

Matthew D. Dean

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EDUCATION

Ph.D. Candidate

Expected July 2008

University of Connecticut

Major: Operations and Information Management

Dissertation: "Decision Support for Healthcare Operations"

Committee: Robert Day (chair), Robert Garfinkel,
Steven Thompson (University of Richmond)

Other Graduate Studies

2002

George Mason University

Concentration: Operations Research

B.S.

1997

The College of William & Mary

Major: Mathematics

Minor: Education

RESEARCH INTERESTS

Healthcare Operations
Healthcare Information Systems
Decision Support Systems
Optimization-Based Software
Operational and Tactical Decision Making
Simulation

RESEARCH PAPERS

Thompson, S., Nunez, M., Garfinkel, R., and Dean, M. "Efficient Short Term Allocation and Reallocation of Patients to Floors of a Hospital During Demand Surges". Accepted at *Operations Research*, OR Practice area.

Thompson, S. & Dean, M. "Advancing Information Technology in Healthcare: Just What the Doctor Ordered". Accepted at *Communications of the ACM*.

WORKING PAPERS

Dean, M., Garfinkel, R., Day, R., & Thompson, S. "**Dynamic Allocation of Cardiac Diagnostic Testing Time Slots**". (Manuscript preparation).

Maynard, M.T., & Dean, M. "**Are All Experiences Created Equal? The Role of Shared Team Experience in Project Teams**". (Manuscript preparation).

Dean, M. "**Movie Allocation Decision Making in the Online DVD Rental Industry**". (Manuscript preparation).

Pathak, B. & Dean, M. "**Shopbot Heterogeneity and Price Dispersion**". (Data Analysis).

CONFERENCES

Dean, M., "**Real-time Allocation of Cardiac Diagnostic Testing Time Slots**", Decision Sciences Institute Annual Meeting (2007), Phoenix, AZ.

Dean, M., "**Dynamic Allocation of Cardiac Diagnostic Testing Time Slots**", INFORMS Annual Meeting (2007), Seattle, WA.

Dean, M., "**A Comparison of Real-time Allocation Schemes for Cardiac Diagnostic Testing Time Slots**", INFORMS International Meeting (2007), Puerto Rico.

Thompson, S., Nunez, M., Garfinkel, R. and Dean, M., "**Efficient Short Term Allocation of Patients to Floors of a Hospital During Demand Surges**", INFORMS Annual Meeting (2006), Pittsburgh, PA.

Dean, M., "**Real-Time Allocation of Time Slots for Cardiac Diagnostic Testing**", POMS Conference (2006), Boston, MA. Abstract # 004-0375.

Thompson, S., Nunez, M., Garfinkel, R., and Dean, M., "**Improving the Efficiency of Hospital Operations with Decision Support**", Proceedings of the First Conference of the INFORMS Optimization Society (2006), San Antonio, TX.

TEACHING EXPERIENCE

University of Connecticut:

Operations Management (OPIM 204)	Spring 2007 and Spring 2006
Business Information Systems (OPIM 203C)	Fall 2006, Spring and Summer 2004
Business Information Systems for Business Minors - an online course (BADM 260)	Fall 2004, Summer and Fall 2005
Lab for OPIM 203 (MS Office)	Fall 2003
Mobile Computing Lab (BADM 291)	Fall 2007
Teaching Assistant for BADM 260	Spring 2005

Northern Virginia Community College (Continuing Education Department):

Introduction to Programming with Java	Fall 2000 to Spring 2003
Fast Track Java	Fall 2000 to Spring 2003

INDUSTRY EXPERIENCE

Software Engineer, Decisive Analytics Corporation

Arlington, VA, April 2002 to July 2003

Software Engineer/Web Developer, Velocita Corporation

Falls Church, VA, June 2001 to April 2002

Software Engineer, MediaCenters, Inc.

Chantilly, VA, September 2000 to June 2001

Software Engineer, Sprint

Reston, VA, August 1999 to September 2000

Frame Relay National Technical Assistance Center (NTAC) Engineer, Sprint

Reston, VA, September 1997 to August 1999

PROFESSIONAL ACTIVITIES and SERVICE

Referee for *Health Care Management Science*, *Decision Support Systems*, and International Conference for Information Systems (ICIS)

Member of Dean Search Committee, University of Connecticut School of Business

Member of INFORMS, POMS, DSI, and AIS

Licensed to teach Secondary Mathematics

SPECIAL HONORS and AWARDS

University Pre-Doctoral Fellowship for Spring 2007

2007 Summer Fellowship

2007 UConn School of Business PhD Student Teaching Award – OPIM Department

REFERENCES

Robert (Bob) Day

Assistant Professor

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Robert Garfinkel

Professor

Dun & Bradstreet CITI Research Fellow

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