

Michael A. Lapré

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Education

- 1993-1997 **Ph.D. in Management, INSEAD, France.**
Field of specialization: Production and Operations Management.
Dissertation title: *Behind the Learning Curve: An Investigation of Managing Learning Activities for Quality and Productivity Improvement*
- 1986-1991 **Doctorandus in Economics, Erasmus University Rotterdam, The Netherlands.**
Major: Operations Research.

Experience

- 2006-present **Associate Professor of Operations Management (with tenure),** Vanderbilt University, Owen Graduate School of Management.
- 2007-2018 **E. Bronson Ingram Associate Professor of Operations Management Term Chair,** Vanderbilt University, Owen Graduate School of Management.
- 2001-2006 **Assistant Professor of Operations Management,** Vanderbilt University, Owen Graduate School of Management.
- 1997-2001 **Assistant Professor of Operations Management,** Boston University, School of Management.
- 1992-1993 **Research Associate,** INSEAD, Fontainebleau, France.
- 1991-1992 **Operations Research Analyst,** TNO Defence Research (Dutch organization for applied scientific research), The Hague, The Netherlands. Military service: Officer in the Royal Dutch Navy.
- 1990-1991 **Intern,** TNO Defence Research, The Hague, The Netherlands.
- 1988-1990 **Teaching Assistant,** Erasmus University Rotterdam, The Netherlands.

Honors and Awards – Research

Stan Hardy Award for Best Paper Published in Operations Management in 2011 (in a set of five journals: *Decision Sciences*, *IJPR*, *JOM*, *M&SOM*, and *POM*)

Wickham Skinner Award for Best Paper published in *Production and Operations Management* in 2011 – Second Runner Up

Stan Hardy Award for Best Paper Published in Operations Management in 2004 (in a set of five journals: *Decision Sciences*, *IJPR*, *JOM*, *M&SOM*, and *POM*)

Shingo Prize for Excellence in Manufacturing Research, 2005

Wickham Skinner Award for Best Unpublished Paper presented at the *POMS* conference in 2005 – Runner Up

Wickham Skinner Award for Best Unpublished Paper presented at the *POMS* conference in 2003 – First Prize

Dean's Award for Excellence in Research, Vanderbilt University, Owen Graduate School of Management, 2003

Broderick Prize for Excellence in Research, Boston University, School of Management, 1999

Arthur D. Little, Inc. Fellowship, 1997

Sasakawa Fellowship, 1995-1997

INSEAD Fellowship, 1993-1997

Honors and Awards – Teaching and Service

Dean's Teaching Award for Outstanding Contributions to Teaching and Learning, Vanderbilt University, Owen Graduate School of Management, 2018

Production and Operations Management Recognition for Outstanding Work Performed as a Department Editor, 2015

Management Science Meritorious Service Award, 2011

Manufacturing & Service Operations Management Meritorious Service Award, 2008

Articles in Refereed Journals

Lapré, M.A., C. Cravey. When success is rare and competitive: Learning from others' success and my failure at the speed of Formula One. *Management Science*. Forthcoming.

Alan, Y., M.A. Lapré. 2018. Investigating operational predictors of future financial distress in the US airline industry. *Production and Operations Management* **27**(4) 734-755.

Lapré, M.A. 2011. Reducing customer dissatisfaction: How important is learning to reduce service failure? *Production and Operations Management* **20**(4) 491-507.

- Lead article
- Winner of the **Stan Hardy Award** for best paper published in Operations Management in 2011
- Second Runner Up for the **Wickham Skinner Award** for Best Paper published in *Production and Operations Management* in 2011
- A previous version of this paper was Runner Up for the **Wickham Skinner Award** for Best Unpublished Paper presented at the *Production and Operations Management Society* Conference in 2005

Lapré, M.A., I.M. Nembhard. 2010. Inside the organizational learning curve: Understanding the organizational learning process. *Foundations and Trends in Technology, Information and Operations Management* **4**(1) 1-103.

- Lead article
- Monograph also published as a book

Lapré, M.A. 2010. Teaching health care operations in the MBA program at Vanderbilt University Owen Graduate School of Management. *INFORMS Transactions on Education* **10**(3) 113-121.

Lapré, M.A., N. Tsiriktsis. 2006. Organizational learning curves for customer dissatisfaction: Heterogeneity across airlines. *Management Science* **52**(3) 352-366.

Lapré, M.A., G.D. Scudder. 2004. Performance improvement paths in the U.S. airline industry: Linking trade-offs to asset frontiers. *Production and Operations Management* **13**(2) 123-134.

- Lead article
- Winner of the **Stan Hardy Award** for best paper published in Operations Management in 2004
- Winner of the **Wickham Skinner Award** for Best Unpublished Paper presented at the *Production and Operations Management Society* Conference in 2003

Lapré, M.A., L.N. Van Wassenhove. 2003. Managing learning curves in factories by creating and transferring knowledge. *California Management Review* **46**(1) 53-71.

- Winner of the 2005 **Shingo Prize** for Excellence in Manufacturing Research

Lapré, M.A., L.N. Van Wassenhove. 2002. Learning across lines: The secret to more efficient factories. *Harvard Business Review* **80**(10) 107-111.

Peköz, E.A., M.A. Lapré. 2001. Inequalities for queues with a learning server. *Queueing Systems* **37**(4) 337-347.

- Lead article

Lapré, M.A., L.N. Van Wassenhove. 2001. Creating and transferring knowledge for productivity improvement in factories. *Management Science* **47**(10) 1311-1325.

- Lead article

Lapré, M.A., A.S. Mukherjee, L.N. Van Wassenhove. 2000. Behind the learning curve: Linking learning activities to waste reduction. *Management Science* **46**(5) 597-611.

- Lead article

Mukherjee, A.S., M.A. Lapré, L.N. Van Wassenhove. 1998. Knowledge driven quality improvement. *Management Science* **44**(11-2) S35-S49.

- A summary of the initial working paper appeared in Briefings from the Editors *Harvard Business Review* **74**(3) 9-10.

Book Chapters

Lapré, M.A., I.M. Nembhard. 2020. Deliberate learning. L. Argote, J.M. Levine, eds. *The Oxford Handbook of Group and Organizational Learning*. Oxford University Press, New York, 35-56.

Lapré, M.A. 2011. Inside the learning curve: Opening the black box of the learning curve. M.Y. Jaber, ed. *Learning Curves: Theory, Models, and Applications*. CRC Press, Boca Raton, 23-35.

Bohn, R.E., M.A. Lapré. 2011. Accelerated learning by experimentation. M.Y. Jaber, ed. *Learning Curves: Theory, Models, and Applications*. CRC Press, Boca Raton, 191-209.

Paper under Review

Lapré, M.A., E.M. Palazzolo. Quantifying the impact of imbalanced groups in FIFA Women's World Cup Tournaments 1991-2019. Second round review with *Journal of Quantitative Analysis in Sports*.

Working Paper

Zijlstra, F.S., M.A. Lapré, A.A. Alblas, F. Langerak. Inside the learning curve: The role of knowledge repositories in learning from after-sales services.

Work in Progress

Lapré, M.A., E.M. Palazzolo. The evolution of seeding systems and the impact of imbalanced groups in FIFA Men's World Cup Tournaments 1954-2018.

Lapré, M.A., I.M. Nembhard. Return on individual failure learning in Formula One.

Lapré, M.A., J. Noble. Should Formula One teams outsource development and manufacturing of engines?

Presentations at Conferences

Academy of Management, 1999

Carnegie School of Organizational Learning, 2018

Frontiers in Services Conference, 2000

INFORMS, 1995, 1996, 1998, 1999, 2000, 2004, 2005, 2008, 2011, 2016, 2018

MSOM, 2002

POMS, 2002, 2003, 2005, 2006, 2012, 2013, 2014, 2018, 2019, 2021

Wharton Technology Mini-conference, 2001, 2005

Wharton Workshop on Empirical Research in OM, 2012

Invited Talks

Boston University, School of Management, 1997

Emory University, Goizueta Business School, 2009

Georgetown University, McDonough School of Business, 2018

Georgia Institute of Technology, College of Management, 2008

Harvard Business School, 2012

INSEAD, 1998, 2003

Northeastern University, College of Business Administration, 1995

Northwestern University, Kellogg School, 2006

Southern Methodist University, Cox School, 2017

University of California at Los Angeles, Anderson School, 1996

University of California at San Diego, Rady School, 2011

University of Minnesota, Carlson School, 2006

University of North Carolina at Chapel Hill, Kenan-Fleglar School, 2009

University of Pennsylvania, Wharton School, 2006

University of Wisconsin-Madison, School of Business, 2001
Vanderbilt University, Medical Center, 2005
Vanderbilt University, Owen School, 1995, 2001

Courses Taught

Vanderbilt University, Undergraduate Business Minor

BUS 1700 Managing Operations

- New fundamentals course, 2017-*present*

Vanderbilt University, Owen Graduate School of Management

MGT 6371 Operations Management

- MBA core course, 2001-2011

MGT 6471 Sports Analytics

- New MBA elective, 2017-*present*

MGT 6473 Health Care Operations

- New MBA elective, 2008-2016

MGT 6479 Management of Service Operations

- Redesigned MBA elective, 2002-2017

MGT 6571 Service Operations Models

- Redesigned MBA elective, 2003-2007

EMGT 7779 Management of Service Operations

- Redesigned EMBA course, 2013-2014

EMGT 7871 Operations Management

- New MMHC course, 2009-*present*

EMGT 7878 Configuring and Optimizing Health Care Operations

- Redesigned MMHC course, 2015-2020

Vanderbilt Summer Business Institute

Operations Management

- New course for Accelerator Program, 2005-2006

Vanderbilt Executive Development Institute

Executing Delivery with Service Excellence

- Session in The Future of Health Care Delivery, 2015

ESC Rouen, France

Operations Management

- M.Sc. three-day course, 2003

Boston University, School of Management

OM 323 Operations Management

- BSBA core course, 1997-2000

QM 871 Modeling with Excel

- MBA elective, 1999-2000

IM 851 European Field Seminar

- New MBA elective, 1999-2000

Teaching Cases

Mukherjee, A.S., M.A. Lapré, L.N. Van Wassenhove. Bekaert: Beyond the Quality Prizes, INSEAD-CEDEP case 01/94-4253

Lapré, M.A. Nash Vegas Air, Vanderbilt University, Owen Graduate School of Management case

Professional Activities**Department Editor**

Production and Operations Management, 2006-2010

Senior Editor

Production and Operations Management, 2003-2007, 2011-present

Associate Editor

Management Science, 2009-2012

Manufacturing & Service Operations Management, 2007-2010

Guest Associate Editor

Management Science, 2013-2016

Manufacturing & Service Operations Management, 2011

Member of Editorial Boards

Foundations and Trends in Technology, Information and Operations Management, 2013-2021

Decision Sciences, 2005-2006

Operations Management Education Review, 2002-2009

Manufacturing & Service Operations Management, 2001-2002

Reviewer

Academy of Management Journal

California Management Review

Decision Sciences

European Journal of Operational Research

INFORMS Transactions on Education
International Journal of Production Economics
International Journal of Production Research
Journal of Operations Management
Management Science
Manufacturing & Service Operations Management
Operations Management Education Review
Organization Science
Production and Operations Management
Research Policy
Service Science
Strategic Management Journal

Chair Selection Committee

Wickham Skinner Best Unpublished Paper Award, POMS, 2009

Selection Committee

Wickham Skinner Best Published Paper Award, POMS, 2017
Wickham Skinner Early Career Research Award, POMS, 2014
Wickham Skinner Early Career Research Award, POMS, 2013

Vice President Meetings

POMS College “Product Innovation and Technology Management,” 2007
POMS College “Product Innovation and Technology Management,” 2006

Track Chair

MSOM General Track, INFORMS, 2016
Learning and Knowledge Management in OM, POMS, 2013
Product Innovation and Technology Management, POMS, 2007
Product Innovation and Technology Management, POMS, 2006

Organizer

Invited sessions/panels at INFORMS, 2001, and POMS, 2002, 2005, 2013, 2021

Panelist

Editorial Panels at POMS, 2007, 2013
Research in Learning and Knowledge Management in OM at POMS, 2002, 2013

Member

Institute for Operations Research and the Management Sciences (INFORMS)
Production and Operations Management Society (POMS)
Beta Gamma Sigma

Institutional Service

Vanderbilt University

Faculty marshal, 2019-present

Member Bass Military Scholars screening committee, 2021-present

Member undergraduate business minor governing board, 2017-2020

Owen – Operations Management and Quantitative Methods

Area coordinator Operations Management and Quantitative Methods, 2013-present

Organizer for Operations Management research seminars, 2005

Owen – Operations Management Faculty Recruiting

Chair Operations Management faculty recruiting committee, 2018-2019

Chair Operations Management faculty recruiting committee, 2016-2017

Chair Operations Management faculty recruiting committee, 2011-2012

Member Operations Management faculty recruiting committee, 2006

Member Operations Management faculty recruiting committee, 2005

Owen – Operations Management Faculty Review

Chair second year review committee Hallie Cho, 2022

Chair fourth year review committee Yasin Alan, 2016

Chair second year review committee Yasin Alan, 2014

Member tenure review committee Mümin Kurtuluş, 2013-2014

Chair fourth year review committee Mümin Kurtuluş, 2011

Owen

Member Owen strategy task force – faculty development, 2014

Member health care programs guidance committee, 2010-present

Member health care faculty recruiting committee, 2010-2014

Member faculty strategy committee, 2010

Member student achievement and performance committee, 2010

Member Accelerator program guidance committee, 2010

Member curriculum committee MBA program, 2007

Member core curriculum review committee MBA program, 2006

Boston University, School of Management

Chair Operations Management faculty recruiting committee, 2000

Chair Operations Management faculty recruiting committee, 1999

Liaison for doctoral students in the Operations Management department, 1999-2001

Department representative on the DBA Program Development Committee, 1999-2001

Served on doctoral dissertation committees

Served on DBA qualifying exam committees

Course coordinator for OM 323 Operations Management core course, 1998-2001

Member SM 323 cross-functional core design team, 1998-2001

Liaison for undergraduate students concentrating in Operations Management, 1998-2001

Personal

Dual citizenship: Netherlands and USA

Marital status: Married, two children

Languages: Dutch, English, French

Personal interests: biking, snorkeling, support Vanderbilt soccer

Fun fact: I coached my daughter's Double Dutch jump rope team to back-to-back
Grand National Championships in 2018 and 2019

<https://www.youtube.com/watch?v=H9iySSsXIDA>