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Robert L. Bray

curriculum vitae

Academic Positions

2012- Kellogg School of Management, Northwestern University, Evanston, IL
 Assistant Professor of Managerial Economics and Decision Sciences
 Donald P. Jacobs Scholar in Managerial Economics and Decision Sciences, 2012-2013

Education

2007–12 Stanford Graduate School of Business, Stanford, CA
 PhD, Operations, Information, and Technology

2002–06 University of California at Berkeley, Berkeley, CA
 B.S. Industrial Engineering Operations Research
 Graduated ‘High Honors’

Articles

2011 Information Transmission and the Bullwhip Effect: An Empirical Investigation (with Haim Mendelson)
 Management Science, May 2012, p. 860-875
 Winner of Best Student Paper Competition, POMS Supply Chain College
 Finalist in George Nicholson Student Paper Competition, INFORMS
 Finalist in MSOM Student Paper Competition, MSOM Society

2011 An Empirical Signal Processing Model of the Supply Chain (with Haim Mendelson)

2011 Case Study: The Kindle (with Haim Mendelson)

Awards and Positions

2011 1st prize, Best Student Paper Competition, Production and Operations Management Society, College of Supply Chain Management

2011 Finalist, George Nicholson Student Paper Competition, INFORMS

2011 Finalist, MSOM Student Paper Competition, MSOM Society

2009–11 President/Social Chair, Stanford GSB PhD Association

2007–12 Doctoral Fellowship, Stanford GSB

2002-04 Alumni Scholarship for Leadership, UC Berkeley

Professional Experience

Academic

- 2009– Referee: Management Science, Manufacturing and Service Operations Management, International Journal of Production Research, IIE Transactions on Healthcare Systems Engineering
- 2009–11 Lecturer: Introduction to Operations (PhD), Stanford GSB
- 2009–11 Course Assistant: Electronic Commerce (MBA), Stanford GSB
- 2009 Participant: Chicago-Argonne Initiative for Computational Economics
Program on estimation of structural econometric models
- 2006 Teaching Assistant: Discrete Event Simulation (undergraduate), UC Berkeley
- 2004–05 Research Assistant: Cohn Visual Detection Laboratory, UC Berkeley
Recipient of Undergraduate Research Opportunities grant
- 2004 Participant: Georgia Tech East Asia Industrial Engineering Program
Tsinghua University and National University of Singapore

Industrial

- 2006–07 Leachman & Associates: Semiconductor Manufacturing Consultant
Cycle time reduction in Micron Technology Inc. DRAM factory
- 2006 Restoration Hardware: Student consulting project
Inventory management of high-margin goods
- 2005 Intel: Manufacturing Engineering Co-op
Tactical planning division—rated ‘outstanding.’
- 2005 Disneyland: Industrial Engineering Co-op
Merchandise supply chain management

Presentations

- 2010-11 Information Transmission and the Bullwhip Effect
Workshop on Empirical Research in OM, Philadelphia, PA
INFORMS, Austin, TX
POMS, Reno, NV
MSOM, Ann Arbor, MI
INFORMS, Charlotte, NC
- 2011-12 An Empirical Signal Processing Model of the Supply Chain
MSOM Supply Chain SIG, NYC, NY
POMS, Chicago, IL
INFORMS, Charlotte, NC
Rady School of Management (ITO), UC San Diego, CA
Wharton School (OPIM), University of Pennsylvania, PA
Harvard Business School (TOM), Harvard, MA
Stern School of Business (IOMS), NYU, NY
Fuqua School of Business (OM), Duke, NC
Kellogg Graduate School of Management (MEDS), Northwestern, IL