

**Elizabeth Ghini Moliski, Ph.D.**

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Education

UNIVERSITY OF CHICAGO BOOTH SCHOOL OF BUSINESS  
Ph.D. Business, 2010  
MBA Finance, 2003

UNIVERSITY OF LOUISVILLE SPEED SCHOOL OF ENGINEERING  
M.S. Computer Science, 2001

STANFORD UNIVERSITY  
B.S. Mathematical Sciences, 1987

Research Interests

Data driven decision making, particularly when it involves balancing competing risks; healthcare decision making; financial decision making and modeling

Publications

Journal Articles

Dale, W., Hemmerich, J., Schwarze, M., Moliski, E., & Tung, A. (2012). The effect of specialty and recent experience on perioperative decision making for abdominal aortic aneurysm repair. *Journal of the American Geriatrics Society*, 60(10), 1889-1894.

Hemmerich, J., Elstein, A., Schwarze, M., Moliski, E., & Dale, W. (2012). Risk as feelings in the effect of patient outcomes on physicians' future treatment decisions: A randomized trial and manipulation validation. *Social Science & Medicine*, 75(2), 367-376.

Hemmerich, J., Ghini, E., Schwarze, M., & Dale, W. (2007). Vivid bad outcome influences the decisions of older adults about treatment timing: A randomized field experiment with an abdominal aortic aneurysm analog. *Translational Research*, 150(3), 139-146.

Dale, W., Hemmerich, J., Ghini, E., & Schwarze, M. (2006). Can induced anxiety from a negative earlier experience influence vascular surgeons' statistical decision-making? A randomized field experiment with an abdominal aortic aneurysm analog. *Journal of the American College of Surgeons*. 203(5), 642-652.

Other Publications

Hemmerich, J., Elstein, A., Schwarze, M., Moliski, E., & Dale, W. (2009). The effects of computer simulated abdominal aneurysm outcomes on physician decisions to go to surgery: A randomized trial. The 31st Annual Meeting of the Society for Medical Decision Making, Los Angeles, CA, 2009. Thousand Oaks, CA: Sage Publications.

Dale, W., Hemmerich, J., Moliski, E. (2009) Biases in Medical Prediction. In Kattan M (Ed.). *Encyclopedia of Medical Decision Making*. Thousand Oaks, CA: Sage Publications.

Dale, W., Hemmerich, J., Moliski, E., Schwarze, M., & Tung, A. (2008) Medical specialty differences in treatment timing decisions for expanding abdominal aortic aneurysm repair: A randomized, computer simulation study. The 30th Annual Meeting of the Society for Medical Decision Making, Philadelphia, PA, 2008. Thousand Oaks, CA: Sage Publications.

#### Honors And Awards

2001, 2002      MBA Scholarship  
2007            Einhorn Grant to support Doctoral Research  
2008            Katherine Dunsik Miller 5<sup>th</sup> year Fellowship

#### Professional Appointments

2016 – Present	UNIVERSITY OF TEXAS MCCOMBS SCHOOL OF BUSINESS Department of Information, Risk, and Operations Management <u>Lecture</u> Courses Taught <i>Introduction to Business Statistics (STA 309)</i> <i>Statistics and Modeling (STA 371g)</i>	Austin, Texas
2013 - 2016	CONCORDIA UNIVERSITY TEXAS COLLEGE OF BUSINESS <u>Assistant Professor of Finance and Statistics</u> Courses Taught <i>Introduction to Data Analytics</i> <i>MBA Quantitative Methods and Statistics</i> <i>MBA Managerial Finance</i> <i>Business Statistics 1 and 2</i> <i>Principles of Finance</i> <i>Financial Accounting</i> <i>Financial Modeling</i>	Austin, Texas
2003 - 2005	UNIVERSITY OF CHICAGO BOOTH SCHOOL OF BUSINESS <u>Research Assistant</u> Developed software to run experiments to study sequential gambles and related topics. Assisted with grant proposal writing and mathematical modeling of decision-making processes. Statistically analyzed the results of various studies.	Chicago, Illinois

## Department / University Service

- 2014 - Present      College of Business Representative to the Executive Committee of the Faculty of Concordia University
- 2013 - Present      Academic Advisor for the Bachelors of Business Administration Finance Concentration
- 2013 - 2015      Faculty Sponsor of the Finance and Accounting Lunch Series

## Invited Talks

United States Conference on Teaching Statistics (USCOTS), May 28 – 29, 2015, (panelist) Bringing Passion to Your Introductory Statistics Classroom: A Supportive, Multidisciplinary Project-Based Approach

## Other Professional Experience

- 2010 - 2013      MANHATTAN PREP      New York, NY  
Curriculum Developer & Instructor  
Taught GMAT and GRE prep courses, both in person and online. Co-wrote and edited textbooks to support the curriculum.
- Textbooks:  
*The 5 lb Book of GRE Practice Problems, 2<sup>nd</sup> edition*, Manhattan Prep Publishing, New York, 2015  
*The Official Guide Companion, 13<sup>th</sup> Edition*, Manhattan Prep Publishing, New York, 2013  
*The Official Guide Companion for Sentence Correction*, Manhattan Prep Publishing, New York, 2013  
*Integrated Reasoning and Essay Strategy Guide, 5<sup>th</sup> Edition*, Manhattan Prep Publishing, New York 2012  
*GMAT Roadmap: Expert Advice Through Test Day*, Manhattan Prep Publishing, New York, 2011  
*GRE Quantitative Comparisons & Data Interpretation, 2<sup>nd</sup>* Manhattan Prep Publishing, New York, 2011
- June 2002 - August 2002      BARCLAYS CAPITAL, PLC      London, UK  
Asset Backed Securities Research Intern  
Developed mathematical models to conduct scenario analysis of fixed income portfolios.

- 2000 - 2001 U.S. ARMY ARMOR CENTER BATTLE LAB Fort Knox, Kentucky  
*Battle Lab is the U.S. Army's armored division's warfare simulation headquarters.*  
Consultant  
Managed the Battle Lab's Virtual Reality Cave, an SGI Onyx-based 3D virtual environment used for testing design concepts for the Army's future combat vehicles.
- 1999 - 2001 HARDIN COUNTY HABITAT FOR HUMANITY Elizabethtown, Kentucky  
Grant Writer & Board Member  
Grants funded totaled over \$260,000. In 2000, more than doubled any previous year's total annual fundraising revenue. Received award for most significant contribution by a board member in 2000.
- 1998 - 1999 AMPLITUDE SOFTWARE, INC. San Francisco, California  
Software Engineer  
Developed iCAP (Internet Calendar Access Protocol) an SQL-like query language for reading and writing calendaring and scheduling data stored on Web servers. Protocol was designed to run over the Internet and so supported multiple access levels and data encryption and was implemented primarily in C++.
- 1992 - 1997 APPLE COMPUTER Cupertino, California  
Software Development Engineer  
Developed various Macintosh software development tools, including the PowerPC Assembler, and Debugger, written in C and C++. Developed the C/C++ API for QuickTime VR.
- 1991 - 1992 SYNTEX CORPORATION Palo Alto, California  
Consultant  
System Administrator for SUN SPARC based DataFAX project, the first Syntex drug study to use OCR software to analyze patient visit forms.
- 1988 - 1990 INTELLICORP Mountain View, California  
Developer Support Engineer  
Resolved various technical issues software developers had with KEE, a multi-platform (mostly UNIX running X Windows) LISP based Object Oriented Knowledge Engineering shell, and KEE Connection, an SQL database connectivity tool. Developed a KEE-based expert system to resolve installation issues with KEE 386, the PC version of KEE.