MICHAEL E. FREEMAN PH.D. CANDIDATE IN OPERATIONS MANAGEMENT

CONTACT	Judge Business School		e-mail:	mef35@cam.ac.uk
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RESEARCH INTERESTS

Management of healthcare organizations; Service operations management for health service delivery; Behavioral operations; Empirical operations; Health economics; 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 this 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 *Management Science*.

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 Hospital System Redesign. 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); IN-FORMS 2012 Annual Conference, Phoenix, AZ (Invited, Oct 2012).

REFEREEING	Ad-hoc referee for Production and Operations Management (POM).

PROFESSIONAL EXPERIENCE

Judge Business School, Cambridge, UK

Ad-hoc Academic Advisor   Feb 2012 – present
- Consulted with e.g. Cambridge University Hospitals, the UnitingCare Partnership, and Dr Foster Intelligence, working on data-driven projects in healthcare.

Office for National Statistics, Newport, UK

ESRC Internship   Jan 2015 – Jun 2015
- Worked on improving measures of health and education productivity using large, national data sets, for use in annual publications.

Tesco PLC, London, UK

External Consultant   Jul 2011 – Oct 2011
- Developed, modeled and empirically tested a new ordering system for seasonal products.

GRANTS AND AWARDS

Economic and Social Research Council DTC Research Scholarship	Oct 2011 – Mar 2016
Judge Business School Top Conference Travel Grant	2012, 2013, 2014 & 2015
Robinson College Travel Grant	2013 & 2014
Teaching and Learning Innovation Fund Grant	2012 – 2013
Thomas Bayes Prize for "outstanding performance in examinations"	2009
Valedictorian – International School of Stavanger, Norway	2006

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 applications, service operations, data analytics, statistical & machine learning.

REFERENCES

Stefan Scholtes (Supervisor)	**Paul Kattuman**	**Nicos Savva**
Prof. of Health Management	Reader in Economics	Associate Professor
University of Cambridge	University of Cambridge	London Business School
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