

# Michael A. Lapré

Vanderbilt University  
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

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Wickham Skinner Award for Best Unpublished Paper presented at the *POMS* conference in 2005 – Runner Up

Wickham Skinner Award for Best Unpublished Paper presented at the *POMS* conference in 2003 – First Prize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

Lapr , M.A., E.M. Palazzolo. 2023. The evolution of seeding systems and the impact of imbalanced groups in FIFA Men’s World Cup Tournaments 1954-2022. *Journal of Quantitative Analysis in Sports* **19**(4) 317-332.

Lapr , M.A., C. Cravey. 2022. When success is rare and competitive: Learning from others’ success and my failure at the speed of Formula One. *Management Science* **68**(12) 8741-8756.

Lapr , M.A., E.M. Palazzolo. 2022. Quantifying the impact of imbalanced groups in FIFA Women’s World Cup Tournaments 1991-2019. *Journal of Quantitative Analysis in Sports* **18**(3) 187-199.

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

Lapr , 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

Lapr , 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

Lapr , 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.

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

Lapr , 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

Lapr , 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

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

Pek z, E.A., M.A. Lapr . 2001. Inequalities for queues with a learning server. *Queueing Systems* **37**(4) 337-347.

- Lead article

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

- Lead article

Lapr , 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. Lapr , 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.

## Invited Book Chapters

Lapr , M.A. Forthcoming. Learning from own and others' success and failure: It depends on the context. K.B. Dahlin, Y. Chuang, eds. *Everybody Fails, But Not Everybody Learns*. Oxford University Press.

Lapr , 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.

Lapr , 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.

## **Conference Proceedings**

Lapré, M.A., E.M. Palazzolo. 2023. Does draft currency promote competitive balance? An empirical investigation of the National Football League 2002-2021. *10th MathSport International Conference 2023 Proceedings*, 69-74.

## **Paper under Revision**

Lapré, M.A., E.M. Palazzolo. Does draft currency promote competitive balance? An empirical investigation of the National Football League 2002-2021.

## **Work in Progress**

Lapré, M.A., J.G. Amato. The impact of imbalanced groups in UEFA Euro 1980–2020 and comparison with the FIFA World Cup.

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

Lapré, M.A. 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, 2022, 2023

MathSport International Conference, 2023

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

Lapr , 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*

*International Journal of Sports Science & Coaching*

*Journal of Operations Management*

*Journal of Sports Economics*

*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

**Doctoral Dissertation Committee Member**

Fédde Zijlstra, Eindhoven University of Technology, the Netherlands, 2022

**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 Recruiting**

Member Operations Management faculty recruiting committee, 2023-2024

Chair Operations Management faculty recruiting committee, 2022-2023

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 fourth year review committee, 2024

Chair faculty tenured appointment committee, 2023

Member fourth year review committee, 2023

Chair second year review committee, 2022

Chair fourth year review committee, 2016

Chair second year review committee, 2014

Member tenure review committee, 2013-2014

Chair fourth year review committee, 2011

**Owen**

Member undergraduate business minor advisory committee, 2024-present

Member Owen strategy task force – faculty development, 2014

Member health care programs guidance committee, 2010-2023

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**

Faculty marshal, 2019-present  
Member Bass Military Scholars screening committee, 2021-present  
Member undergraduate business minor governing board, 2017-2020

### **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>