

John T. Simon
College of Business
Governors State University
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Areas of Interest:

Operations management, quantitative analysis, computer simulation, quality management, service operations management, supply chain management, business statistics, probabilistic modeling, performance analysis of operations systems, and queuing theory.

Work and Teaching Experience:

August 2011 – Present: Associate Professor, College of Business, Governors State University, University Park, Illinois

December 2004 – July 2011: Assistant Professor, College of Business and Public Administration, Governors State University, University Park, Illinois.

Courses taught at the graduate level: Foundations of Managerial Statistics; Operations Management: Strategies and Techniques (in-class and online); and Logistics, Transportation, and Warehouse Management (online).

Courses taught at the undergraduate level: Business Statistics, Statistics for Management I, Statistics for Management II, Production and Operations Management, Quality Management, Production and Inventory Control Systems, Introduction to Management Strategies, Seminar in Production and Operations Management, Service Operations Management.

September 2000 – December 2004: Assistant Professor, Jones School of Business, SUNY Geneseo, Geneseo, New York

Courses taught at the undergraduate level: Business and Economic Statistics, Production and Operations Management, Management Information Systems

August 1996 – August 2000: Assistant Professor, Department of Operations Management and Business Statistics, Sultan Qaboos University, Oman.

Courses taught at the undergraduate level: Operations Management, Operations Strategy, Quality Management, Management Science, Computer Simulation (software used: SIMAN V, Taylor II), Applied Optimization Methods (software used: AMPL), Business Statistics I and II.

August 1989 - June 1996: Assistant Professor, Department of Management, University of Notre Dame, Indiana.

Courses taught at the graduate level: Management Science, Operations Management.

Courses taught at the undergraduate level: Statistics in Business, Operations Management, Computers in Business.

September 1988 - July 1989: Consultant, Academic Computing and Network Services, Northwestern University, Illinois.

Primary duty was to assist University faculty in using software for microcomputers in statistics, databases, and operating systems.

September 1985 - March 1989: Graduate Teaching Assistant, Department of Industrial Engineering and Management Sciences, Northwestern University, Illinois.

Served as a Teaching Assistant for courses in Inventory Management, Quality Management, Production Planning and Control, Probability, Computer Simulation, and Linear and Nonlinear Programming.

September 1983 - August 1985: Graduate Research Assistant, Department of Industrial Engineering and Management Sciences, Northwestern University, Illinois.

Education:

Ph. D. Department of Industrial Engineering and Management Sciences, Northwestern University, Evanston, Illinois, June 1989. Dissertation Title: "Probabilistic Models of Assembly Systems". Thesis Advisor: Professor Wallace J. Hopp.

M. S. Department of Industrial Engineering and Management Sciences, Northwestern University, Evanston, Illinois, August 1983.

B. Tech. (Bachelor of Technology) Department of Mechanical Engineering, Indian Institute of Technology, Madras, India, September, 1982.

Certificates:

CSCP Certified Supply Chain Professional, certification from APICS, The Association for Operations Management, December 11, 2014 (Maintenance renewed in 2019).

CITI Program, IRB Social/Behavioral Research Basic Course Certificate, June 29, 2022

Graduate Course Work:

Linear Algebra, Linear Programming and Extensions, Large Scale Optimization, Combinatorial Optimization, Dynamic Programming, Engineering Economics, Theory of Games, Real Analysis, Foundations of Modern Analysis, Probabilistic Models in Cancer Research, Advanced Probability, Stochastic Processes, Introduction to Stochastic Integration, Advanced Statistics, Design and Analysis of Experiments, Multivariate Statistical Methods.

Publications:

Refereed Journal Articles/ Research Publications:

Simon, J. T. (2025). A Simulation Study of the Utilization of a Flexible Appointment Scheduling System. *American Journal of Management*, 25(4).
<https://doi.org/10.33423/ajm.v25i4.7892>

Ji, X., & Simon, J. (2025). Exploring the Geometric Mean of Grouped Data. *Journal of Applied Business and Economics*, 27(3). <https://doi.org/10.33423/jabe.v27i3.7649>

Simon, J. T. (2021). A note on the “Sum of squares of deviations”. *Teaching Statistics*, 43(1), 44-44.

Simon, J. T. (2016) Puzzle – Verbal Arithmetic and Mastermind. *INFORMS Transactions on Education* 17(1):39-41. <https://doi.org/10.1287/ited.2016.0163>

Simon, J. T. (2016), “Influence of Forecasting on Bullwhip Effect”, *Journal of Scholastic Inquiry: Business*, volume 5, Issue 1, pp. 19-34.

Andrews, A. P., J. Simon, F. Tian, and J. Zhao (2011), “The Toyota crisis: an economic, operational and strategic analysis of the massive recall”, *Management Research Review*, volume 34, No. 10, pp. 1064-77.

Simon, J. T. (2010), “Comparing Annual and Semi-Annual Pay Raise – A Critical Thinking Exercise”, *Decision Sciences Journal of Innovative Education*, volume 8 (2), pp. 379 – 383.

Gu, A. Y., and J. T. Simon (2007), “The September Phenomenon of U.S. Equity Market”, *Advances in Quantitative Analysis of Finance and Accounting*, volume 5, pp. 283 – 297.

Simon, J. T. (2005), “Competitive Purchasing Policies under Price Volatility”, *Advances in Competitiveness Research*, volume 13 (1), pp. 95 – 100.

Erel, E., J. B. Ghosh, and J. T. Simon (2003), “New Heuristic for the Dynamic Layout Problem”, *Journal of the Operational Research Society*, volume 54 (12), pp. 1275 – 1282.

Gu, A. Y., and J. T. Simon (2003), “Declining January Effect – Experience in the United Kingdom”, *American Business Review*, volume 21 (2), pp. 117 – 121.

Simon, J. T., and J. Cook (2002), “The Impact of Internet Commerce and Trade Exchanges On Business Productivity”, *Journal of Global Competitiveness*, volume 10 (2), pp. 227 – 237.

Simon, J. T., and W. J. Hopp (1995), “Throughput and Average Inventory in Discrete Balanced Assembly Systems”, *Institute of Industrial Engineers Transactions*, volume 27, pp. 368 – 373.

Hopp, W. J., and J. T. Simon (1993), “Estimating Throughput in an Unbalanced Assembly-like Flow System”, *International Journal of Production Research*, Volume 31, Number 4, pp. 851 – 868.

Simon, J. T. and W. J. Hopp (1991), “Availability and Average Inventory of Balanced Assembly-like Flow Systems”, *Institute of Industrial Engineers Transactions*, Volume 23, Number 2, pp. 161 – 168.

Hopp, W. J., and J. T. Simon (1989), “Bounds and Heuristics for Assembly-like Queues”, *Queueing Systems: Theory and Applications*, Volume 4, Number 2, pp. 137 – 156.

Accepted for publication:

Ji, X., & Simon, J. Presidency and the Stock Market. *Journal of Accounting and Finance*

Other Refereed Articles:

Zhao, J., A. P. Andrews, J. T. Simon, and F. Tian (2010), “Toyota Crisis: Economic, Strategic, and Operational Causes and Consequences of the Massive Recall”, *Southern Management Association 2010 Conference Proceedings*, pp. 638 – 643.

Simon, J. T., (2003), “Disaster Readiness and Recovery Planning”, *Competition Forum*, Vol. 1, Number 1, pp. 85 – 91.

Simon, J. T. and Jack Cook (2002), “Trade Exchanges: Creating Competitive Advantages”, *Proceedings of the IEMS Conference, 2002*.

Simon, J. T. and Jack Cook (2001), “Supply Chain Management in Services”, *APICS 2001 International Conference and Exposition Proceedings*, J-12, pp 1 – 5.

Simon, J. T., (1998), “Easy Simulation on Spreadsheets without Add-Ins”, *Decision Line*, March 1998, pp. 6 – 8.

Other Publications:

Simon, J. T., Sriraj, P. S., Greenwood, R, Sri Bandi, Y. K., Boga, S., (2023), “Sustainable Inclusive Supply Chain for the Electric Vehicle Industry in Illinois”, <https://www.govst.edu/Electric-Vehicle-Supply-Chain/> , project report for a grant received from the University of Illinois Urbana-Champaign through the Illinois Innovation Network

Conference Presentations:

“Comparing queueing models and appointment scheduling models under light demand”, presented at the MBAA International Conference, April 2025, Chicago, Illinois

“Impact of ChatGPT in Quantitative Classes”, presented at the MBAA International Conference, April 2024, Chicago, Illinois

“Issues in the Deployment of Electric Vehicle Supply Equipment”, presented at the MBAA International Conference, March 2023, Chicago, Illinois

“Electric Vehicle Supply Chain in Illinois”, co-authored by Reggie Greenwood, P. S. Sriraj, Sunil Kumar Devarakonda, presented at the MBAA International Conference, March 2022, Chicago, Illinois

“What are Illinois Universities doing in the area of Sustainability?”, co-authored by Feng Tian, presented at the MBAA International Conference, March 2021, Chicago, Illinois.

“Understanding the Use of Blockchain in Supply Chain Management”, presented at the MBAA International Conference, March 2019, Chicago, Illinois

“Modeling Continuous Improvement Of Supply Chain Delivery Performance”, co-authored by Alfred L. Guiffida, presented at the MBAA International Conference, March 2019, Chicago, Illinois

“Green Supply Chain Management Practices”, presented at the MBAA International Conference, April 2018, Chicago, Illinois

“Teaching Integer Programming through Games and Puzzles”, presented at the MBAA International Conference, March 2017, Chicago, Illinois

“Trends and impact of Outsourcing and Offshoring”, presented at the MBAA International Conference, April 2016, Chicago, Illinois

“Variation in supply chain due to forecasts”, presented at the MBAA International Conference, March 2015, Chicago, Illinois

“Effectiveness of forecasting methods in reducing the bullwhip effect”, presented at the MBAA International Conference, March 2014, Chicago, Illinois

“Recent trends in outsourcing and in-shoring”, presented at the MBAA International Conference, February 2013, Chicago, Illinois

“Appointment Systems with Costs to the Service Provider as well as the Service Receiver”, presented at the MBAA International Conference, March 2012, Chicago, Illinois

“Study of Efficiencies of Reservation Systems”, presented at the MBAA International Conference, March 2011, Chicago, Illinois

“Toyota Crisis: Economic, Strategic, and Operational Causes and Consequences of the Massive Recall”, presented with co-authors A. Andrews, F. Tian, and J. Zhao, at the Southern Management Association 2010 Meeting, October 27 – 30, 2010, St. Pete Beach, Florida

“Critical Thinking Exercises in the Class Room”, presented at the MBAA International Conference, March 2010, Chicago, Illinois

“Formulating Logical Conditions in Linear Programming”, presented at the MBAA International Conference, March 2009, Chicago, Illinois

“Supply Chain Intelligence”, presented at the MBAA International Conference, April 2008, Chicago, Illinois

“Spreadsheet Models in Operations Management”, presented at the MBAA International Conference, March 2007, Chicago, Illinois.

“Collaborative Synchronous Online Learning Through Discussion”, with Dalsang Chung, presented at the MBAA International Conference, March 2007, Chicago, Illinois.

“Creating a Visual Laboratory for Statistics Using Excel”, presented at the ACBSP Great Lakes Region (4) Annual Conference, October 2006, University Park, Illinois.

“Spreadsheet Models Illustrating the Bullwhip Effect”, presented at the MBAA International Conference, March 2006, Chicago, Illinois.

“Competitive Purchasing Policies under Price Volatility”, presented at the American Society for Competitiveness Conference, October 2003, Falls Church, Virginia.

“Disaster Readiness and Recovery Planning”, presented at the American Society for Competitiveness Conference, October 2003, Falls Church, Virginia.

“A Heuristic Procedure for the Dynamic Layout Problem”, with Erdal Erel and Jay Ghosh, presented by co-author Erdal Erel at the EURO/INFORMS Joint International Meeting, July 2003, Istanbul, Turkey.

“Solving Logic Puzzles using Integer Programming”, presented at the Production and Operations Management Society Conference, April 2003, Savannah, Georgia.

“The Impact of Internet Commerce And Trade Exchanges On Business Productivity”, with Jack Cook, presented at the American Society for Competitiveness Conference, October 2002, Alexandria, Virginia.

“Trade Exchanges: Creating Competitive Advantages”, with Jack Cook, presented at the Industry, Engineering, and Management Systems Conference, March 2002, Cocoa Beach, Florida.

“Supply Chain Management in Services”, with Jack Cook, presented at the APICS 2001 International Conference and Exposition, October 2001, San Antonio, Texas.

“Use of Spreadsheets and Simulation in Teaching Introductory Statistics”, presented at the Conference on Instructional Technologies, May 2001, Geneseo, New York.

“Prescriptions for Better Service, or Better Service for Prescriptions”, presented by co-author Thomas R. Jefferson at the Institute for Operations Research and Management Sciences Conference, November 2000, San Antonio, Texas

“Use of 0-1 Integer Programs in Representing Logical Conditions”, presented at Production and Operations Management Society 1995 Annual meeting at Pittsburgh.

“Scheduling a Reservation System”, presented at the Joint National Meeting of the ORSA/TIMS, Detroit, Michigan, October 1994.

“Comparison of Two Arithmetic Series”, presented at the Joint National Meeting of TIMS/ORSA, Chicago, Illinois, May 1993.

“Performance Analysis of Assembly-like Queueing Systems”, presented in an invited session at the Industrial Engineering Research Conference, Chicago, May 1992.

“Analysis of an Assembly System with CONWIP Input Lines”, presented at the Production and Operations Management Society Annual Meeting, New York, November 1991.

“Approximate Analysis of Multiple Input Assembly-like Systems”, presented at the Joint National Meeting of the ORSA/TIMS, Philadelphia, October 1990.

“A Flow-type Assembly System with Unreliable Machines Having Different Processing Rates”, with W. J. Hopp, presented at the Joint National Meeting of the Operations Research Society of American and The Institute of Management Sciences, New York City, October 1989.

“Bounds and Heuristics for Assembly-like Queues”, with W. J. Hopp, presented at the Joint National Meeting of the Operations Research Society of America and The Institute of Management Sciences, Washington D. C., April 1988.

Other Conferences/Workshops Attended:

The Railway Academic Conference (TRAC). July 12-14, 2016, University of Illinois at Urbana-Champaign.

GSU Faculty Summer Institute, 2005 – 2016, Governors State University.

APICS 19th Annual Great Lakes District Student Case Competition, February 22, 2014, Chicago.

Introduction to SAP University Alliance and ERP, July 9 – 12, 2012, Milwaukee, Wisconsin.

Annual Accreditation Conference, The Association to Advance Collegiate Schools of Business, Houston, Texas, September 26 – 28, 2010

2010 Globalization Seminars – Global Supply Chain Management, Faculty Development in International Business, Center for International Business and Research, The University of Memphis, Memphis, Tennessee, June 3 – 6, 2010

APICS 14th Annual Great Lakes District Student Case Competition, February 20 and 21, 2009, Chicago.

APICS 13th Annual Great Lakes District Student Case Competition, February 15 and 16, 2008, Chicago.

Strategic Opportunities for Trade with China, June 10, '05, Governors State University.

Strategic Opportunities for Trade with India, May 20, '05, Governors State University.

National Manufacturing Week Conference, March 9, '05, Chicago, Illinois.

Faculty-Student Partnerships in Teaching and Learning, May 10-13, '04, Geneseo, New York.

“Universal Instructional Design”, September 5, '03, by Prof. Lydia Block, Teaching and Learning Center, SUNY Geneseo.

Third Annual Conference on Case Study Teaching in Science, October 4, '02, Buffalo, New York.

“Practical Tips for Professors”, May 23, '02, by Lisa Fraser and Jane Munt of RIT, Teaching and Learning Center, SUNY Geneseo.

“Beyond the Formula Statistics Conference – Introductory Statistics for a New Century”, August 2001, Rochester, New York.

“Towards the 21st Century”, The Oman International Economic Conference, Muscat, November 1997.

“TQM in the Class Room: Business Process Re-engineering”, by the Chicago Forum on TQM in Higher Education, Chicago, June 27, 1994.

Workshop on Experiential Learning, Center for Social Concerns, University of Notre Dame, Notre Dame, October 1992.

Xerox Quality Symposium, University of Notre Dame, Notre Dame, October 1991.

Teaching Conference, College of Business, University of Notre Dame, South Bend, June 1991.

“World Class Quality - Winning in Western Pennsylvania”, Duquesne University, Pittsburgh, May 1991.

“Advances in Mathematical Programming”, at One IBM Plaza, Chicago, September 1990.

“Indiana Operations Management Symposium”, Indiana University, Bloomington, March 1990.

“Integrating Technology into Business Education”, CMU, Pittsburgh, March 1990.

“The Research Agenda for the next Decade”, Conference on Manufacturing Strategy, University of Michigan, Ann Arbor, January 1990.

Consulting:

Consulting assistance provided to TreLuxe, LLC, through SCICBI (Supply Chain Innovation Center and Business Incubator, Governors State University), in Spring 2022

Honors, Grants, and Professional Affiliations:

Member, MBAA International Advisory Council, 2012 – 16, 2022 - 24

Member, Delta Mu Delta Honor Society
 Member of ASCM (The Association for Supply Chain Management, formerly APICS)
 Member of Beta Gamma Sigma Society
 Received CIBER scholarship to attend 2010 Globalization Seminars – Global Supply Chain Management, at The University of Memphis, Memphis, Tennessee, June 3 – 6, 2010
 Passed “Master Planning of Resources” Examination, towards CPIM offered by APICS, August, 2008
 Passed “Basics of Supply Chain Management” Examination, towards CPIM (Certified in Production and Inventory Management) offered by APICS (The Association for Operations Management), September, 2007
 Received scholarship (3 CUEs) for research, from the College of Business and Public Administration, in years 2005 – 2010
 Received grant for developing a web-enhanced course, from the Center for Online Teaching and Learning, 2005-2006
 Recipient of the Best Teacher Award, 1998-1999, Department of Operations Management and Business Statistics, College of Commerce, Sultan Qaboos University
 Walter P. Murphy Fellow, 1982 - 1983, Department of Industrial Engineering and Management Sciences, Northwestern University
 Member of the Institute for Operations Research and Management Sciences (1985 - 1996)
 Member of Operations Management Association (1990 - 1991)
 Member of Production and Operations Management Society (1990 - 1996)

Computing Skills:

Microsoft Windows operating system, Microsoft Excel, simulation languages such as SIMAN V, Taylor II, Flexsim, GPSS, and Simscript, math programming software such as Lindo and AMPL, general programming languages such as Visual Basic, Pascal and Fortran, database software such as Paradox and Access, statistical software such as Minitab and SPSS.

Service:

At Governors State University:

Member, Library Advisory Committee, 2025-26
 Member, Sabbatical Leave Committee, 2025-26
 Co-chair, COB Curriculum Committee, 2017-23
 Member, University Academic Master Plan Advisory Committee, 2018-22
 Member, University Personnel Committee, 2022-23
 Program Coordinator for BS in Business Administration, 2025-26
 Member, COB Assurance of Learning Committee, 2024-2025
 Program Coordinator for BA in Manufacturing Management and BA in Business and Applied Science, 2018-23
 Member, Academic Program Review Committee, 2016-22
 Member, COB Strategic Planning Committee, 2017-23
 Member, MVCC SCM Advisory Committee, 2020
 Member, University General Education Committee, Spring 2019
 Member, MME Division Personnel Committee, 2019-20
 Member, COB Student Grievance Committee, 2016-19
 Chair, MME Division Personnel Committee, 2017-18
 Member, COB Curriculum Committee, 2015-17
 Co-chair, MME Division Personnel Committee, 2016-17

Chair, Sabbatical Leave Committee, 2015-16
 Member, COB Personnel Committee, 2015-16
 Chair, University Personnel Committee, 2013-14
 Co-chair, CBPA Curriculum Committee, 2009-14
 Member, CBPA Strategic Management Committee, 2009-14
 Member, CBPA Assessment of Learning Committee, 2011-14
 Faculty Advisor to Governors State University APICS Club (2005-14)
 Mentor for the GSU team at the APICS Annual Great Lakes District Student Case Competition, 2008-2014
 Marshal for the University Commencements (2005-17, 2024-25)
 Member, University Personnel Committee, 2011-14
 Member, MBAA Advisory Council, 2011-14
 Member, CBPA Faculty Awards Committee, 2013-14
 Member, CBPA Grievance Committee, 2013-14
 Member, President's Advisory Council on Diversity, 2008-13
 Chair, MIPA Division Personnel Committee, 2011-13
 Member, Academic Program Elimination Review Committee, 2009-13
 Member, University Curriculum Committee, 2008-2013
 President, OMEA Track of the MBAA-International Conference, 2012 and 2021
 Author, "10 Tips for effective decision-making in managing your supply chain", April 2012, *Inbound Logistics*
 Chair, Marketing Faculty Search Committee, Fall 2011
 Member, Search Committee for Associate Provost, 2011
 Member, University Excellence Awards Committee, 2011
 Division/Program Chair, Operations Management and Entrepreneurship Association, at the MBAA International Conference, 2010 and 2011
 Member, Marketing Faculty and Management Faculty Search Committee, Fall 2010
 Member, CQIA (Continuous Quality Improvement and Accreditation), 2008-10
 Member, Subcommittee on Criterion 1 (Mission and Integrity), for the HLC Accreditation Continuation in 2009
 Proceeding Editor for the Operations Management and Entrepreneurship Association track, MBAA International Conference, 2008-2010
 Member, University Senate Executive Committee, 2007-2009
 Member, University Faculty Senate, 2005-2009
 Chair, Operations Management Faculty Search Committee, MIPA Division, 2008
 Mentor for Student Research Conference, Governors State University, May 21, 2008
 Member, University Excellence Awards Committee (2008)
 Member, Interim CBPA Dean Search Committee (2008)
 Member, University Safety Committee (2005-2008)
 Member, Marketing Faculty Search Committee, MIPA Division, 2006-2007
 Chair, CBPA Curriculum Committee (2005-2007)
 Member, MIPA Division Curriculum Committee (2005-2007)
 Member, College Grievance Committee, December, 2006
 Member, ACBSP Region 4 Conference Planning Committee (2006)
 Member, Marketing Faculty Search Committee, MIPA Division, 2005-2006
 Participated in the GSU Foundation Phonathon for Fundraising, 2005 and 2006
 Presented a workshop on advanced topics in Excel for the Governors State University APICS Club, December 6, 2005
 Participated in Business Program Advisory Committee meetings (from 2005)
 Member, University Homeland Security Research and Development Committee, 2005

Served on the CBPA International Trade Committee, 2004-2005 (participated in the organization of the Conference on “Strategic Opportunities for Trade with India”)

At SUNY Geneseo:

Presented “Using Waiting Line Theory in Resource Management” to Geneseo APICS Student Chapter, March 4, 2004

Presented Faculty Mini-Lecture, Family Weekend, November, 2003

Conducted workshops in Excel for the Geneseo APICS Student Chapter, Spring and Fall 2003

Served as member of the MIS Faculty Search Committee, 2002-2003

Presented Faculty Mini-Lecture, Family Weekend, November, 2002

Served as Faculty Advisor for Geneseo APICS Student Chapter (2001-2004)

Served as member of School of Business Curriculum Committee (2000-2004)

Served as advisor to students of School of Business (2000-2004)

At Sultan Qaboos University:

Served as member of College Curriculum Committee (Assisted in developing the framework and curriculum details of a new MBA program), 1996-2000

Assisted in Departmental Recruiting, 1997-2000

Served as member of College Computing Committee, 1997-1998

At University of Notre Dame:

Served as Faculty Representative, Departmental Honesty Committee, 1994-1996

Volunteered in Christmas in April, South Bend, 1992

Served as member, Department Self-study Committee, 1991

Assisted in Departmental Recruiting, 1991

Served as Secretary for Departmental Meetings, 1991

Volunteered for Adult Education Program, South Bend, 1990

Served in the University Minority Student Mentor Program, 1989