

# Michael A. Lapré

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Owen Graduate School of Management  
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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

- 2007-present    **E. Bronson Ingram Associate Professor of Operations Management,**  
Vanderbilt University, Owen Graduate School of Management.
- 2006-present    **Associate Professor of Operations Management (with tenure),** 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 – 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Wickham Skinner Award for Best Unpublished Paper presented at the *POMS* conference in 2005 – Runner Up

Wickham Skinner Award for Best Unpublished Paper presented at the *POMS* conference in 2003 – First Prize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

*Production and Operations Management* Recognition for Outstanding Work Performed as a Department Editor (2015)

*Management Science* Meritorious Service Award (2011)

*M&SOM* Meritorious Service Award (2008)

## Articles in Refereed Journals

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
- 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. Forthcoming. Deliberate learning. L. Argote, J. Levine, eds. *Handbook of Group and Organizational Learning*. Oxford University Press.

- Published online June 2017. DOI: 10.1093/oxfordhb/9780190263362.013.25

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.

## Working Papers

Moore, D.W., M.A. Lapré. The impact of tightly-coupled team familiarity and learning-curve heterogeneity on orthopedic procedure times.

Lapré, M.A., Y. Alan, G.D. Scudder. A longitudinal analysis of operating profitability in the U.S. airline industry, 1988-2011.

## **Work in Progress**

Lapr , M.A., C. Cravey. Learning from success and failure at the speed of Formula One: Driver versus team experience.

## **Presentations at Conferences**

Academy of Management, 1999  
Carnegie School of Organizational Learning, 2018 (scheduled)  
Frontiers in Services Conference, 2000  
INFORMS, 1995, 1996, 1998, 1999, 2000, 2004, 2005, 2008, 2011, 2016,  
2018 (scheduled)  
MSOM, 2002  
POMS, 2002, 2003, 2005, 2006, 2012, 2013, 2014, 2018 (scheduled)  
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  
Georgia Institute of Technology, College of Management, 2008  
Georgetown University, McDonough School of Business, 2018 (scheduled)  
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 2700 Managing Operations

**Vanderbilt University, Owen Graduate School of Management**

MGT 6371 Operations Management (MBA)  
MGT 6471 Sports Analytics (MBA)  
MGT 6473 Health Care Operations (MBA)  
MGT 6479 Management of Service Operations (MBA)  
MGT 6571 Service Operations Models (MBA)  
EMGT 7779 Management of Service Operations (EMBA)  
EMGT 7871 Managerial Operations (MMHC)  
EMGT 7878 Configuring and Optimizing Health Care Operations (MMHC)

**Vanderbilt Summer Business Institute**

Operations Management (Accelerator Program)

**Vanderbilt Executive Development Institute**

Executing Delivery with Service Excellence (The Future of Health Care Delivery)

**ESC Rouen, France**

Operations Management (M.Sc.) – Three day course

**Boston University, School of Management**

OM 323 Operations Management (BSBA)  
QM 871 Modeling with Excel (MBA)  
IM 851 European Field Seminar (MBA)

**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**

*Decision Sciences* (2005-2006)

*Foundations and Trends in Technology, Information and Operations Management* (2013-present)

*Manufacturing & Service Operations Management* (2001-2002)

*Operations Management Education Review* (2002-2009)

**Reviewer**

*Academy of Management Journal*

*California Management Review*

*Decision Sciences*

*European Journal of Operational Research*

*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*

**Chair Selection Committee**

Wickham Skinner Best Unpublished Paper Award, POMS (2009)

**Selection Committee**

Wickham Skinner Early Career Research Award, POMS (2013, 2014)

Wickham Skinner Best Published Paper Award, POMS (2017)

**Vice President Meetings**

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

**Track Chair**

Product Innovation and Technology Management, POMS (2006, 2007)

Learning and Knowledge Management in OM, POMS (2013)

MSOM General Track, INFORMS (2016)

**Organizer**

Invited sessions/panels at INFORMS (2001), POMS (2002, 2005, 2013)

**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****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 Review**

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 – Operations Management Faculty Recruiting**

Chair Operations Management faculty recruiting committee (2016-2017)

Chair Operations Management faculty recruiting committee (2011-2012)

Member Operations Management faculty recruiting committee (2005, 2006)

**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)

**Vanderbilt University**

Member Business Minor Governing Board (2017-present)

**Boston University, School of Management**

Chair Operations Management faculty recruiting committee (1999, 2000)

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 (Joon Choi, Nikos Tsikriktsis)  
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**

Citizenship: Dutch  
Visa status: US resident  
Marital status: Married, two children  
Languages: Dutch, English, French  
Personal interests: coach Double Dutch jump rope, European-style board games