
Virginia M. Miori, Ph.D.
Associate Professor
Decision and System Sciences
Haub School of Business
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Professional Interests

Academic Background

Ph.D. Drexel University, Philadelphia, PA, Operations Research, 2006
M.S. University of Pennsylvania, Philadelphia, PA, Transportation, 1992
M.S. Case Western Reserve University, Cleveland, Ohio, Operations Research, 1986
B.A. Hiram College, Hiram, Ohio, Mathematics, 1983

Memberships

Beta Gamma Sigma
Omega Rho
Alpha Iota Delta
Northeast Decision Sciences Institute
Decision Sciences Institute
Institute for Operations Research and Management Science

Academic Experience

Associate Professor, Saint Joseph's University (August, 2012 - Present), Philadelphia, Pennsylvania. Department of Decision and System Sciences
Assistant Professor, St. Joseph's University (August, 2006 - August, 2012), Philadelphia, Pennsylvania. Department of Decision and System Sciences
Adjunct Faculty and Teaching Assistant, Drexel University (2004 - 2006), Philadelphia, Pennsylvania. Operations Research Mathematical Statistics Production Operations Management Business Statistics Supply Chain Management
Adjunct Faculty, Villanova University: College of Commerce and Finance (2002 - 2006), Villanova, Pennsylvania. Introduction to MIS Business Statistics Operations Management Supply Chain Management
Teacher, Merion Mercy Academy (1999 - 2002), Merion Station, Pennsylvania. Advanced Placement Computer Science Advanced Placement Statistics Geometry, Honors Geometry Algebra 1, Honors Algebra 2

INTELLECTUAL CONTRIBUTIONS:

IC:Grid (with work papers)

Category	BDS	AIS	TLS	Total
Articles in Refereed Journals	13	1	1	15
Articles-in-Progress (All)	1			1

Publications in Refereed Conference Proceedings	9			9
Books, Monographs, Compilations, Manuals, Supplements, Chapters, Cases, Readings			1	1
Presentations of Refereed Papers	9			9
Presentations of Non-Refereed Papers	3		3	6
Patent	1			1

Refereed Articles

- Miori, V. M. (2015). Data Mining Techniques Applied to the Study of Canines with Osteo-Arthritis: Developing a Predictive Model. *Contemporary Perspectives in Data Mining*.
- Miori, V. M. (2014). The Pollyanna Problem: Assignment of Participants in a Gift Exchange. *International Journal of Business Intelligence Research*.
- Miori, V. M., Algeo, J., Segulin, B. W., & Cimino Brown, D. (2013). FORECASTING ACTIVITY LEVELS AS A BASELINE FOR PREDICTING PAIN AND DISCOMFORT LEVELS IN CANINES. *Advances in Business and Management Forecasting, 9*, 15-32.
- Miori, V. M., Doyle, K. A., & Campbell, K. (2013). Clustering and principal components analyses to understand student motivations and ethical approaches to academic ethics with recommendations for curricular change. *Contemporary Perspectives in Data Mining*.
- Miori, V. M., Miori, D. J., & Segulin, B. W. (2011). Simulation to Examine the Use of Electronic Medical Records and Inventory (Patient) Postponement to Developing Efficient Health Care Supply Chains. *Advances in Business and Management Forecasting*.
- Miori, V. M., Doyle, K. A., & Campbell, K. (2011). Gender Differences In Academic Ethics With Recommendations For Curricular Change. *Journal of College Teaching and Learning, 14*.
- Klimberg, R. K. & Miori, V. M. (2010). Back in Business. *ORMS Today*.
- Miori, V. M. (2010). A multiple objective goal programming approach to the truckload routing problem. *Journal of Operational Research*.
- Miori, V. M. & Miori, D. J. (2010). Evaluating Survival Likelihoods in Palliative Patients Using. *Advances in Business and Management Forecasting*.
- Miori, V. M. & Segulin, B. W. (2009). APPLICATION OF TRIPLET NOTATION AND DYNAMIC PROGRAMMING TO SINGLE-LINE, MULTI-PRODUCT DAIRY PRODUCTION SCHEDULING. *International Journal of Business Intelligence*,..
- Yermish, I., Miori, V., Yi, J., Malhotra, R., & Klimberg, R. (2009). Business plus Intelligence plus Technology equals Business Intelligence. *International Journal of Business Intelligence*,..
- Miori, D. J. & Miori, V. M. (2009). Optimization of Medical Services: Supply Chain and the Ethical Implications. *Manufacturing, Distribution and Transportation in the Supply Chain: Modeling, Optimization and Appli*.
- Miori, V. M. (2008). A Dynamic Programming Approach to the Truckload Routing Problem. *Manufacturing, Distribution and Transportation in the Supply Chain: Modeling, Optimization and Applications*.
- Miori, V. M. (2008). Econometric Count Data Modeling Applied to Stochastic Demand in Truckload Routing. *Advances in Business and Management Forecasting, 6*.
- Miori, V. M. (2006). A Novel Approach to the Continuous Flow Truckload Routing Problem. *Applications of Management Science, 12*, 145-155.

Refereed Proceedings

Full Paper

- Miori, V. M. (2009). Evaluating Survival Likelihoods in Palliative Patients Using Multiple Criteria of Survival Rates and Quality of Life. *Northeast Decision Sciences Institute Annual Meeting.*
- Miori, V. M. & Dufresne, R. (2008). Evaluation of Individual Contribution to Executive MBA Team Performance Using Analytic Hierarchy Process. *Decision Sciences Institute Annual Meeting.*
- Miori, V. M. & Segulin, B. W. (2008). MONTE CARLO SIMULATION OF STOCHASTIC TRANSITION TIMES IN A SINGLE-LINE, MULTI-PRODUCT DAIRY FOR PROJECTION OF SAFETY STOCK LEVELS. *Decision Sciences Institute Annual Meeting.*
- Miori, V. M. (2008). A Multiple Objective Goal Programming Approach to Single-Line, Multi-Product Dairy Production Scheduling. *Northeast Decision Sciences Institute Annual Meeting.*
- Miori, V. M. & Segulin, B. W. (2007). APPLICATION OF TRIPLET NOTATION AND DYNAMIC PROGRAMMING TO SINGLE-LINE, MULTI-PRODUCT DAIRY PRODUCTION SCHEDULING. *Decision Sciences Institute Annual Meeting.*
- Miori, V. M. (2007). A Multiple Objective Goal Programming Approach to the Truckload Routing Problem. *Northeast Decision Sciences Institute Annual Meeting.*
- Miori, V. M. (2006). ECONOMETRIC COUNT DATA MODELING APPLIED TO STOCHASTIC DEMAND IN TRUCKLOAD ROUTING. *Decision Sciences Institute Annual Meeting at San Antonio.*
- Miori, V. M. (2005). A NOVEL APPROACH TO THE CONTINUOUS FLOW TRUCKLOAD ROUTING PROBLEM. *Northeast Decision Sciences Institute Annual Meeting.*
- Miori, V. M. (2004). A Dynamic Programming Approach to the Truckload Routing Problem Using a Triplet Formulation. *Multidisciplinary International Scheduling: Theory and Applications (MISTA) Conference.*

Book

- Miori, V. M., Klimberg, R., & Rattick, S. (2012). *Business Analytics*.

Presentation of Refereed Papers

International

- Miori, V. M. (2004-2005, July). *A Dynamic Programming Approach to the Truckload Routing Problem Using a Triplet Formulation*. Multidisciplinary International Scheduling: Theory and Applications (MISTA) Conference, New York, New York.

National

- Miori, V. M. & Segulin, B. W. (2008-2009, November). *MONTE CARLO SIMULATION OF STOCHASTIC TRANSITION TIMES IN A SINGLE-LINE, MULTI-PRODUCT DAIRY FOR PROJECTION OF SAFETY STOCK LEVELS*. Decision Sciences Institute Annual Meeting, Baltimore, Maryland.
- Miori, V. M. & Dufresne, R. (2008-2009, November). *Evaluation of Individual Contribution to Executive MBA Team Performance Using Analytic Hierarchy Process*. Decision Sciences Institute Annual Meeting, Baltimore, Maryland.
- Miori, V. M. & Segulin, B. W. (2007-2008, November). *APPLICATION OF TRIPLET NOTATION AND DYNAMIC PROGRAMMING TO SINGLE-LINE, MULTI-PRODUCT DAIRY PRODUCTION SCHEDULING*. Decision Sciences Institute Annual Meeting, Phoenix, Arizona.
- Miori, V. M. (2006-2007, November). *Econometric Count Data Modeling Applied to Stochastic Demand in Truckload Routing*. Decision Sciences Institute Annual Meeting, San Antonio, Texas.

Regional

Miori, V. M. (2008-2009). *Evaluating Survival Likelihoods in Palliative Patients Using Multiple Criteria of Survival Rates and Quality of Life*. Northeast Decision Sciences Institute Annual Meeting, Uncasville, Connecticut.

Miori, V. M. (2007-2008, April). *A Multiple Objective Goal Programming Approach to Single-Line, Multi-Product Dairy Production Scheduling*. Northeast Decision Sciences Institute Annual Meeting, Brooklyn, New York.

Miori, V. M. (2006-2007, February). *A Multiple Objective Goal Programming Approach to the Truckload Routing Problem*. Northeast Decision Sciences Institute Annual Meeting, Baltimore, Maryland.

Miori, V. M. (2004-2005, March). *A Novel Approach to the Continuous Flow Truckload Routing Problem*. Northeast Decision Sciences Institute Annual Meeting, Philadelphia, Pennsylvania.

Presentation of Non-Refereed Papers

National

Miori, V. M. (2006-2007, November). *Integration of Count Data Analysis in Dynamic Programming Approach for Stochastic Truckload Routing*. INFORMS National Meeting, Pittsburgh, Pennsylvania.

Miori, V. M. (2004-2005, October). *A Hierarchical Optimization Approach to the Truckload Routing Problem*. INFORMS National Meeting, Denver, Colorado.

Regional

Miori, V. M. (2014-2015). *Teaching Business Analytics in Business School*. Northeast Decision Sciences Institute (NEDSI), Cambridge, Massachusetts.

Miori, V. M. (2013-2014). *Data Mining Techniques Applied to the Study of Canines with Osteo-Arthritis: Developing a Predictive Model*. Northeast Decision Sciences Institute (NEDSI), Philadelphia, Pennsylvania.

Miori, V. M. (2013-2014). *Meet the Editors*. Northeast Decision Sciences Institute (NEDSI), Philadelphia, Pennsylvania.

Miori, V. M. (2013-2014). *Teaching Business Analytics in Business School*. Northeast Decision Sciences Institute (NEDSI), Philadelphia, Pennsylvania.

Patents

2007 - COMPUTERIZED SYSTEM AND METHOD FOR DRIVING PROCESSES AND SYSTEMS TOWARDS OPTIMALITY.

Research Grants

Funded

2007-2008: Miori, V. M. Summer Research Funding, Principal Investigator, St. Joseph's University. Econometric Count Data Modeling and Data Mining (Cluster Analysis) Applied to Stochastic Demand in Truckload Routing.

Commercial Software Developed

2008-2009: Dairy Production Scheduling. Second dairy production scheduling model has been sold. This will be followed up by proposals to 8-10 additional dairies.

2008-2009: Dairy Production Scheduling. First full successful implementation of dairy Production Scheduling software. Installation included examination of production environment and priorities. Parameters were adjusted to meet needs and software is in use on a daily basis, producing ideal schedules.

2007-2008: Dairy Production Scheduling. Application of methods used in dissertation to production scheduling in the dairy industry. Exists as a component of a production line control system.

Working Papers

Miori, V. M., Myu, Z., & Qu, Y. (2015). "Data Mining Techniques Applied to the Study of Canines with Disease."

Other Teaching Activities

Distance Learning

2014-2015 - MSBIA. Teaching Foundations for Business Intelligence, Business Process Design and Analysis online courses. Distance Learning.

2013-2014 - MSBIA. Teaching Foundations for Business Intelligence, Business Process Design and Analysis online courses. Distance Learning.

2012-2013 - MSBIA. Teaching Foundations for Business Intelligence, Business Process Design and Analysis online courses. Distance Learning.

2011-2012 - MSBIA. Teaching Foundations for Business Intelligence, Business Process Design and Analysis online courses. Distance Learning.

2010-2011 - MSBIA. Teaching Foundations for Business Intelligence, Business Process Design and Analysis online courses. Distance Learning.

2009-2010 - Teaching Foundations for Business Intelligence online course. Fall 2010, Spring 2011 and Summer 2011. Distance Learning.

2009-2010 - Taught Applications of Business Intelligence online course. Summer 2009. Distance Learning.

2009-2010 - Taught Applications of Business Intelligence online course. Fall 2009, and Summer 2010. Distance Learning.

Course (New) - Creation/Delivery: Conventional

2015-2016 - Introduction to Hadoop, HIVE and Impala. Developed for delivery to undergraduate BIA majors. Course (New) - Creation/Delivery: Conventional.

2009-2010 - Develop Applications of Six Sigma II (Service Operations), which now acts as one half of the DSS concentration for the MBA programs at SJU. Course (New) - Creation/Delivery: Conventional.

2008-2009 - SJU: DSS 5015 Six Sigma Applications and Foundations I Course (New) - Creation/Delivery: Conventional.

2008-2009 - Develop Applications of Six Sigma I (Manufacturing Operations), which now acts as one half of the DSS concentration for the MBA programs at SJU. Course (New) - Creation/Delivery: Conventional.

Course (New) - Creation/Delivery: Online

2010-2011 - Developed online version of DSS 560.

This course was dropped by another instructor, and therefore I developed it in just one month. Course (New) - Creation/Delivery: Online.

2008-2009 - Development of Introduction to Business Operations online course. Course (New) - Creation/Delivery: Online.

Student Assign-Independent Studies

2013-2014 - 2 students. Directed independent study. Student Assign-Independent Studies.

2012-2013 - 2 students. Directed independent study. Student Assign-Independent Studies.

2011-2012 - 4 students. Directed independent study. Student Assign-Independent Studies.

2010-2011 - 3 students. Directed independent study. Student Assign-Independent Studies.
2009-2010 - 4 students. Directed independent study on Supply Chain Management which resulted in published student/faculty research collaboration. Student Assign-Independent Studies.
2008-2009 - 1 student. SJU: DSS 2911 Six Sigma Foundations and Development II Student Assign-Independent Studies.
2008-2009 - 1 student. Modeling Uncertainty Using Advanced Regression and Simulation Methods

Explore the use of logistic regression, count data regression methods and monte carlo simulation in modeling survival rates for patients in palliative care settings. Student Assign-Independent Studies.

Other Teaching Activities

2010-2011 - SJU: EMBA Research Skills Other Teaching Activities.
2010-2011 - Redesign Applications of Six Sigma II (Service Operations) to focus on applying the Six Sigma framework to Sustainability projects. Other Teaching Activities.
2010-2011 - SJU: DSS 5015 Six Sigma Applications and Foundations I Other Teaching Activities.
2010-2011 - SJU: DSS 2911 Six Sigma Foundations and Development II Other Teaching Activities.
2010-2011 - SJU: DSS 1311 - Business Statistics Other Teaching Activities.
2009-2010 - SJU: EMBA Decision Making Techniques Other Teaching Activities.
2009-2010 - SJU: EMBA Research Skills Other Teaching Activities.
2009-2010 - SJU: DSS 2911 Six Sigma Foundations and Development II Other Teaching Activities.
2009-2010 - SJU: DSS 2011 - Quantitative Methods for Business Other Teaching Activities.
2009-2010 - SJU: DSS 5015 Six Sigma Applications and Foundations I Other Teaching Activities.
2008-2009 - SJU: DSS 1311 Business Statistics Other Teaching Activities.
2008-2009 - SJU: DSS 4715 Online delivery of Development of Decision Making Competencies Other Teaching Activities.
2008-2009 - SJU: MBA 3715 Van - Business Statistics with Excel Other Teaching Activities.
2008-2009 - SJU: DSS 1311 - Business Statistics Other Teaching Activities.
2008-2009 - SJU: MIM 5315 Quantitative Methods for Marketing Other Teaching Activities.
2008-2009 - SJU: MBA 3715 Van - Business Statistics with Excel Other Teaching Activities.
2008-2009 - SJU: DSS 2011 - Quantitative Methods for Business Other Teaching Activities.
2008-2009 - SJU: EMBA Research Skills Other Teaching Activities.
2007-2008 - SJU: MBA 3715 Van - Business Statistics with Excel Other Teaching Activities.
2007-2008 - SJU: DSS 2011 - Quantitative Methods for Business Other Teaching Activities.
2007-2008 - SJU: MBA 3715 Van - Business Statistics with Excel Other Teaching Activities.
2007-2008 - SJU: DSS 1311 - Business Statistics Other Teaching Activities.
2006-2007 - SJU: MBA 3715 - Business Statistics with Excel Other Teaching Activities.
2006-2007 - SJU: DSS 2011 - Quantitative Methods for Business Other Teaching Activities.
2006-2007 - SJU: DSS 1311 - Business Statistics Other Teaching Activities.
2005-2006 - Drexel University: Statistical Inference II Other Teaching Activities.
2005-2006 - Drexel University: Statistical Inference I Other Teaching Activities.

2005-2006 - Drexel University: Doctoral Course - Operations Research II: Stochastics Models in OR Other Teaching Activities.
2004-2005 - Drexel University: Statistical Inference I Other Teaching Activities.
2004-2005 - Villanova University: Business Statistics Other Teaching Activities.
2004-2005 - Villanova University: MBA Business Statistics Other Teaching Activities.
2004-2005 - Drexel University: Statistical Inference II Other Teaching Activities.
2003-2004 - Villanova University: Operations Management Other Teaching Activities.
2003-2004 - Villanova University: MBA Supply Chain Management Other Teaching Activities.
2002-2003 - Villanova University: Operations Management Other Teaching Activities.
2002-2003 - Widener University: MS program - Engineering Math Other Teaching Activities.
2002-2003 - Widener University: Data Structures Other Teaching Activities.
2002-2003 - Widener University: Programming in C++ Other Teaching Activities.
2002-2003 - Villanova University: Introduction to MIS Other Teaching Activities.

WORK EXPERIENCE

Non-Academic Experience

National

Project Manager/Consultant, Self employed (1997 - 2000), Yardley, Pennsylvania. -Performed all stages of the sales cycle for Shipcons II routing and scheduling software. Included initial client contact, on-site demonstration and follow-up presentations as well as presentations with other vendors to provide integrated product line demonstrations. -Trained new users on Shipcons II. Planned and implemented training program in-house and at user sites. -Maintained and supported Shipcons II software with established clients. Performed product upgrades and updates, training, on-site visits and day-to-day product support. -Performed optimization analysis of \$65 million North American transportation and distribution system for Fortune 500 appliance manufacturer using SAILS network design software. Solution represented initial savings of \$8 million dollars and reduction in number of facilities from 8 to 5. Final recommendations represented US \$15 million in annual savings. -Developed and presented Power Point presentations for all levels of audience; operations staff, technical personnel and multiple levels of management

Project Manager-National Accounts, Ryder Integrated Logistics (1996 - 1997), West Chester, Pennsylvania. -Developed and implemented project work plans including all phases of design, development, implementation, training and follow-up. -Managed multiple projects to successful completion typically resulting in the implementation of mathematical models and/or computer software. -Managed and coordinated implementation of technology for \$75 million account represented by 71 total locations, including: AS/400 upgrade, dispatch system, onboard computers, cellular communications, voice response unit, EDI, asset tracking, remote communications with system access, detail reporting and management reporting

Manager, Logistics Engineering, Ryder Integrated Logistics (1995 - 1996), Cleveland, Ohio. - Developed position descriptions, interviewed, hired, trained and managed staff of 4 logistics engineers, system administrator and administrative staff in support of \$75 million logistics outsourcing operation. Acted as mentor for two logistics engineers. -Set up and managed new account office, developed and implemented standard office procedures, including: computer equipment needs assessment and acquisition, employee time reporting, and invoice auditing and approval. -Developed and managed expedited freight plan and offshore distribution plans to Alaska, Hawaii and Puerto Rico network points. -Performed fleet size analysis for implementation of dedicated fleet and managed ongoing development of dynamic routes in support of dedicated truck fleet operation. Developed analysis framework for conversion of direct vendor shipments to cross dock shipments. -Oversaw contract carrier management process from contact with carriers

through selection, negotiations and contract signing. Continued to oversee carrier performance and issue resolution process. -Performed ongoing facility layout analysis for 5 cross dock facilities ranging in size from 70,000 square feet to 250,000 square feet facilitating continuous influx of new retail destinations; required consideration of static base delivery schedule, and dynamic geographic load building with dynamic demand.

Operations Research Analyst, New Penn Motor Express (1994 - 1995), Lebanon, Pennsylvania. - Developed truckload costing model using Microsoft Access and Microsoft Access Basic. Created user interface which allowed for data import, lane creation and interpretation, lane costing and management reporting. -Routinely performed statistical and mathematical analyses on large sets of data. -Trained users in multiple terminals on use of dispatch system.

Associate, A.T. Kearney, Inc (1992 - 1994), Alexandria, Virginia. -Designed and developed a network model for major manufacturer of commodity chemicals. The model includes four distribution echelons, toll processors and all land based transportation modes, and operates on commercial network building software. -Performed study of transportation and distribution network for a multi-divisional major manufacturer of consumer products. The analysis included incorporation of rate tables, historic and projected demand data, and manufacturing data. - Implemented computer model of outbound distribution network for major manufacturer of specialty chemicals. The implementation included multiple distribution echelons and all modes of transportation. Solution required statistical analysis of demand and rate data. -Performed strategic analysis of major courier company domestic transportation operations with the goal of competitive positioning recommendations. -Performed benchmarking study for manufacturer of auto parts. Produced analysis of their position relative to best practices in the industry. - Performed technical due diligence on start-up software joint venture, with heavy emphasis in EDI , transportation rating and booking of all major modes of transportation. -Evaluated inventory position of national reseller of computer equipment. Developed EOQ model, specific to their customer requirements and vendor limitations.

Transportation Consultant and Operations Research Analyst, Rohm and Haas Co., Inc (1988 - 1992), Philadelphia, Pennsylvania. Evaluated, selected and managed installation of software for use of Qualcomm two-way satellite communications units for a private dry van truck fleet. Oversaw continued use, performed training and acted as vendor liaison. Developed carrier choice optimization model for private fleet responsible for carriage of 45% of company packaged goods. The model was designed to generate the overall least cost transportation decision on a quarterly basis. Developed forecasting model to aid in the routing of continuous flow truckload movements. Forecasting model interfaced with Qualcomm front end software and received downloaded data on a weekly basis. Developed efficient routing and scheduling model for continuous flow truckload movements. Developed interfaces between all of the above models with the goal of producing a paperless environment. Completed multiple implementations of a Batch Production Scheduling Model (BPSM), organized and conducted user group meeting. Developed optimal environmental sampling plan for major producer of specialty chemicals.

Applications Analyst, ROVER Technology, Inc (1987 - 1988), Bala Cynwyd, Pennsylvania.

Operations Research Analyst , Leaseway Transportation, Inc (1985 - 1987), Cleveland, Ohio.

Consulting

2008-2009: Rovisys Co., Dairy Production Scheduling, Focus on dairy production scheduling. Assess needs and operation of dairy in order to customize software to meet all scheduling guidelines.

2007-2008: Rovisys Co., Dairy Production Scheduling, Consult on topics related to but not limited to production scheduling and supply chain integration.

SERVICE:

Service to the University

Department Assignments

Assurance of Learning - Institutional Service:

2008-2009 – 2010-2011: AOL Coordinator - DSS Quant Courses: Coordinator of AOL for Quantitative side of DSS department. Establish method of assessment, promote faculty participation and generate results.

2007-2008 – 2008-2009: AOL Coordinator - DSS Quant Courses: Coordinator of AOL for Quantitative side of DSS department. Establish method of assessment, promote faculty participation and generate results.

2007-2008: AOL Coordinator - DSS Quant Courses: Coordinator of AOL for Quantitative side of DSS department. Establish method of assessment, promote faculty participation and generate results.

Department Assignments

Chair:

2009-2010 – 2013-2014: Academic Coordinator of MS in Business Intelligence: Responsible for recruiting and hiring adjunct faculty. Responsible for scheduling courses and assigning faculty to teach. Act as primary presenter in online MSBI recruitment open houses. Handle all student feedback regarding academic issues within MSBI. Prep adjunct instructors for online course administration. Assist instructors in blackboard course updates.

Department Assignments

2006-2007 – present: Academic Advising: Advise approximately 35 undecided business majors annually.

2012-2013 – 2015-2016: Faculty Sponsor: Omega Rho Honor Society

2007-2008 – 2011-2012: DSS Admission Committee: Review and evaluation applications for MSBI. This primarily for students who do not strictly meet admissions criteria.

Other Institutional Service Activities:

2009-2010: Update content for departmental web site: Chartered with (and completed) task of updating web content to meet the university and department needs.

2008-2009: Developed Online Course: Applications of Business Intelligence: Developed Online Applications of Business Operations course. This course is offered within the online MS in Business Intelligence.

2008-2009: Develop content for new departmental web site: Chartered with (and completed) task of developing new web content to meet the university and department needs.

2008-2009: Developed Online Course: Introduction to Business Operations: Developed Online Introduction to Business Operations course. This course is offered within the online MS in Business Intelligence.

Writing Student Recommendations:

2006-2007 – present: Student Recommendations: Write recommendations for students applying for semester abroad, scholarships and academic competitions.

School Assignments

2006-2007 – present: Freshman Orientation: Present to freshman advisees on orientation day at start of semester. Introduce myself to my advisees and begin process of orienting them and presenting expectations for their role.

2008-2009 – present: Graduate Programs Committee: 1. Review implementation of AOL for MBA programs consistent with the HSB, AACSB, and university mission.

2. Review implementation of AOL for other graduate programs.
3. Explore development of additional grad programs both online and in class.
4. Review the AOL final document for AACSB report.

2008-2009 – present: DSS Admissions Committee

2008-2009: Graduate Programs Committee: 1. Review implementation of AOL for MBA programs consistent with the HSB, AACSB, and university mission.

2. Review implementation of AOL for other graduate programs.
3. Explore development of additional grad programs both online and in class.
4. Review the AOL final document for AACSB report.

2012-2013: HSB GEP Committee

2010-2011: HSB Online Program Task Force

2008-2009: HSB College Council

2010-2011: HSB Taskforce on Distance Education: Task force develops standards for new and revised online course development. Represented committee chair in meetings when asked. Determine appropriate technology platforms for course development.

2013-2014: HSB Technology

2008-2009: HSB Technology Committee

2008-2009 – 2011-2012: HSB Technology Committee: Participated on committee - attended meetings which guide technology implementation for Haub School. Completed AHP model to assist in selection of laptop vendor.

2009-2010: Haub School of Business College Council: Executive Committee Member and HSB Secretary

2008-2009 – 2009-2010: Haub School of Business College Council: Secretary and department representative to the Haub School of Business College Council.

2008-2009 – 2009-2010: Haub School of Business College Council: Executive Committee Member and HSB Secretary

2008-2009: Haub School of Business College Council: Member of Executive Committee and HSB Secretary

2008-2009: Haub School of Business College Council: Secretary and department representative to the Haub School of Business College Council.

2007-2008 – 2008-2009: HSB Technology Committee: Participated on committee - attended meetings which guide technology implementation for Haub School. Completed AHP model to assist in selection of laptop vendor.

2007-2008: HSB Technology Committee: Participated on committee - attended meetings which guide technology implementation for Haub School. Completed AHP model to assist in selection of laptop vendor.

Mentoring Activities:

2008-2009 - present: Freshman Orientation: Presented to multiple groups of freshman business students during first orientation session in July. Discussed business school functioning, faculty advising and general areas of interest to students.

Other Institutional Service Activities:

2007-2008: Development of Six Sigma Concentration: Development of six sigma concentration to be offered by DSS department to all MBA programs within the university. Completion of two course sequence prepares students to sit for Six Sigma Green Belt examination offered by the American Society of Quality.

University Assignments

Chair:

2013-2014 – 2015-2016: GEP First Year Seminar Committee: The First Year Seminar committee solicits and reviews proposals for courses to be added to the first year seminars taught within the GEP.

2012-2013 – 2015-2016: LMS Committee: Cochair committee to determine future direction of learning management system at SJU. (Al Labonis is the other cochair).

2011-2012 – 2013-2014: ATAC Blackboard Subcommittee

Member:

2011-2012 – 2013-2014: ATAC

2009-2010 – 2011-2012: Advisory Board on Faculty Compensation: ABFC is responsible for representing the faculty in negotiations with the administration. We review all aspects of compensation (salary and benefits). We meet with the administration to discuss budgets and appropriate recognition for faculty in terms of salary increases, structural increases, cost of medical benefits, compensation for additional activities, contract form and duration, etc.

2014-2015 – 2015-2016: Budget and Planning Committee: The Shared Governance Task Force is endorsing a proposal by consultant Tom Scheye to form a new combined Budget and Planning Committee. Initially, we will do this on a strictly ad hoc basis while we submit a formal mandate to be processed by the governance system.

2013-2014: Blackboard Steering Committee

2013-2014: Budget Advisory Committee: Replacement appointment to BAC by university president

2012-2013: Board on Rank and Tenure: presidential appointee to BRT

2009-2010 – 2011-2012: Curriculum Implementation Task Force Committee on Non-Western Studies: A member of the committee soliciting and approving courses for the new GEP non-Western studies requirement.

2009-2010 – 2010-2011: Distance Education Committee: Establish standards for online course development university wide. Work in consultation with APP to develop appropriate student evaluations for faculty teaching online courses.

2013-2014 – 2015-2016: Faculty Policies and Procedures

2014-2015 – 2015-2016: Faculty Review Board

2009-2010 – 2012-2013: Faculty Senate: Executive Council

2010-2011: Faculty Senate Executive Council - Election Committee Liaison.

2011-2012: Faculty Senate Executive Committee - Secretary

2009-2010: GEP Implementation Committee: Faith and Reason: Member of implementation committee for revised curriculum in the area of faith and reason.

2009-2010: GEP Implementation Committee: Non-Western Area Studies: Member of implementation committee for revised curriculum in the area of non-western studies.

2012-2013 – 2013-2014: Middlestates Task Force Area 3

2012-2013: University Council (Faculty Senate Secretary)

2011-2012: University Council Executive Committee

2010-2011 – 2011-2012: University Council - Faculty Senate Representative (Election Liaison): Serve on University Council as Faculty Senate Representative (Election Liaison).

Mentoring Activities:

2007-2008 – 2008-2009: Discussion Leader - Freshman Orientation: Let student group discussion for Freshman orientation - read and discussed Stealing Democracy.

2013-2014 – 2015-2016: University Connector

2008-2009 – 2009-2010: University Connector Coordinator: Act as connector, providing support, advice and mentoring for 15 entering freshmen.

2008-2009: University Connector Coordinator: Act as connector, providing support, advice and mentoring for 15 entering freshmen.

University Assignments

Other Institutional Service Activities:

2013-2014 – 2015-2016: Jesuit Commons - Higher Education on the Margins: **Jesuit Commons: Higher Education at the Margins** (JC:HEM) is an initiative of the Society of Jesus that brings Jesuit higher education to those at the margins of our society. It draws on the rich and centuries long Jesuit tradition of higher education and mobilizes the resources of the Jesuit worldwide network of educational institutions. [Click here](#) to find out more about Jesuit Commons, Higher Education at the Margins.

Fall 2013 - Intro to Logic Course online

Fall 2014 - project management online

Spring 2015 - Dynamic Algebra

2012-2013: Ignatian Pedagogy: A four week training program in the application of Ignatian Pedagogy to classes of all kinds.

2012-2013: Ignatian Leadership Program: A faculty body across colleges, the ILP provided the opportunity to learn about many aspects of Ignatian leadership.

Service to the Profession

Academic Conference: Moderator / Facilitator

2013-2014: Northeast Decision Sciences Institute Annual Meeting. Track chair, invited panelist, session chair and presenter

Academic Conference: Panelist

2013-2014: INFORMS National Meeting, Minneapolis, Minnesota. Invited Panelist on Data Mining education

Board of Directors: Substantial Involvement

2013-2014 – 2014-2015: Northeast Decision Sciences Institute.

Chair: Conference / Track / Program

2014-2015: Asia Pacific Decision Sciences Institute, Hing Kong.

2013-2014 – 2014-2015: Northeast Decision Sciences Institute (NEDSI), Cambridge, Massachusetts.

2012-2013 – 2014-2015: INFORMS National Meeting Philadelphia,, Philadelphia, Pennsylvania. Contributed Papers co-chair

2013-2014: Northeast Decision Sciences Institute Annual Meeting, Philadelphia, Pennsylvania. Session chair and presenter

2008-2009: Decision Sciences Institute Annual Meeting, Baltimore, Maryland. Session Chair for the MS/OR track for the Decision Sciences Institute annual meeting.

Reviewer - Article / Manuscript

2008-2009 – 2013-2014: European Journal of Operations Research. Reviewed papers submitted for publication in the European Journal of Operational Research

2008-2009: European Journal of Operations Research. Reviewed papers submitted for publication in the European Journal of Operational Research

2007-2008: Decision Sciences Institute Annual Meeting.

2007-2008: European Journal of Operations Research.

2006-2007: Decision Sciences Institute Annual Meeting at San Antonio.

2006-2007: Journal of Computational Statistics.

Editor: Associate Editor

2008-2009: Advances in Business and Management Forecasting. Senior Editor of serial publication: Advances in Business and Management Forecasting.

2008-2009: The Supply Chain in Manufacturing, Distribution and Transportation. Senior Editor of Serial volume: The Supply Chain in Manufacturing, Distribution and Transportation

Editor: Journal Editor

2013-2014 – 2014-2015: International Journal of Business Intelligence Research.

Member: Committee/Task Force

2007-2008 – 2008-2009: Local chapter of INFORMS. Member of committee to reestablish local chapter of informs, charter member and officer.

Officer: Organization / Association

2008-2009: INFORMS. Treasurer of INFORMS Philadelphia Regional Chapter

Other Professional Service Activities

2005-2006 – 2010-2011: INFORMS. Member

2005-2006 – 2010-2011: Decision Sciences Institute. Member

Reviewer: Conference Paper

2006-2007 – 2010-2011: Decision Sciences Institute Annual Meeting. Review papers for presentation and publication in proceedings of the annual meetings of the Decision Sciences Institute.

2006-2007 – 2010-2011: Northeast Decision Sciences Institute Annual Meeting. Review papers for presentation and publication in proceedings of the annual meetings of the Northeast Decision Sciences Institute.

Service to the Community

Member of a Committee

2010-2011 – 2013-2014: Grade Representative for Parent Teacher Group - Penncrest High School, One of three representatives for the graduating class of 2014. Service includes planning events, fundraising and parent teacher group governance.

Other Community Service Activities

2013-2014: Extraordinary Minister of Holy Communion

2008-2009 – 2013-2014: Military Packages, Coordinate collection of donations for delivery to military units in Afghanistan/Iraq/Deployed Fleet Vessels, extended a family effort to a very responsive university population. Extended collection to local high school in 2012

2010-2011 – 2011-2012: Relay for Life, Relay for life is an event to raise money for breast cancer research. It required sponsorship for 12 hours of walking.

2009-2010 – 2010-2011: Volunteer Instructor for Challenge Program, Instructor for challenge program for St. Mary Magdalen grade school. Taught introductory topics in Operations Research, providing advanced education for students in 8th grade.

2008-2009: Relay for Life, Relay for life is an event to raise money for breast cancer research. It required sponsorship for 12 hours of walking.

2007-2008: Race for the Cure, Walked to raise money for Breast Cancer Research.

2007-2008: 3 day walk for Breast Cancer, Completed 60 mile walk and raised \$2540 for breast cancer research.

2006-2007 – 2007-2008: Volunteer Instructor for Challenge Program, Instructor for challenge program for St. Mary Magdalen grade school. Taught introductory topics in Operations Research, providing advanced education for students in 8th grade.

Faculty Development

Instructional-Related Conference

2008-2009: Master Teacher Certification, Atlanta, Georgia. MAster Teacher Training is a one week session designed to expand your capabilities as an instructor, make you more responsive to your students while maintaining solid acadmic content in courses.

Honors-Awards-Grants

Award

2009-2010: Emerald LiteratiNetwork Award for Excellence 2010. Outstanding Author Contribution Award: awarded for an aception paper from the previous 12 months of 'Advances in Business and Management Forecasting.'

Awarded for the paper titled: 'Econometric Count Data Forecasting and Data Mining (Cluster Analysis) Applied to Stochastic Demand in Truckload Routing.'

2008-2009: St. Joseph's University Outstanding Research Award. Outstand Research award recognizing my strong work and dedication toward my research. cash award of \$1500 presented Fall 2008.

2005-2006: Drexel University Annual Research Day 2005 Poster Contest. Dean's Award for Bennett S. LeBow College of Business. Awarded \$1000.

2005-2006: Drexel University Outstanding Dissertation Award. Winner: Awarded \$1000

2004-2005: Drexel University Annual Research Day 2004 Poster Contest. Winner in Business Research Initiatives. Awarded \$500.

Honor

2009-2010: Who's Who Among America's Women. Biography published in National Volume

2007-2008: Who's Who Among America's Women. Biography published in national volume.

2005-2006: Who's Who Among America's Women. Biography published in national volume.

2004-2005: Who's Who Among America's Teachers. Biography published in national volume.

2001-2002: Who's Who Among America's Teachers. Biography published in national volume.