

# Curriculum Vitae

Alexandre Medeiros Rodrigues, Ph.D.

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## Short Bio



**Alexandre M. Rodrigues** (PhD Michigan State University) is a Senior Lecturer of Supply Chain Management in the Haslam College of Business at the University of Tennessee, Knoxville. Dr. Rodrigues has published in supply chain management and logistics journals. He is co-author of the book *Business Logistics: The Brazilian Perspective*. He has also acted as the chief editor of the journal *Latin American Business Review* between 2012 and 2014. His teaching and research interests involve: Global logistics strategy and operations; Global/National logistics expenditures and performance indexes; Humanitarian/disaster relief logistics; Supply chain disruptions; Inventory strategy and deployment; and Empirical/theoretical modeling of supply chains.

## Short Summary

Dr. Rodrigues received his PhD degree in Supply Chain Management in 2004 at the Broad Graduate School of Management, Michigan State University, USA. His MSc degree in Industrial Engineering was obtained in 1999 at the Federal University of Rio de Janeiro (UFRJ), Brazil. This is the same knowledge area and institution where he obtained his BSc degree in 1996. Dr. Rodrigues is currently a Senior Lecturer of Supply Chain Management in the Haslam College of Business at the University of Tennessee, Knoxville. Previously, between 2009 and 2014, he worked as the Professor of Supply Chain Management at the COPPEAD Graduate School of Management, part of UFRJ. He worked as a visiting professor between 2007 and 2009 at the Supply Management Institute, part of the European Business School, Germany. Between 2004 and 2007, Dr. Rodrigues worked as an Assistant Professor of Supply Chain Management at Michigan State University. Current activities include the development of academic research, publication of scientific articles in specialized journals, and teaching/education at the graduate, undergraduate and executive levels. Primary research interests lie in the theory-based empirical studies in supply chain management. More specifically, his research interest areas are: Global logistics strategy and operations; Global/National logistics expenditures and performance indexes; Humanitarian/disaster relief logistics; Supply chain disruptions; Inventory strategy and deployment; and Empirical/theoretical modeling of supply chains. In terms of methodological areas, his interests are: simulation modeling, optimization, neural networks, data envelopment analysis, and structural equation modeling. He is one of the authors of the book *Business Logistics: The Brazilian Perspective*. He has published articles in the *Journal of Business Logistics* and the *Journal of Supply Chain Management*, in addition to conference proceedings, specialized logistics magazines and business newspapers. Dr. Rodrigues has also acted as the chief editor of the journal *Latin American Business Review* between 2012 and 2014.

## Formal Education

<b>2000-2004</b>	<p><b>PhD in Business Administration</b>  <b>(Major: Operations and Sourcing Management)</b>          Michigan State University, MSU, East Lansing, United States          PhD Dissertation Title: Simulation of the Impact of Forecasting Accuracy on Supply Chain Performance: The Bias Effect, Year of degree: 2004          Advisor: David J. Closs</p>
<b>1997-1999</b>	<p><b>MSc in Industrial Engineering</b>  <b>(Major: Operations Research and Industrial Management)</b>          Universidade Federal do Rio de Janeiro, UFRJ, Rio De Janeiro, Brazil          MSc Thesis Title: Data Mining: Uma Proposta de Classificação (Data Mining: A Classification Proposal), Year of degree: 1999          Advisor: Marcos Cavalcanti          Scholarship from : Conselho Nacional de Desenvolvimento Científico e Tecnológico</p>
<b>1992-1996</b>	<p><b>BSc in Industrial Engineering</b>          Universidade Federal do Rio de Janeiro, UFRJ, Rio De Janeiro, Brazil          BSc Thesis Title: Simulação para Estudo de Políticas de Estoque de Containers (Simulation of Inventory Policies for Maritime Shipping Containers)          Advisor: Eduardo Saliby</p>

## Professional Experience

<b>2014-Current</b>	The University of Tennessee	Position: Full Time Lecturer of Supply Chain Management , Working hours (weekly): 40, Schemes of job: Fulltime and exclusiveness
<b>2009-2014</b>	Universidade Federal do Rio de Janeiro	Position: Full Professor Supply Chain Management , Working hours (weekly): 40, Schemes of job: Fulltime and exclusiveness
<b>2007-2009</b>	European Business School	Position: Visiting Professor of Supply Chain Management , Working hours (weekly): 20, Schemes of job: Part time
<b>2004-2007</b>	Michigan State University	Position: Assistant Professor , Working hours (weekly): 40, Schemes of job: Fulltime and exclusiveness
<b>2000-2004</b>	Michigan State University	Position: PhD Candidate , Working hours (weekly): 20, Schemes of job: Fulltime and exclusiveness
<b>1995-1999</b>	Universidade Federal do Rio de Janeiro	Position: Research Associate COPPEAD , Working hours (weekly): 40, Schemes of job: Fulltime and exclusiveness

## Academic Experience

### Articles Published in Scientific Journals

1. Castillo, Vincent E.; Bell, John E.; Rose, William J.; Rodrigues, Alexandre M.; *Crowdsourcing Last Mile Delivery: Strategic Implications and Future Research Directions*. Journal of Business Logistics, Vol.39, Issue 1, P.7-25, 2018.
2. Kusaba, Keiko; Moser, Roger; Rodrigues, Alexandre Medeiros; *Low Cost Country Sourcing Competence: A Conceptual Framework and Empirical Analysis*. The Journal of Supply Chain Management. , V.47, P.73-93, 2011.
3. Ross, Anthony D.; Jayaraman, Vaidyanathan; Rodrigues, Alexandre Medeiros; Mollenkopf, Diane A.; *Repositioning of Reusable Containers in a Sustainable Global Supply Chain Environment*. International Journal of Mathematics in Operational Research. , V.2, P.178-204, 2010.
4. Wanke, Peter F.; Arkader, Rebecca; Rodrigues, Alexandre Medeiros; *A Study into The Impacts on Retail Operations Performance of Key Strategic Supply Chain Decisions*. International Journal of Simulation and Process Modelling. , V.4, P.106-118, 2008.
5. Rodrigues, Alexandre Medeiros; Nyaga, Gilbert; Closs, David; Calantone, Roger; *The Impact of Demand Uncertainty and Configuration Capacity on Customer Service Performance in a Configure to Order Environment*. Journal of Business Logistics. , V.28, P.83-104, 2007.
6. Rodrigues, Alexandre Medeiros; Bowersox, Donald; Calantone, Roger; *Estimation of Global and National Logistics Expenditures: 2002 Data Update*. Journal of Business Logistics. , V.26, P.1-16, 2005.
7. Rodrigues, Alexandre Medeiros; Stank, Theodore; Lynch, Daniel; *Linking Strategy, Structure, Process, and Performance In Integrated Logistics*. Journal of Business Logistics. , V.25, P.65-94, 2004.
8. Rodrigues, Alexandre Medeiros; Bowersox, Donald; Calantone, Roger; *Estimation of Global Logistics Expenditures Using Neural Networks*. Journal of Business Logistics. , V.24, P.21-36, 2003.

### Book Chapters

1. Melnyk, Steve; Rodrigues, Alexandre Medeiros; Ragatz, Gary; *Using Simulation to Investigate Supply Chain Disruptions* In: Supply Chain Risk: A Handbook of Assessment, Management, and Performance ed. New York: Springer, P.103-122, 2009.
2. Rodrigues, Alexandre Medeiros; Melnyk, Steve; Zsidisin, George; *Supply Side Supply Chain Disruptions Does Location Matter?* In: Innovative Logistics Management Competitive Advantages through New Processes and Services. Erich Schmidt Verlag GmbH & Co KG, 2007.
3. Rodrigues, Alexandre Medeiros; *Data Mining in Retail Operations* In: Logistica Empresarial: A Perspectiva Brasileira ed. Sao Paulo: Atlas, P.314-321, 2000.

### Conference Proceedings

1. Freires, Francisco Gaudêncio Mendonça; Marinho, Sidnei Vieira; Rodrigues, Alexandre Medeiros; *Physical product properties and their relationship to reverse logistics systems efficiency and effectiveness* In: 4th World P&OM Conference / 19th International Annual EurOMA Conference, 2012, Amsterdam. 4th World P&OM Conference / 19th International Annual EurOMA Conference, 2012.
2. Rodrigues, Alexandre Medeiros; Zsidisin, George; Melnyk, Steve; *How Lean is Too Lean? Using Simulation based Experiments to Assess the Impact of Supply Side Supply Chain Disruptions on 'Lean' Supply Chains* In: North American Research/Teaching Symposium on Purchasing and Supply Chain Management, 2007, Tempe. 18th Annual North American Research/Teaching Symposium on Purchasing and Supply Chain Management Proceedings, 2007.
3. Rodrigues, Alexandre Medeiros; Melnyk, Steve; Zsidisin, George; *Supply Side Supply Chain Disruptions Does Location Matter?* In: Hamburg International Conference of Logistics, 2007, Hamburg. Hamburg International Conference of Logistics Proceedings, 2007.

4. Rodrigues, Alexandre Medeiros; Bowersox, Donald; Calantone, Roger; *Estimation of Global Logistics Expenditures: Current Update* In: International Symposium on Logistics, 2005, Lisboa. 10th International Symposium on Logistics Proceedings, 2005.
5. Rodrigues, Alexandre Medeiros; Mollenkopf, Diane; Ross, Anthony; Jayaraman, Vaidyanathan; *Synchronizing Demand and Supply: Managing the Return and Repositioning of Shipping Containers* In: Production and Operations Management Society (POMS) Annual Conference, 2005, Chicago. 16th POMS Annual Conference Proceedings, 2005.
6. Closs, David; Rodrigues, Alexandre Medeiros; Stank, Theodore; *Coordinating Production and Inventory Planning Strategies to Improve Supply Chain Performance* In: Council of Logistics Management Annual Conference, 2003, Chicago. Council of Logistics Management Annual Conference Proceedings, 2003
7. Rodrigues, Alexandre Medeiros; *Efficient Consumer Response (ECR) and Just in Time (JIT): Different Concepts?* In: Midwest Decision Sciences Institute Conference, 2001, Dearborn. Midwest Decision Sciences Institute Conference Proceedings, 2001.
8. Rodrigues, Alexandre Medeiros; Saliby, Eduardo; *Using Simulation to Design Oil Distribution Terminals* In: Congresso Latino Americano de Investigación Operacional, 1998, Buenos Aires. IX CLAIO Congresso Latino Americano de Investigación Operacional, 1998.

### Articles in Magazines / Popular Press

1. Rodrigues, Alexandre Medeiros; *Logistics in Crisis Situations: Part 1 Academic Framework*. Revista Tecnológica. São Paulo, 2013.
2. Rodrigues, Alexandre Medeiros; *Logistics in Crisis Situations: Part 2 Process and Performance*. Revista Tecnológica. São Paulo, 2013.
3. Rodrigues, Alexandre Medeiros; *Warehousing Picking Strategies*. Revista Tecnológica. Sao Paulo, 1999.
4. Rodrigues, Alexandre Medeiros; *Using Data Mining to Leverage Customer Service*. Revista Tecnológica. Sao Paulo, 1998.

### Academic Advising

#### Ph.D. Dissertation: Primary Advisor

1. Artur Moreira. Strategic Alignment between Processes and Performance for the Humanitarian Brazilian System in Crisis Situations. 2012. Thesis (Administration) Universidade Federal do Rio de Janeiro
2. Gustavo Bittencourt. Frontiers of Integration for Efficiency and Effectiveness via Performance Measurement Systems. 2012. Thesis (Administration) Universidade Federal do Rio de Janeiro

#### Ph.D. Dissertation: Secondary Advisor

1. Gilbert N Nyaga. An Investigation of the Simultaneous Impact of Launch and Logistics Strategies on New Product Performance. 2006. Thesis (Supply Chain Management) Michigan State University
2. Karijn G Nijhoff. Moving to a Welfare State: Economic Mobility Compared Surinamese in Amsterdam and Puerto Ricans in New York City. 2006. Thesis (Sociology) Michigan State University

#### MSc Thesis: Primary Advisor

1. Jose Renato de Paiva Michelotto. Gestão Estratégica De Estoques: Alinhamento Entre Demanda E Suprimentos No Sistema De Abastecimento Da Marinha. 2015. Universidade Federal do Rio de Janeiro
2. Guido Maculan. Logistics in Crisis Situations: Utilization of System Modeling for Scenario Analysis of Resources. 2014. Universidade Federal do Rio de Janeiro
3. Marcelo Guttler. Effectiveness and Efficiency for Football Sports Management: Data Envelopment Analysis utilization for Strategic Decision Making. 2013. Universidade Federal do Rio de Janeiro
4. Marta Paiva Garcia. Dynamic Measurement System for Logistics in Crisis Situation. 2013. Universidade Federal do Rio de Janeiro

5. Aline Stange. Reverse Logistics Management: An Investigation in the Brazilian Mobile Phone Industry. 2012. Universidade Federal do Rio de Janeiro
6. Luiza de Castro Ferreira da Silva. Humanitarian Logistics Management: Proposal of a Conceptual Framework. 2011. Universidade Federal do Rio de Janeiro
7. Ilidio Zacarias Goenha. A Multiple Regression Estimation of National Logistics Expenditures. 2006. MSc Thesis (Marketing and Supply Chain Management) Michigan State University

#### BSc Thesis: Primary Advisor

1. Clay Edward Daniel. Disaster Relief Logistics: An Academic Framework Evaluation of the 2016 Great Smoky Mountain Wildfires. 2017. University of Tennessee, Chancellor's Honors Program Projects.
2. Beatriz Guilherme Dias. Strategic Alignment for Humanitarian Logistics Resources: The Brazil Mission in Haiti. 2014. Universidade Federal do Rio de Janeiro

#### Teaching Activity

##### Undergraduate Courses

1. UTK - SCM 312 - Supply Chain Analytics - section 001 (Spring 2020)
2. UTK - SCM 312 - Supply Chain Analytics - section 002 (Spring 2020)
3. UTK - SCM 411 - Supply Chain Modeling/Analysis - section 001 (Fall 2019)
4. UTK - SCM 411 - Supply Chain Modeling/Analysis - section 002 (Fall 2019)
5. UTK - SCM 411 - Supply Chain Modeling/Analysis - section 301 (Summer 2019)
6. UTK - SCM 413 - Supply Chain Operations - section 001 (Summer 2019)
7. UTK - SCM 312 - Supply Chain Analytics - section 003 (Spring 2019)
8. UTK - SCM 411 - Supply Chain Modeling/Analysis - section 001 (Spring 2019)
9. UTK - SCM 312 - Supply Chain Analytics - section 003 (Fall 2018)
10. UTK - SCM 411 - Supply Chain Modeling/Analysis - section 001 (Fall 2018)
11. UTK - SCM 411 - Supply Chain Modeling/Analysis - section 002 (Fall 2018)
12. UTK - SCM 411 - Supply Chain Modeling/Analysis - section 301 (Summer 2018)
13. UTK - SCM 413 - Supply Chain Operations - section 001 (Summer 2018)
14. UTK - SCM 460 - Global Strategy/Supply Chain Management - section 301 (Summer 2018)
15. UTK - SCM 312 - Supply Chain Analytics - section 003 (Spring 2018)
16. UTK - SCM 312 - Supply Chain Analytics - section 005 (Spring 2018)
17. UTK - SCM 411 - Supply Chain Modeling/Analysis - section 001 (Spring 2018)
18. UTK - SCM 312 - Supply Chain Analytics - section 003 (Fall 2017)
19. UTK - SCM 411 - Supply Chain Modeling/Analysis - section 001 (Fall 2017)
20. UTK - SCM 411 - Supply Chain Modeling/Analysis - section 002 (Fall 2017)
21. UTK - SCM 312 - Supply Chain Analytics - section 002 (Summer 2017)
22. UTK - SCM 411 - Supply Chain Modeling/Analysis - section 001 (Summer 2017)
23. UTK - SCM 312 - Supply Chain Analytics - section 001 (Spring 2017)
24. UTK - SCM 312 - Supply Chain Analytics - section 002 (Spring 2017)
25. UTK - SCM 411 - Supply Chain Modeling/Analysis - section 001 (Spring 2017)
26. UTK - SCM 411 - Supply Chain Modeling/Analysis - section 001 (Fall 2016)
27. UTK - SCM 312 - Supply Chain Analytics - section 003 (Fall 2016)
28. UTK - SCM 460 - Global Strategy/Supply Chain Management - section 301 (Summer 2016)
29. UTK - SCM 411 - Supply Chain Modeling/Analysis - section 301 (Summer 2016)
30. UTK - SCM 411 - Supply Chain Modeling/Analysis - section 001 (Spring 2016)
31. UTK - SCM 411 - Supply Chain Modeling/Analysis - section 003 (Spring 2016)
32. UTK - SCM 460 - Global Strategy/Supply Chain Management - section 002 (Spring 2016)
33. UTK - SCM 411 - Supply Chain Modeling/Analysis - section 001 (Fall 2015)

34. UTK - SCM 411 - Supply Chain Modeling/Analysis - section 002 (Fall 2015)
35. UTK - SCM 411 - Supply Chain Modeling/Analysis - section 003 (Fall 2015)
36. UTK - SCM 411 - Supply Chain Modeling/Analysis - section 301 (Summer 2015)
37. UTK - SCM 460 - Global Strategy/Supply Chain Management - section 301 (Summer 2015)
38. UTK - SCM 460 - Global Strategy/Supply Chain Management - section 002 (Spring 2015)
39. UTK - SCM 411 - Supply Chain Modeling/Analysis - section 001 (Spring 2015)
40. UTK - SCM 411 - Supply Chain Modeling/Analysis - section 002(Spring 2015)
41. UTK - SCM 411 - Supply Chain Modeling/Analysis - section 003 (Spring 2015)
42. UTK - SCM 411 - Supply Chain Modeling/Analysis - section 002 (Fall 2014)
43. UTK - SCM 460 - Global Strategy/Supply Chain Management - section 001 (Fall 2014)
44. UTK - SCM 460 - Global Strategy/Supply Chain Management - section 003(Fall 2014)
45. UFRJ - ADM 350 - Operações e Logística (Spring 2014)
46. UFRJ - ADM 350 - Operações e Logística (Fall 2013)
47. UFRJ - ADM 350 - Operações e Logística (Spring 2013)
48. UFRJ - ADM 350 - Operações e Logística (Fall 2012)
49. UFRJ - ADM 350 - Operações e Logística (Spring 2012)
50. MSU - MSC 373 - Logistics and Transportation Management - section 001 (Fall 2007)
51. MSU - MSC 373 - Logistics and Transportation Management - section 002 (Fall 2007)
52. MSU - MSC 373 - Logistics and Transportation Management - section 001 (Fall 2006)
53. MSU - MSC 373 - Logistics and Transportation Management - section 002 (Fall 2006)
54. MSU - MSC 470 - Supply Chain Applications and Policy - section 004 (Spring 2006)
55. MSU - MSC 373 - Logistics and Transportation Management - section 001 (Fall 2005)
56. MSU - MSC 373 - Logistics and Transportation Management - section 002 (Fall 2005)
57. MSU - MSC 373 - Logistics and Transportation Management - section 003 (Fall 2005)
58. MSU - MSC 305 - Supply Chain Management - section 002 (Spring 2005)
59. MSU - MSC 470 - Supply Chain Applications and Policy - section 004 (Spring 2005)
60. MSU - MSC 305 - Supply Chain Management - section 002 (Fall 2004)
61. MSU - MSC 305 - Supply Chain Management - section 101 (Summer 2004)
62. MSU - MSC 470 - Supply Chain Applications and Policy - section 004 (Spring 2004)
63. MSU - MSC 470 - Supply Chain Applications and Policy - section 001 (Spring 2003)
64. MSU - MSC 470 - Supply Chain Applications and Policy - section 002 (Spring 2003)

#### Graduate Courses

1. UTK - SCM 572 - Innovation and Risk Management - section 301 (Fall 2019)
2. UTK - SCM 572 - Innovation and Risk Management - section 301 (Fall 2018)
3. UFRJ - ADM 761 - Administração da Cadeia de Suprimentos (Spring 2014)
4. UFRJ - ADM 863 - Metodologia de Pesquisa (Spring 2014)
5. UFRJ - ADM 795 - Business Logistics (Fall 2013)
6. UFRJ - ADM 796 - International Logistics (Fall 2013)
7. UFRJ - ADM 863 - Metodologia de Pesquisa (Fall 2013)
8. UFRJ - ADM 761 - Administração da Cadeia de Suprimentos (Spring 2013)
9. UFRJ - ADM 704 - Seminário de Pesquisa I (Fall 2012)
10. UFRJ - ADM 795 - Business Logistics (Fall 2012)
11. UFRJ - ADM 796 - International Logistics (Fall 2012)
12. UFRJ - ADM 863 - Metodologia de Pesquisa (Fall 2012)
13. UFRJ - ADM 761 - Administração da Cadeia de Suprimentos (Spring 2012)
14. UFRJ - ADM 795 - Business Logistics (Fall 2011)
15. UFRJ - ADM 796 - International Logistics (Fall 2011)

16. UFRJ - ADM 761 - Administração da Cadeia de Suprimentos (Spring 2011)
17. UFRJ - ADM 704 - Seminário de Pesquisa I (Fall 2010)
18. UFRJ - ADM 795 - Business Logistics (Fall 2010)
19. UFRJ - ADM 796 - International Logistics (Fall 2010)
20. UFRJ - ADM 796 - International Logistics (Fall 2009)
21. MSU - MSC 878 - Logistics Systems Analysis (Summer 2007)
22. MSU - MSC 879 - Logistics Strategy Integration (Summer 2007)
23. MSU - MSC 931 - Simulation Research in Marketing and Supply Chain (Spring 2007)
24. MSU - MSC 878 - Logistics Systems Analysis (Summer 2006)
25. MSU - MSC 879 - Logistics Strategy Integration (Summer 2006)
26. MSU - MSC 879 - Logistics Strategy Integration (Summer 2005)
27. MSU - MSC 879 - Logistics Strategy Integration (Summer 2004)
28. MSU - MSC 931 - Simulation Research in Marketing and Supply Chain (Spring 2004)
29. MSU - MSC 879 - Logistics Strategy Integration (Summer 2003)

#### Executive Education / MBA Seminars

1. UTK - Global Supply Chain Executive MBA – EPIC Framework (2019)
2. UTK - Global Supply Chain Executive MBA – EPIC Framework (2018)
3. UTK - Global Supply Chain Executive MBA – EPIC Framework (2017)
4. UTK - Global Supply Chain Executive MBA – EPIC Framework (2016)
5. UTK - Global Supply Chain Executive MBA – EPIC Framework (2015)
6. UFRJ / AUDENCIA - Global Logistics and The Brazilian Perspective (2013)
7. UFRJ / COPPEAD MARKETING - Supply Chain Logistics Management (2013)
8. UFRJ / EGN - ESCOLA DE GUERRA NAVAL CEMOS - Logistics in Crisis Situations (2013)
9. UNIVERSITY OF ARKANSAS - Global Logistics and The Brazilian Perspective (2013)
10. UFRJ / AUDENCIA - Global Logistics and The Brazilian Perspective (2012)
11. UFRJ / COPPEAD MARKETING - Supply Chain Logistics Management (2012)
12. UFRJ / EGN - ESCOLA DE GUERRA NAVAL CEMOS - Logistics in Crisis Situations (2012)
13. UFRJ / GSU - GEORGIA STATE UNIVERSITY GLOBAL PARTNERS MBA - Global Operations and Logistics (2012)
14. UFRJ / MPX ENERGIA - Logistics and Supply Chain Management (2012)
15. UFRJ / PETROBRAS - Supply Chain Management Strategy (2012)
16. AMCHAM São Paulo Brazil - Supply Chain Visibility, Collaboration, and Integration (2011)
17. UFRJ / AUDENCIA - Global Logistics and The Brazilian Perspective (2011)
18. UFRJ / COPPEAD ALUMNI - Logistics in Crisis Situations (2011)
19. UFRJ / EGN - ESCOLA DE GUERRA NAVAL CEMOS - Logistics in Crisis Situations (2011)
20. UFRJ / GSU - GEORGIA STATE UNIVERSITY GLOBAL PARTNERS MBA - Global Operations and Logistics (2011)
21. UFRJ / OI GESTÃO EM SERVIÇOS - Queue Theory and Simulation (2011)
22. UFRJ / AUDENCIA - Global Logistics and The Brazilian Perspective (2010)
23. UFRJ / COPPEAD LOGÍSTICA - Transportation Management (2010)
24. UFRJ / COPPEAD LOGÍSTICA - International Logistics (2010)
25. UFRJ / COPPEAD LOGÍSTICA - Logistics Redesign Plan (2010)
26. UFRJ / COPPEAD MARKETING - Supply Chain Logistics Management (2010)
27. UFRJ / ESG - ESCOLA SUPERIOR DE GUERRA CAEPE- Business Logistics (2010)
28. UFRJ / GSU - GEORGIA STATE UNIVERSITY GLOBAL PARTNERS MBA - Global Operations and Logistics (2010)
29. MSU / ILOS - INSTITUTO DE LOGÍSTICA E SUPPLY CHAIN - Global Supply Chain Management (2010)
30. UFRJ / PETROBRAS - Supply Chain Management Strategy (2010)
31. UFRJ / EGN - ESCOLA DE GUERRA NAVAL SPOLM Workshop: Supply Chain Logistics Management (2010)
32. UFRJ / DELFT UNIVERSITY OF TECHNOLOGY - Global Logistics and The Brazilian Perspective (2010)

33. UFRJ / AUDENCIA - Global Logistics and The Brazilian Perspective (2009)
34. UFRJ / COPPEAD LOGÍSTICA - International Logistics (2009)
35. MSU / ILOS - INSTITUTO DE LOGÍSTICA E SUPPLY CHAIN - Warehousing Strategy Management (2008)
36. MSU / ILOS - INSTITUTO DE LOGÍSTICA E SUPPLY CHAIN - Global Supply Chain Management (2008)
37. MSU / ILOS - INSTITUTO DE LOGÍSTICA E SUPPLY CHAIN - Operational Integration (2008)
38. MSU / ILOS - INSTITUTO DE LOGÍSTICA E SUPPLY CHAIN - Integrated Logistics (2008)
39. MSU / CONWAY - Internationalizing the Supply Chain (2007)
40. MSU / CONWAY - LOGA Logistics Game (2007)
41. MSU / IBM - LOGA Logistics Game (2007)
42. MSU / ILOS - INSTITUTO DE LOGÍSTICA E SUPPLY CHAIN - Warehousing, Packaging, and Materials Handling (2007)
43. MSU / ILOS - INSTITUTO DE LOGÍSTICA E SUPPLY CHAIN - Operational Integration (2007)
44. MSU / ILOS - INSTITUTO DE LOGÍSTICA E SUPPLY CHAIN - Integrated Logistics (2007)
45. MSU / ILOS - INSTITUTO DE LOGÍSTICA E SUPPLY CHAIN - Global Logistics (2007)
46. MSU / ILOS - INSTITUTO DE LOGÍSTICA E SUPPLY CHAIN - LOGA Logistics Game (2007)
47. MSU / MASCO - Global Logistics (2007)
48. MSU / STEELCASE - Supply Chain Globalization (2007)
49. MSU / ILOS - INSTITUTO DE LOGÍSTICA E SUPPLY CHAIN - Global Logistics (2006)
50. MSU / ILOS - INSTITUTO DE LOGÍSTICA E SUPPLY CHAIN - LOGA Logistics Game (2006)
51. MSU / STEELCASE - Supply Chain Globalization (2006)
52. MSU / ILOS - INSTITUTO DE LOGÍSTICA E SUPPLY CHAIN - Global Logistics (2005)
53. MSU / ILOS - INSTITUTO DE LOGÍSTICA E SUPPLY CHAIN LOGA - Logistics Game (2005)
54. MSU / KERR MCGEE - LOGA Logistics Game (2005)
55. MSU / STEELCASE - Forecasting and Demand Management (2005)
56. MSU / STEELCASE - Supply Chain Globalization (2005)
57. MSU / SIEMENS - LOGA Logistics Game (2002)
58. MSU / SIEMENS - LOGA Logistics Game (2000)



## RECOGNIZED TEACHING

2016 F. Perry and Elaine Ozburn Award for Excellence in Teaching – Department of Marketing and Supply Chain Management, Haslam College of Business, The University of Tennessee

## SERVICE

### INSTITUTIONAL SERVICE, UNIVERSITY OF TENNESSEE

2017 – 2021 Faculty Senate Representative

2017 – 2021 Faculty Senate Committee: Traffic & Parking Authority

2018 – 2021 Faculty Senate Committee: Budget and Planning

2017 Chancellor’s Honors Program Mentor

2018 – 2019 Study Abroad Program: Global Supply Chain Operations in Panama (Panama City, Panama)

### INSTITUTIONAL SERVICE, HASLAM COLLEGE OF BUSINESS

2017 – 2020 Undergraduate Studies and Scholarships Committee, Department of Supply Chain Management

2016 – 2017 Faculty Hiring Committee, Department of Supply Chain Management

2016 Diversity Committee, Haslam College of Business

2016 OAP Project Advisor: Global Supply Chain Executive MBA

2015 – 2016 Faculty Advisor: Bowersox Graduate Case Competition (Michigan State University)

### DISCIPLINARY SERVICE

2004 – PRESENT Member: Council of Supply Chain Management Professionals CSCMP (Lombard, IL)

2012 – 2014 Member of Editorial Board / Editor: Latin American Business Review (Binghamton, NY)

### PROFESSIONAL SERVICE

2019 - 2020	<p><b>Cass Information Systems – Transportation Indexes</b></p> <p>Description: The partnership between The Global Supply Chain Institute at the University of Tennessee’s Haslam College of Business and freight payment provider Cass Information Systems, Inc. (Nasdaq: CASS) was developed to support two of Cass’s well-known transportation indexes—the Cass Truckload Linehaul Index® and the Cass Intermodal Price Index®. The indexes, followed by more than 8,000 subscribers, follow changes in American freight shipping activity. Since 2011, they have become valuable resources for shippers, carriers, and others interested in freight market dynamics. The primary project objective was the reengineering of the calculation logic and methodology for both indexes. The data for these indexes, as well as the popular Cass Freight Index, includes all domestic freight modes and is derived from \$28 billion in freight transactions processed by Cass annually on behalf of its client base of hundreds of large shippers. These companies represent a broad sampling of industries including consumer packaged goods, food, automotive, chemical, OEM, retail and heavy equipment. Annual freight volume per organization ranges from \$4 million to over \$1 billion. The diversity of shippers and aggregate volume provide a statistically valid representation of North American shipping activity. Situation: Active; Nature: Extension. Participants: Alexandre Medeiros Rodrigues (Coordinator)</p>
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2010 - 2010	<p><b>L'OREAL – Supply Chain Redesign</b> (Análise da Cadeia de Suprimentos)</p> <p>Description: The joint applied research project between COPPEAD and L’Oreal had the objective of knowledge transfer for Supply Chain Analysis. The company team was coached to jointly develop business solutions for strategic analysis. The project was developed in three areas: (1) Strategic Analysis of Customer Service, (2) Logistics Network Process Mapping and Analysis and (3) Supply and Demand Balancing. Situation: Concluded; Nature: Extension. Participants: Alexandre Medeiros Rodrigues (Coordinator) / Peter Wanke (Participant) / Kleber Fossati Figueiredo (Participant).</p>
2008 - 2009	<p><b>McKinsey &amp; Company – Global Sourcing</b></p> <p>Description: The joint applied research project between European Business School and McKinsey &amp; Company had the objective to identify barriers and develop solutions to capture the full potential of global sourcing. Specifically, the study had the following objectives: (1) Understand main reasons why leading global institutions (LGIs) struggle to capture the full potential of global sourcing (GS), (2) Define best practices for GS and develop comprehensive framework of success factors for global sourcing, (3) Assess GS performance of selected LGIs on all GS success factors and derive solutions and recommendations to achieve GS excellence, (4) Evaluate correlation between success factors and overall performance. Situation: Concluded; Nature: Extension. Participants: Alexandre Medeiros Rodrigues (Participant) / Roger Moser (Participant) / Keiko Kusaba (Participant) / Jan Wullenweber (Coordinator) / Christopher Jahns (Coordinator).</p>
2000 - 2004	<p><b>MSU - Supply Chain Collaboratory Project</b></p> <p>Description: Collaboratory Project with five companies from different industries: <b>Dow Chemical, Hershey’s Food, IBM, The Limited, and Whirlpool</b>. The objectives of the arrangement were to generate basic and applied research, with benefits for the both sides (business and academic). The business objective was to assist in sponsor company problem specific initiatives offering the potential for immediate financial impact. The academic objectives were: (1) Create a simulation testing environment using state-of-the-art dynamic modeling methodologies, (2) Structure simulation experiments using data and business propositions from the five leading edge industry-specific businesses, (3) Develop a comprehensive framework of supply chain metrics to assess operating and financial results of simulated and implications for actual operations, (4) Generalize universal principles that will benefit supply chain structure and strategy of sponsoring firms while simultaneously contributing and expanding the existing logistics knowledge base, and (5) Expand overall understanding and competency of corporate managers, faculty, and students in the use of state-of-the-art dynamic simulation to conduct supply chain structure and strategic planning. Situation: Concluded; Nature: Extension. Participants: Alexandre Medeiros Rodrigues (Participant) / David Closs (Participant) / Donald Bowersox (Coordinator).</p>
1997-1999	<p><b>ALIANÇA NAVEGAÇÃO – Inventory Policy Analysis</b> (Determinação de Políticas de Estoque)</p> <p>Description: Company: Aliança Navegação; Industry: Maritime Transportation and Logistics Services; Description of the Project: Determination of inventory policies for the repositioning problem of empty containers, using simulation models to balance operational costs, inventory levels, service levels and process time. Results: (1) Quantification of the relationship between increases in inventory levels and total system cost, (2) Quantification of the effects of space reservation for empty container repositioning on total costs, (3) Determination of target inventory levels to be maintained in each port in the network and (4) Determination of managerial procedures for decision support of the allocation of empty containers.. Situation: Concluded; Nature: Extension. Participants: Alexandre Medeiros Rodrigues (Coordinator) / Paulo Fernando Fleury (Participant).</p>

1997-1999	<p><b>IPIRANGA – Simulation of a Distribution Base Facility</b> (Base de Distribuição)</p> <p>Description: Company: Companhia Brasileira de Petróleo Ipiranga; Industry: Oil and Fuel Distribution; Description of the Project: Development of a support system to aid the design of distribution facilities. These facilities replenished inventory of fuel retail stations. Results: Development of a stochastic simulation model in Arena capable to test several layout configurations in the distribution facility. Experiments could be conducted to minimize total service time of tank trucks in the distribution facility.</p> <p>Situation: Concluded; Nature: Extension. Participants: Alexandre Medeiros Rodrigues (Coordinator) / Paulo Fernando Fleury (Participant).</p>
1997-1999	<p><b>IPIRANGA – Decision Support System</b> (Sistema de Suporte a Decisão)</p> <p>Description: Company: Companhia Brasileira de Petróleo Ipiranga; Industry: Oil and Fuel Distribution; Description of the Project: Creation of System of Key Performance Indicators for Distribution Facilities; Results: Development of a support system in MS-Access capable to generate managerial reports and statistical summaries to aid planning in distribution facilities. The system reports included process times and volumes of fuels serviced at the facilities. Such reports could be used directly for decision making in the redesign of the layout configuration in the facility to maximize service. Situation: Concluded; Nature: Extension. Participants: Alexandre Medeiros Rodrigues (Coordinator) / Paulo Fernando Fleury (Participant).</p>
1997-1999	<p><b>REXAM LATASA – Supply Chain Redesign</b> (Análise da Cadeia de Suprimentos)</p> <p>Description: Company: Latasa - Latas de Alumínio S.A. (now part of Rexam); Industry: Supplier of Aluminum Cans for the Beverage Industry; Description of the Project: Logistical Process Analysis; Results: Analysis of the entire supply chain, from order placement to delivery. Analysis conducted included: product characteristics (cans and printing), sales demand, marketing policies, distribution network, manufacturing capacity management policies, and the total system costs involved in the entire process. Results included: creation of cause-and-effect diagrams, proposed redesign of the distribution network, proposed redesign of logistical processes involved, and development of key performance indicators. Situation: Concluded; Nature: Extension. Participants: Alexandre Medeiros Rodrigues (Coordinator) / Paulo Fernando Fleury (Participant).</p>
1997-1999	<p><b>PRAXAIR WHITE MARTINS – Supply Chain Redesign</b> (Análise da Cadeia de Suprimentos)</p> <p>Description: Company: White Martins S.A. (now part of Praxair Inc); Industry: Industrial Gas Manufacturing and Distribution; Description of the Project: Diagnostics and analysis in the planning of a centralized system for inventory management and distribution. The analysis included identification of the minimum requirements of service level for the system; Results: Redesign and definition of the distribution network, definition of rules for inventory positioning, definition of replenishment policies and creation of key performance indicators. Situation: Concluded; Nature: Extension. Participants: Alexandre Medeiros Rodrigues (Coordinator) / Paulo Fernando Fleury (Participant).</p>
1997-1999	<p><b>O BOTICÁRIO – Warehousing System Analysis</b> (Análise do Sistema de Armazenagem)</p> <p>Description: Company: O Boticário; Industry: Cosmetic Manufacturing and Retail; Description of the Project: Design and balancing of the order-picking system in a distribution center; Results: Formalization of heuristics that provide the best configuration for the positioning of products in the warehousing racks. The best configuration would balance the workload on the picking lines and increase overall productivity. Situation: Concluded; Nature: Extension. Participants: Alexandre Medeiros Rodrigues (Coordinator) / Paulo Fernando Fleury (Participant).</p>

## PROFESSIONAL DEVELOPMENT

2020	<b>UTK / OIT: Virtual Vol Bootcamp</b> (01 Canvas Overview Workshop, 02 Zoom Essentials, 03 Online Assessment, 04 Managing Your Online Classroom) <b>LINKEDIN LEARNING / LYNDA: Solving Optimization and Scheduling Problems in Excel</b>
2017	<b>UTK / OIT: Adobe Captivate 1</b> (Hands-On with Adobe Captivate: Going Beyond PowerPoint)
2014	<b>UTK / OIT: Teaching in a Technology Enhanced Classroom (TEC)</b>