Operations and Supply Chain Research Newsletter

1 July – 30 September 2020

Grants

Jorge Hernández was successful in his application to the University of Liverpool ODA Research Seed Fund, Round 8 (2020/21) on the project titled "Application of operations management methods to generate an open digital index to visualise and promote agri-food system networks resilience under pandemics in ODA regions". The funding is in the amount £10K. The project is one year in duration and is in collaboration with the University of Liverpool Institute of Infection and Global Health, Ministry of Agriculture of Argentina, National University of La Plata from Argentina, Agriculture institutions from Kenya, Henan Agriculture University from China and the Huahuaniu Dairy Group from China.

Hugo Lam was successful in his application to the BA/Leverhulme Small Research Grants for his project titled "Does doing good during bad times pay off? Evidence from the COVID-19 pandemic". The funding is in the amount £9.5K.

Akshit Singh participated in the Science and Technologies Facilities Council virtual sandpit event in summer. His team won the Sandpit event and awarded funding of £8K to work on their project titled "Food Shock 2020: Intelligent data analytics to understand food consumer practice during a food system shock – the case of COVID-19", led by Dr Laura Wilkinson (Swansea University) with Akshit a co-I on the project.

Yuanzhu Zhan was successful in his application to the BA/Leverhulme Small Research Grants for his project titled "A Study of COVID-19 Social Media Infodemic in the Retail Pharmacy Industry". The funding is in the amount £9K. The proposed study will focus on the retail pharmacy chains in the UK and help them develop their social media strategies and fight against the impact of COVID-19 pandemic.

Awards / Recognitions

Dominic Chiwenga won the Dean's Prize for Innovation and Impact in Doctoral Research awarded by the Faculty of Management, Law and Social Sciences at the University of Bradford.

Cagatay Iris has two journal articles listed in the "The most cited articles published since 2017" at respective journals, Transportation Research Part E: Logistics and Transportation Review and Transportation Research Part D: Transport and Environment:
https://www.journals.elsevier.com/transportation-research-part-e-logistics-and-transportation-review/most-cited-articles, https://www.journals.elsevier.com/transportation-research-part-d-transport-and-environment/most-cited-articles

Projects

Jorge Hernández has been appointed in August 2020 as the new University of Liverpool Academic Lead for the N8 Project. This is a £8m project funded by the Higher Education Funding Council for England (HEFCE) in 2015 and involves leading academics from the 8 most research intensive universities in the North of England. Dr. Hernandez' role will be oriented to ensure leadership and coordination of activity within their institution, building awareness of, and participation in, N8 AgriFood initiatives within their institution, as well as to ensure effective communication between local PVCR, the Secretariat and the N8 AF steering group: https://www.n8agrifood.ac.uk/about-us/meet-the-team/

Chaired by **Dong Li**, the International GOLF Webinar on the Green Economy and Sustainable Agri-Food Supply Chains was held online from 29th-31st July 2020, co-hosted by Zhejiang University and the University of Liverpool. Well-known scholars and experts from the UK, China, Germany, Netherlands, Norway, and other countries/regions were invited to discuss and share their insights on the theme of green economy and sustainable food supply chain. Five keynote speeches were delivered by Prof Xiaohua Yu from the University of Göttingen, Dr Rui Mao from the Zhejiang University, Dr Andrew Ormerod from the Global Biotechnology Transfer Foundation, Dr Jens Thomas from the Farm Urban, and Prof Weihua Zhou from Zhejiang University.

Conference Attendance or Presentations

Jorge Hernández was a guest speaker in the Seminar on BigData and Decision Support Systems in Agriculture held from 14-16 October 2020. Lleida (Spain) and gave a talk titled "Leading to international IMPACT through the RUC-APS methodology. An H2020 research experience".

Ian McHale is speaking to the Association of Sporting Directors on the use of big data and analytics in recruitment of players.

Jo Meehan was invited to take part in Modern Slavery Policy and Evidence Committee roundtable discussion on Modern Slavery in Business Supply Chains, Monday 21st September 2020 as part of its ongoing consultation on research priorities.
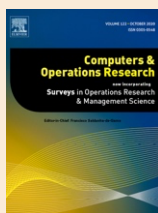
Yuanzhu Zhan was invited to give a research seminar (online) to Dalian Maritime University, China (23 July 2020) with a talk titled "The Impacts of Supply Chain Finance Initiatives on Firm Risk".

PhD Students (New / Completed)

Mengqi Jiang (2020), Corporate Social Responsibility–Corporate Financial Performance Relationship in Emerging Economies: Mediating Role of Public Opinion and Political Ties, co-supervised by Lujie Chen and **Yuanzhu Zhan**.

Jiaxing Wang (2020), Optimization for Returnable Packaging Business, co-supervised by Guoquan Liu (XJTLU) and **Yuanzhu Zhan**.

Publications (Accepted or Published)

Bektaş, T., Gouveia, L. and Santos, D. (2020). Compact formulations for multi-depot routing problems: Theoretical and computational comparisons. *Computers & Operations Research*, 124, 105084.

Benhayoun, L., Le Dain, M.-L., Dominguez-Pery, C. and **Lyons, A.** (2020) SMEs embedded in collaborative innovation networks: How to measure their absorptive capacity. *Technological Forecasting and Social Change* (forthcoming).

Cheng, T.C.E., **Lam, H.K.S.**, **Lyons, A.C.**, & Yeung, A.C.L. (2020). Researching the use of social media in operations and supply chain management: What can we learn from other business disciplines? *International Journal of Operations & Production Management*, 40(5), 509-530.

This Special Issue on "The use of social media in operations and supply chain management" co-edited by **Hugo Lam** and **Andy Lyons**, along with Edwin Cheng and Andy Yeung (Hong Kong Polytechnic University) has now been published:
https://www.emerald.com/insight/publication/issn/0144-3577/vol/40/iss/5

Feng, Y., Song, D.P., Li, D. and Zeng, Q.C. (2020). The stochastic container relocation problem with flexible service policies, *Transportation Research Part B*, 141, 116-163. (https://authors.elsevier.com/a/1boX0hVEA%7EXSz)

Forrest, D. and **McHale, I.G.** (2020). Transmission of problem gambling between adjacent generations. *Journal of Gambling Studies* (forthcoming)

Hernández, J.E., **Li, D.**, Jimenez-Sanchez, J.E., Cedillo-Campos, M.G., Wenping, L. (Eds.). "Collaborative Logistics and Intermodality: Integration in Supply Chain Network Models and Solutions for Global Environments", Springer (forthcoming).

Hernández, J. E., Mortimer, M. and Panetto, H. (2020). Operations management and collaboration in agri-food supply chains (Editorial). *Production Planning & Control* (forthcoming).

Lu, H., Mangla, S. K., **Hernández, J. E.**, Elgueta, S., Zhao, G., Liu, S. and Hunter, L. (2020). Key operational and institutional factors for improving food safety: a case study from Chile. *Production Planning & Control* (forthcoming).

Mishra, J. L., **Chiwenga, K. D.**, Mishra, N. and Choudhary, S. (2020). Extending dynamic capabilities towards lean thinking in humanitarian supply chains. *Production Planning & Control* (forthcoming).

Pinnington, B., **Lyons, A.**, and **Meehan, J.** (2020), Value-independent third-party orchestrators as catalysts of business collaboration. *Journal of Management Inquiry* (forthcoming) https//doi.org/10.1177/1056492620959455

Zhang, X., Lam, J.S.L. and **Iris, Ç.**, 2020. Cold chain shipping mode choice with environmental and financial perspectives. *Transportation Research Part D: Transport and Environment*, 87, p.102537.

Zhao, G., **Hernández, J. E.**, Elgueta, S., Manzur, J.P., Liu, S., Chen, H., Lopez, C., Kasturiratne, D. and Chen, X., 2020. The impact of knowledge governance mechanisms on supply chain performance: empirical evidence from the agri-food industry. *Production Planning & Control* (forthcoming).