-Communist Countries”, Transylvania University, Brasov, Romania, August 2010

International experience: taught abroad in several countries such Romania, Germany, Belgium, Sri Lanka, Singapore and Hong Kong – Undergrad and Masters Programmes in Project Management, Operations and Supply Chain Management Area

**Senior Lecturer Duties undertaken**

* Teaching such assigned classes as deemed appropriate by the management of the Institute;
* Carrying out assessment, monitoring and evaluation of examinations work, and providing an academic and consultative support to students in their learning activities;
* Providing academic leadership and scholarship on existing and new courses and course development; and course co-ordination;
* Playing a pivotal role in research, consultancy and development;
* Participating in committees appropriate to courses and meetings convened by management;
* Maintaining appropriate records and making available information as required by management;
* Acting in an advisory capacity and as a professional support in academic matters to colleagues;
* Participating in the development, implementation and maintenance of academic Strategic Development arrangements;
* Participating in appropriate activities necessary to the development of their department/school and of the Institute;
* Directing and supervising the work of Tutor/Demonstrator and taking academic responsibility for the academic standards of this work.

**Professional Development**

Generative AI: Useful tool or teaching distraction?, Pearson UK (2024)

Winning green transport business – ESG reporting. CILT Skillnet (2023)

Human Research (IRB – Social and Behavioural Research), Arizona State University (2019)

Human Research (IRB – Biomedical Research Training), Arizona State University (2019)

Comprehensive Partial Least Square Structural Equation Modelling (PLS-SEM) using Smart PLS3, NITM Hamburg (2018)

Predictive Modelling II, IBM Big Data University (2017)

Predictive Modelling I, IBM Big Data University (2016)

Designing and Developing Research Projects in Operations Management, NTNU, Trondheim, Norway (2016)

NVivo, Qualitative Software Analysis, LYIT (2015)

MATLAB Training, MartWorks Fundamentals, LYIT (2015)

Supervising MSc and PhD students, UCD, Dublin, Ireland (2013)

Structural Equation Modelling (SEM) using AMOS, Lancaster University, UK (2013)

Advanced Quantitative Modelling: Generalised Linear and Multi-level Models, Lancaster University, UK, (2013)

Virtual Learning Platforms - BlackBoard, Ireland, LYIT, (2013)

Lateral Thinking: deBono Thinking Systems (2012)

EurOMA Doctoral Consortium – Research Design in Operations Management, Universidade Catolica Portuguesa, Portugal (2010)

EurOMA Doctoral Summer School, in “Operations Strategy”, Politechnica di Milano, Italy (2009)

Process Mapping, Centre for Competitiveness, UK (2006)

CEIM Graduate Development Programme, Údarás na Gaeltachta, Ireland (2005)

Applied 6 SIGMA, Business Development Center, Letterkenny, Ireland (2005)

Certificate in International Material Data System, MDS Systems, UK (2003)

Trained in various management support systems: SAP, AS400, Brilliant and Megasis

**Workshops/ Seminars**

Keynote speaker at 7th Equal Opportunities Conference on “Digital Innovation and Business Sustainability”, Ahlia University, Bahrain (2024)

Doctoral summer school – plenary session, “Stefan cel Mare” University, Romania (2023)

Plenary Session Guest Speaker (2022), Challenges and Opportunities for a Sustainable Development - The 18th Edition, International Economic Conference, Romania

Workshops/ seminars – delivered on behalf of UCD in SriLanka, Hong Kong and Singapore (2015-2020)

Research Methods and Quantitative Techniques - PhD students – “Stefan cel Mare” University, Romania (2015)

Lean Operations and Research Directions Seminar – MBA students – University College Dublin (2014)

Factory fitness: A swift even flow perspective – seminar delivered in University of Groningen, Nederland (2014)

Quantitative Data Analysis – seminar delivered in conjunction with Prof. Dan Remeny, University of Reading, UK (2014)

**Service to Profession**

Member of the Strategic Planning Council – Atlantic Technological University (2022 to present)

Member of the Research Committee – Atlantic Technological University (2022 to present)

Member of the Academic Council – Atlantic Technological University (2022 to present)

External Examiner for Technological University of the Shannon: Midlands Midwest (2019 – 2022)

Area Editor for Operations Management Research Journal (2020 to present)

Board Member of West/ North-West Lean Network (2019 to present)

Member of the Editorial Advisory Board at Cambridge Scholars Publishing (2017 to present)

Member of the European Board of the European Operations Management Association (EurOMA) (elected for 2017-2020; 2020-2023)

Leader of the Organising Committee for 8th European Operations Management Association Summer School, Ireland (June 25-29, 2017)

Vice-President for Global Manufacturing Research Group (elected for 2016 - 2021)

Extern and Post Grad Monitoring Role – Dublin City University (2014 to present)

Member of the Research Committee – Letterkenny Institute of Technology (2012-2015; 2017-2020)

Member of the Academic Council – Letterkenny Institute of Technology (2012-2015; 2017-2020)

Reviewer – Decision Sciences Journal of Innovative Education, International Journal of Production Research, Decision Sciences, Production and Operations Management, International Journal of Operations and Production Management and Operations Management Research Journal.