

Intellectual Contributions

The University of Vermont

Lucas, Marilyn

Refereed Journal Articles

Journal Article, Academic Journal (Accepted)

Noordewier, T. G., Lucas, M. T. (in press). On Being Green and Profitable: Does Industry Context Matter? *International Journal of Production Economics*.

Journal Article, Academic Journal (Published)

Do, H., Shunko, M., Lucas, M., Novak, D. Impact of Behavioral Factors on Performance of Multi-Server Queueing Systems. *Production and Operations Management*.
[http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1937-5956](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1937-5956)

Journal Article, Academic Journal (Published)

Puranam, K., Novak, D., Lucas, M., Fung, M. (2017). Managing Blood Inventory with Multiple Independent Sources of Supply. *European Journal of Operational Research (EJOR)*, 259, 500-511. <http://dx.doi.org/10.1016/j.ejor.2016.11.005>

Journal Article, Academic Journal (Published)

Lucas, M., Noordewier, T. (2016). Environmental Management Practices and Financial Performance: The Moderating Effects of of Industry Pollution-Related Context. *International Journal of Production Economics*, 175, 24-34.

Journal Article, Academic Journal (Published)

Puranam, K., Novak, D., Lucas, M. (2015). Extending the Newsvendor Model to Account for Uncontrolled Inventory Transfers. *Annals of Operations Research / Springer*(DOI 10.1007/s10479-015-2080-5), 14. <http://link.springer.com/article/10.1007/s10479-015-2080-5>

Journal Article, Academic Journal (Published)

Lucas, M., Kirillova, O. (2011). Reconciling the Resource-based and Competitive Positioning Perspectives on Manufacturing Flexibility. *Journal of Manufacturing Technology Management*, 22(2), 189-203.

Journal Article, Academic Journal (Published)

Lucas, M., Monahan, G. E. (2011). Optimal Product Design with Market-based Learning and Manufacturing Flexibility. *International Journal of Operations and Quantitative Management*, 17(3), 211-237.

Journal Article, Academic Journal (Published)

Lucas, M. (2010). Understanding Environmental Management Practices: Integrating Views from Strategic Management and Ecological Economics. *Business Strategy and the Environment*, 19, 543-556. <http://onlinelibrary.wiley.com/doi/10.1002/bse.662/pdf>

Journal Article, Academic Journal (Published)

Lucas, M., Wilson, M. A. (2008). Tracking the Relationship between Environmental Management and Financial Performance in the Service Industry. *Service Business*, 2(3), 203-218. <http://www.springerlink.com/content/gm517q1018h84288/>

Journal Article, Academic Journal (Published)

Lucas, M., Chhajed, D. (2004). Applications of Location Analysis in Agriculture: A Survey. *Journal of Operational Research Society (JORS)*, 55, 561-578. <http://www.palgrave-journals.com/jors/journal/v55/n6/pdf/2601731a.pdf>

Journal Article, Academic Journal (Published)

Hess, J. D., Lucas, M. (2004). Doing the Right Thing or Doing the Thing Right: Allocating Resources between Marketing Research and Production. *Management Science*, 50(4), 521-526. <http://www.jstor.org/pss/30046090>

Journal Article, Academic Journal (Published)

Lucas, M., Nicholson, C. F. (2003). Subsidized Vehicle Acquisition and Earned Income in the Transition from Welfare to Work. *Transportation*, 30(4), 483-501. <http://www.springerlink.com/content/p6573371441288r4/>

Journal Article, Academic Journal (Published)

Buescher, M., Sullivan, P., Halbrendt, C., Lucas, M. (2001). The Community-Business Matching Project: New Tools for Rural Development. *Journal of Sustainable Agriculture*, 17(4), 57-74. http://www.haworthpress.com/store/E-Text/View_EText.asp?a=3&fn=J064v17n04_06&i=4&s=J064&v=17

Journal Article, Academic Journal (Published)

Freundewey, J. O., Jambekar, A. B., Lucas, M. (1997). Measuring the Relative Efficiency of the Small Business Development Centers in Michigan using Data Envelopment Analysis. *Midwestern Journal of Business and Economics*, 10(3 (Part I)).

Non-Refereed Journal Articles

Journal Article, Public or Trade Journal (Published)

Lucas, M., Novak, D., Puranam, K. (2018). On the Challenges of Blood Inventory Management. *Archives of Blood Transfusion & Disorders - Crimson Publishers*, 1(4), 2. <https://crimsonpublishers.com/abtd/pdf/ABTD.000520.pdf>

Book Chapters

Book, Chapter in Scholarly Book-New (Accepted)

Fox, M.-J., Schneider, A. B., Lucas, M. T., Caniglia, B. S. (2020). The Nature and Role of Business in an Ecological Economy. In R. Costanza, J.D. Erickson, J. Farley, and I Kubiszewski (Ed.), *Sustainable Wellbeing Futures: a Research and Action Agenda for Ecological Economics*. Edward Elgar Publishing.

Conference Proceedings

Conference Proceeding (Published)

Lucas, M., Noordewier, T. (2010). *Environmental Management Practices in Services: When Does it Pay to be Green?*. International Research Symposium in Service Management/University of Mauritius.

Conference Proceeding (Published)

Lucas, M., Nicholson, C. F. (2003). *On the Evaluation of a Small Vehicle Donation-and-Sales Program* (pp. 381-383). Proceedings of the Annual Meeting of the Northeast Decision Science Institute.

Conference Proceeding (Published)

Halbrendt, C., Lucas, M., Sullivan, P., Zheng, Y. (2000). *A Framework for Matching Communities with Businesses in Planning for Sustainable Economic Development* (pp. 7-9). Proceedings of the 31 st Annual Meeting of the Midwest Decision Science Institute.

Conference Proceeding (Published)

Franza, R., Lucas, M. (2000). *New Product Development: A Mathematical Model of the Time-to-Market versus Product Performance Trade-off* (vol. 3, pp. 1019-1021). Proceedings of the 31st Annual Meeting of the Decision Science Institute.

Conference Proceeding (Published)

Lucas, M., Franza, R. (1999). *Improving Time-to-Market or Product Quality? Impact of Market Environment on the Firm's New Product Development Strategy* (vol. 3, pp. 1163-1165). Proceedings of the 30th Annual Meeting of the Decision Science Institute.

Conference Proceeding (Published)

Lucas, M., Hess, J. D. (1998). *Resource Allocation Issues between Marketing Research and Production* (pp. 186-192). Cape Town: Proceedings of the International POMS Meeting.

Other Intellectual Contributions

Technical Report (Published)

Lucas, M. (2000). *The Impact of Vehicle Acquisition through the Good News Garage on PATH Support Payments and Earned Income - Preliminary Results*. The Good New Garage.

Written Case with Instructional Material (Published)

Lucas, M., Hoffman, A. (2000). In Hitt, M.A., Ireland, R.D., and R.E. Hosisson (Ed.), *The COGNEX Corporation: Play Hard, Work Hard* (4th edition ed.). Strategic Management: Competitiveness and Globalization/South-Western College Publishing.