

# Michael Freeman

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## ACADEMIC POSITIONS

2017-      Assistant Professor of Technology and Operations Management – INSEAD, Singapore.

## RESEARCH INTERESTS

Hospital operations; Healthcare design and delivery; Service management; Empirical operations

## EDUCATION

- 2017      Ph.D. in Management Studies – Judge Business School, University of Cambridge.  
Thesis topic area: Empirical health care operations management.  
Committee: Stefan Scholtes (chair) and Nicos Savva (external, London Business School).
- 2011      MPhil in Management Science and Operations, with Distinction – Judge Business School, University of Cambridge.
- 2010      MMORSE (Combined BSc and MSc in Mathematics, Operations Research, Statistics, and Economics), with First-Class Honors – Department of Statistics, University of Warwick.

## RESEARCH PAPERS

### Refereed Journal Articles

- [1]      “Gatekeepers at Work: An Empirical Analysis of a Maternity Unit,” with Nicos Savva and Stefan Scholtes. *Management Science*, Articles in Advance. (**Online version**)  
– Finalist, 2014 William Pierskalla Award.

### Papers Under Revision / Working Papers

- [2]      “Economies of Scale and Scope in Hospitals: An Empirical Study of Volume Spillovers,” with Nicos Savva and Stefan Scholtes. Job market paper. Under revision. (**Latest version**)  
– First Prize, 2016 MSOM Student Paper Competition.
- [3]      “Gatekeeping Under Congestion: An Empirical Study of Referral Decisions in the Emergency Department,” with Susan Robinson and Stefan Scholtes. In preparation for submission. (**Latest version**)

### Research in Progress

- [4]      “Fat-Tails in Hospital Costs: Evidence and Implications for Tariff-Based Compensation Systems,” with Paul Kattuman and Stefan Scholtes. Work-in-progress.

## INVITED TALKS

- 2017      UCLA Anderson School of Management (Los Angeles, CA); UNC Kenan Flagler Business School (Chapel Hill, NC); JHU Carey Business School (Baltimore, MD); INSEAD (Fontainebleau, France); IU Kelley School of Business (Bloomington, IN); Kellogg School of Management, Northwestern University (Evanston, IL); UBC Sauder School of Business (Vancouver, Canada); Emory University’s Goizueta Business School (Atlanta, GA).
- 2016      MIT Sloan School of Management (Cambridge, MA); UVA Darden School of Business (Charlottesville, VA).

## **CONFERENCE & WORKSHOP PRESENTATIONS**

### **Gatekeeping Under Congestion**

- 2017        INFORMS Annual Meeting (Houston, TX); INFORMS Healthcare (Rotterdam, Netherlands); MSOM Healthcare SIG (Chapel Hill, NC).

### **Economies of Scale and Scope in Hospitals**

- 2016        INFORMS Annual Meeting (Nashville, TN); Wharton Workshop for Empirical Research in Operations Management (Philadelphia, PA); London Business School Doctoral Conference (London, UK).  
2015        INFORMS Annual Meeting (Philadelphia, PA).

### **Gatekeepers at Work**

- 2014        INFORMS Annual Meeting (San Francisco, CA).  
2013        Cambridge Judge Business School Doctoral Conference (Cambridge, UK); MSOM Conference and SIG (Attendee), INSEAD (Fontainebleau, France).  
2012        INFORMS Annual Meeting (Phoenix, AZ); Cambridge Judge Business School Doctoral Conference, (Cambridge, UK).

## **TEACHING**

### **London Business School**

- 2015–17     Data Analytics for Management – EMBA (Dubai) core, teaching assistant (with V. Kostami).  
2014–16     Data, Models, and Decisions – MBA core, teaching assistant (with V. Kostami and N. Savva).

### **Cambridge Judge Business School**

- 2013        Econometrics II – MA core, instructor (with P. Kattuman).  
2012        Econometrics I – MA core, instructor (with P. Kattuman).  
2012        Uncertainty and Real Options – MA elective, teaching assistant (with Y.S. Lee).  
2012        Econometrics II – MA core, teaching assistant (with P. Kattuman).  
2011        Econometrics I – MA core, teaching assistant (with P. Kattuman).

### **Department of Statistics, University of Warwick**

- 2009        Statistical Computing – BA elective, teaching assistant (with D. Firth).  
2007        First Years' Mathematics Workshops – BA elective, founder and instructor.

## **AWARDS, GRANTS, AND HONORS**

### **Cambridge Judge Business School**

- 2016        First Prize, 2016 MSOM Student Paper Competition.  
2016        Director's Research Award, Cambridge Judge Business School.  
2016        Lyondell Basell Research Scholarship, Cambridge Centre for Health Leadership.  
2015        Economic and Social Research Council Student Internship Award.  
2014        William Pierskalla Award Finalist, INFORMS Health Application Society.  
2014        Teaching and Learning Innovation Grant, Cambridge Centre for Teaching and Learning.  
2011–16     Economic and Social Research Council Doctoral Scholarship, University of Cambridge.

### **Others**

- 2009        Thomas Bayes Prize for “outstanding examination performance,” University of Warwick.  
2006        Valedictorian, International School of Stavanger, Norway.

## **PROFESSIONAL ACTIVITIES AND AFFILIATIONS**

### **Reviewer**

Ad-hoc reviewer for journals Management Science, Manufacturing & Service Operations Management and Production and Operations Management; Reviewer for 2016 MSOM Conference Healthcare SIG.

### **Member**

Manufacturing and Service Operations Management Society (M&SOM); Institute for Operations Research and Management Sciences (INFORMS); Health Applications Society (HAS).

## **INSTITUTIONAL SERVICE**

- 2013– Technical advisor, MBA Global Consulting Projects, Cambridge Judge Business School.
- 2014 President, Robinson College Graduate Society.
- 2013 Co-organizer, Cambridge Judge Business School Doctoral Conference.
- 2013 Vice-president, Robinson College Graduate Society.
- 2011–13 Econometrics advisor, Cambridge Empirical Lab, Cambridge Judge Business School.

## **CONSULTING EXPERIENCE**

- 2012–17 **Cambridge University Hospitals NHS Foundation Trust**, Cambridge, UK.  
Honorary appointment, with six months spent on-site from April to September 2016.
- 2012– **Various Health Sector Collaborations**, UK.  
Collaborated with health care organizations such as Papworth Hospital, Dr Foster Intelligence, the UnitingCare Partnership, the Cambridgeshire and Peterborough CCG, and the Healthcare Financial Management Association.
- 2015 **Office for National Statistics**, Newport, UK.  
Six-month placement in the health productivity branch of the UK government's national statistics agency.
- 2011 **Tesco PLC**, London, UK.  
Consulted on the development and testing of a new ordering system for seasonal products.