

MICHAEL E. FREEMAN

PH.D. CANDIDATE IN OPERATIONS MANAGEMENT

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| CONTACT | Judge Business School Trumpington Street Cambridge, CB2 1AG United Kingdom | e-mail: mef35@cam.ac.uk phone: +44 (0)7590 254041 web: http://www.mefreeman.co.uk connect: uk.linkedin.com/in/mfrmn |
| RESEARCH INTERESTS | Management of healthcare organizations; Service operations management for health service delivery; Health economics; Behavioral operations; Econometric methods. | |
| TEACHING INTERESTS | Data analytics and modeling for management; Operations management; Service operations; Health operations; Statistics; Econometrics. | |
| EDUCATION | Judge Business School, University of Cambridge, UK Doctor of Philosophy in Management Studies Oct 2011 – Mar 2016 (expected) - “Empirical Investigations into the Operational Factors Impacting on Hospital Performance.” - Management Science and Operations subject group. - Advisors: Stefan Scholtes (Chair), Nicos Savva (External) M.Phil. in Management Science & Operations Oct 2010 – Jun 2011 - Final grade: 79%, Distinction, with highest grade awarded for degree programme. - Dissertation: 83%, Optimal Strategies for Sourcing Inventory Under Uncertain Demand. University of Warwick, UK Master of Mathematics, Operational Research, Statistics & Economics Oct 2006 – Jul 2010 - Final grade: 80%, First Class, 4-year integrated master’s degree. - Dissertation: 78%, Mechanism Design: Allocating Resources Under Incomplete Information. | |
| RESEARCH PAPERS | In Refereed Journals Freeman, M., N. Savva and S. Scholtes. Gatekeepers at Work: An Empirical Investigation of a Maternity Unit. Accepted at <i>Management Science</i> . Finalist for the 2014 William Pierskalla Award (organized by the Health Applications Society of INFORMS to recognize research excellence in the field of health care management science). Under Review / Work in Progress Freeman, M., N. Savva and S. Scholtes. Trading off Scale and Scope: Gaining Productivity through Elective Care Pooling in Regional Hospital Systems. Working paper. | |
| TEACHING EXPERIENCE | London Business School: Teaching assistant for MBA core course “Data, Models, and Decisions” (2014 – present) and for Dubai EMBA course “Data Analytics for Management” (Sep 2015 & Feb 2016). University of Cambridge: Co-lecturer (2012 – 13) and teaching associate (2011 – 12) for “Econometric I” and “Econometrics II” Masters courses; MBA project advisor (2013); Teaching assistant (2011 – 12) for Masters course “Strategic Valuation: Uncertainty and Real Options”. University of Warwick: Supervisor (2009 – 10) for undergraduate course “Statistical computing”; Founded and ran (Oct 2007 – Jun 2008) seminar series for first year undergraduates on mathematical methods, e.g. Analysis, Linear Algebra. | |
| CONFERENCE PRESENTATIONS | INFORMS 2015 Annual Conference, Philadelphia, PA (Invited, Nov 2015); INFORMS 2014 Annual Conference, San Francisco, CA (Invited, Nov 2014); Cambridge CORE Doctoral Conference 2013, Cambridge, UK (Dec 2013); MSOM Healthcare SIG 2013, Fontainebleau, FRA | |

(July 2013); Cambridge CORE Doctoral Conference 2012, Cambridge, UK (Dec 2012); INFORMS 2012 Annual Conference, Phoenix, AZ (Invited, Oct 2012).

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| REFEREEING | Ad-hoc referee work for Production and Operations Management (POM). | | |
| PROFESSIONAL EXPERIENCE | <p>Judge Business School, Cambridge, UK</p> <p>Ad-hoc Academic Advisor Feb 2012–present</p> <p>- Consulted with e.g. Cambridge University Hospitals, the UnitingCare Partnership, and Dr Foster Intelligence, working on data-driven projects in healthcare.</p> <p>Office for National Statistics, Newport, UK</p> <p>ESRC Internship Jan 2015–Jun 2015</p> <p>- Developed a method for measuring the quality of secondary school education in England using the national pupil database, for use in annual publications.</p> <p>Tesco PLC, London, UK</p> <p>External Consultant Jul 2011–Oct 2011</p> <p>- Developed, modeled and empirically tested a new ordering system for seasonal products.</p> | | |
| GRANTS AND AWARDS | <p>Economic and Social Research Council DTC Research Scholarship Oct 2011–Mar 2016</p> <p>Judge Business School Top Conference Travel Grant 2012, 2013, 2014 & 2015</p> <p>Robinson College Travel Grant 2013 & 2014</p> <p>Teaching and Learning Innovation Fund Grant 2012–2013</p> <p>Thomas Bayes Prize for “outstanding performance in examinations” 2009</p> <p>Valedictorian – International School of Stavanger, Norway 2006</p> | | |
| MISC. | Robinson College Graduate Society President (2013–14); Judge Business School Doctoral Conference organiser (2013); Robinson College Graduate Society Vice-President (2012–13); Robinson College Research Day conference organiser (2013); Cambridge Judge Business School statistical and empirical methods advisor (2011–12); Elected student representative on Staff-Student Liaison Committee (2006–09). | | |
| PROGRAMMING | R (expert, 8 years experience), Stata, SQL, Java, \LaTeX . | | |
| EXPERTISE | Health application, service operations, data analytics, statistical & machine learning. | | |
| REFERENCES | <p>Stefan Scholtes (Supervisor)</p> <p>Prof. of Health Management</p> <p>University of Cambridge</p> <p>s.scholtes@jbs.cam.ac.uk</p> | <p>Paul Kattuman</p> <p>Reader in Economics</p> <p>University of Cambridge</p> <p>pak13@cam.ac.uk</p> | <p>Nicos Savva</p> <p>Associate Professor</p> <p>London Business School</p> <p>nsavva@london.edu</p> |