

JAMES F. CAMPBELL

Professor of Management Science & Information Systems
 College of Business Administration
 University of Missouri-St. Louis
 One University Boulevard
 St. Louis, MO USA 63130-4499
 campbell@umsl.edu

ACADEMIC EXPERIENCE

PROFESSOR OF MANAGEMENT SCIENCE & INFORMATION SYSTEMS College of Business Administration, University of Missouri-St. Louis	1999-present
RESEARCH ASSOCIATE, INTERNATIONAL BUSINESS INSTITUTE College of Business Administration, University of Missouri-St. Louis	2006- present
AREA COORDINATOR, MANAGEMENT SCIENCE & INFORMATION SYSTEMS College of Business Administration, University of Missouri-St. Louis	1997-1999
ASSOCIATE PROFESSOR OF MANAGEMENT SCIENCE & INFORMATION SYSTEMS	1993-1999
ASSISTANT PROFESSOR OF MANAGEMENT SCIENCE AND INFORMATION SYSTEMS School of Business Administration, University of Missouri-St. Louis	1987-1993
PH.D., INDUSTRIAL ENGINEERING AND OPERATIONS RESEARCH Minors: Computer Science and Electrical Engineering Systems University of California, Berkeley	1987
M.S., INDUSTRIAL ENGINEERING AND OPERATIONS RESEARCH University of California, Berkeley	1983
B.S., SYSTEMS SCIENCE AND MATHEMATICS Washington University, St. Louis, Missouri	1981

AWARDS

Best Paper Award at the 40 th Hawaii International Conference on Systems Sciences (HICSS) in the Decision Technologies and Service Sciences track	2007
Douglas E. Durand Award for Research Excellence	2005
Fulbright Senior Scholar Award Five month research visit to CSIRO in Melbourne, Australia.	2000

INSTRUCTION

COURSES TAUGHT

Business Logistics Systems
Special Topics in Logistics & Supply Chain Management: Continuous Approximation Modeling & Location Analysis
Management Science Methods
Advanced Operations Research Topics
Introduction to Geographic Information Systems
Introduction to Operations Management
Doing Business Globally – “Securing Resources, Servicing Markets” (Executive iMBA program for Seinajoki University of Applied Sciences, Finland)
Global Supply Chain Management (for Jaingsu, China Entrepreneur training program)

INDEPENDENT STUDY COURSES

Geographic Information Systems in Banking
Information Systems in Transportation Management
Location-Allocation Problems
Container Shipping and Security
Barge Shipping
The Effect of Natural Disasters on Logistics

PUBLICATIONS: Refereed Articles and Book Chapters

Campbell, J.F. “Hub Location for Time Definite Transportation”, *Computers & Operations Research* 36, 3107-3116, 2009.

Sweeney, D.C. II, Campbell, J.F., Mundy, R.A. “Teaching Supply Chain and Logistics Management Through Commercial Software”, *International Journal of Logistics Management*, in press, 2009.

Smith, L.D., Sweeney, D.C. II, and Campbell, J.F. “Simulation of Alternative Approaches to Relieving Congestion at Locks in a River Transportation System”, *Journal of the Operational Research Society* 60, 519-533, 2009.

Perrier, N., Langevin, A. and Campbell, J.F. “The Sector Design and Assignment Problem for Snow Disposal Operations”, *European Journal of Operational Research* 189,508-525, 2008.

Smith, L.D., Campbell, J.F., and Mundy, R. “Modeling Net Rates for Expedited Freight Services”, *Transportation Research E* 43, 192-207, 2007.

Perrier, N., Langevin, A. and Campbell, J.F. “A Survey of Models and Algorithms for Winter Road Maintenance System Design. Part III: Vehicle Routing and Depot Location for Spreading”, *Computers & Operations Research* 34, 211-257, 2007.

Perrier, N., Langevin, A. and Campbell, J.F. “A Survey of Models and Algorithms for Winter Road Maintenance System Design: Part IV: Vehicle Routing and Fleet Sizing for Plowing and Snow Disposal”, *Computers & Operations Research* 34, 258-294, 2007.

- Perrier, N., Langevin, A. and Campbell, J.F. "A Survey of Models and Algorithms for Winter Road Maintenance. Part I: System Design for Spreading and Plowing", *Computers & Operations Research* 33, 209-238, 2006.
- Perrier, N., Langevin, A. and Campbell, J.F. "A Survey of Models and Algorithms for Winter Road Maintenance. Part II: System Design for Snow Disposal", *Computers & Operations Research* 33, 239-262, 2006.
- Campbell, J.F., Ernst, A. and Krishnamoorthy, M. "Hub Arc Location Problems: Part I - Introduction and Results", *Management Science* 51, 1540-1555, 2005.
- Campbell, J.F., Ernst, A. and Krishnamoorthy, M. "Hub Arc Location Problems: Part II - Formulations and Optimal Algorithms", *Management Science* 51, 1556-1571, 2005.
- Riopel, D., Langevin, A., and Campbell, J.F. "The Network of Logistics Decisions", in A. Langevin and D. Riopel (eds.). *Logistics Systems: Design and Optimization*, Springer, New York, 1-38, 2005.
- Campbell, J.F. "Strategic Network Design for Motor Carriers", in A. Langevin and D. Riopel (eds.). *Logistics Systems: Design and Optimization*, Springer, New York, 245-278, 2005.
- Smith, L.D., Campbell, J.F., and Mundy, R. "Basing Rate Adjustments for Motor Carriers on Statistical Evidence", *Journal of Transportation Management* 15(1), 1-13, 2004.
- Campbell, J.F., Stiehr, G., Ernst, A. and Krishnamoorthy, M., "Solving Hub Arc Location Problems on a Cluster of Workstations", *Parallel Computing* 29, 555-574, 2003.
- Campbell, J.F. and Langevin, A. "Sector Design for Snow Removal and Disposal in Urban Areas", *Socio-Economic Planning Science* 36, 183-2002, 2002.
- Campbell, J.F., Ernst, A. and Krishnamoorthy, M. "Hub Location Problems", in Z. Drezner and H. Hamacher (eds.). *Facility Location: Applications and Theory*, Springer-Verlag, Heidelberg, Germany, 373-408, 2002.
- Campbell, J.F. Labelle, A. and Langevin, A. "A Hybrid Urban Travel Distance Approximation for a GIS- based Decision Support System", *Journal of Business Logistics* 22, 165-181, 2001.
- Smith, L.D., Subramanian, A., Campbell, J.F., Bird, D. and Nelson, A.C. "Strategic Planning for Municipal Information Systems: Lessons from a Large US City", *American Review of Public Administration* 31(2), 139-157, 2001.
- Campbell, J.F. and Langevin, A. "Roadway Snow and Ice Control", in M. Dror (Ed.) *Arc Routing: Theory, Solutions, and Applications*, Kluwer Academic Publishers, Norwell, Massachusetts, 389-418, 2000.
- Subramanian, A., Smith, L.D., Nelson, A.C., Campbell, J.F. and Bird, D. "Strategic Planning for Data Warehousing", *Information & Management* 33, 99-113, 1997.

- Campbell, J.F. "Introduction", *Location Science* 4, 121-123, 1996. (Introduction to special issue on hub location for which I served as guest editor.)
- Campbell, J.F. "Hub Location and the p -Hub Median Problem", *Operations Research* 44, 923-935, 1996.
- Langevin, A., Mbaraga, P. and Campbell, J. F. "Continuous Approximation Models in Freight Distribution: An Overview", *Transportation Research* 30B, 163-188, 1996.
- Campbell, J. F. and Langevin, A. "The Snow Disposal Assignment Problem", *Journal of the Operational Research Society* 46, 919-929, 1995.
- Campbell, J. F. and Langevin, A. "Operations Management for Urban Snow Disposal", *Transportation Research* 29A, 359-370, 1995.
- Campbell, J. F. "Peak Period Large Truck Restrictions and a Shift to Off-Peak Operations: Impact on Truck Emissions and Performance", *Journal of Business Logistics* 16(2), 227-248, 1995.
- Campbell, J. F. "Using Small Trucks to Circumvent Large Truck Restrictions: Impacts on Truck Emissions and Performance Measures", *Transportation Research* 29A, 445-459, 1995.
- Campbell, J.F. "Integer Programming Formulations of Discrete Hub Location Problems", *European Journal of Operational Research* 72, 387-405, 1994.
- Campbell, J.F. "A Survey of Network Hub Location", *Studies in Locational Analysis* 6, 31-49, 1994.
- Campbell, J.F. "Continuous and Discrete Demand Hub Location Problems", *Transportation Research* 27B, 473-482, 1993.
- Campbell, J.F., "One-to-Many Distribution with Transshipments: An Analytic Model", *Transportation Science* 27, 330-340, 1993.
- Campbell, J.F. "Location-Allocation for Distribution to a Uniform Demand with Transshipments", *Naval Research Logistics* 39, 635-649, 1992.
- Campbell, J.F. "Location and Allocation for Distribution Systems with Transshipments and Transportation Economies of Scale", *Annals of Operations Research* 40, 77-99, 1992.
- Campbell, J.F. "Selecting Routes to Minimize Urban Travel Time", *Transportation Research* 26B, 261-274, 1992.
- Campbell, J.F. and Joshi, K. "Materials Receiving Capacity and Inventory Management", *OMEGA, The International Journal of Management Science* 19, 559-566, 1991.
- Joshi, K. and Campbell, J.F. "Managing Inventories in a JIT Environment", *International Journal of Purchasing and Materials Management* 27(2), 32-36, 1991.
- Campbell, J.F. "Freight Consolidation and Routing with Transportation Economies of Scale", *Transportation Research* 24B, 345-361, 1990.

Campbell, J.F. “Locating Transportation Terminals to Serve an Expanding Demand”, *Transportation Research* 24B, 173-192, 1990.

Campbell, J.F. “Designing Logistics Systems by Analyzing Transportation, Inventory and Terminal Cost Tradeoffs”, *Journal of Business Logistics* 11, 159-179, 1990.

Kahng, J.K., Jeng, C.Y., Campbell, J.F. and May, A.D. “Developing Segmentwide Traffic Responsive Freeway Entry Control”, *Transportation Research Record* 957, 5-13, 1984.

PUBLICATIONS: Research Reports, Book Reviews, Proceedings and Other Works

Campbell, J.F., “Designing Hub Networks with Connected and Isolated Hubs”, *Odysseus 2009 (International Workshop on Freight Transportation and Logistics) Proceedings*, 3 pages, CD-ROM, Cesme, Turkey, May 26-29, 2009.

Sasaki, M., Campbell, J.F., Ernst, A.T., and Krishnamoorthy, M., “Hub Arc Location with Competition”, Nanzan-TR-2008-03, Technical Report of the Nanzan Academic Society, Japan, 2009. <http://www.seto.nanzan-u.ac.jp/msie/nas/tech-report/NANZAN-TR-2009-03.pdf>

Sasaki, M., Campbell, J.F., Krishnamoorthy, M. and Ernst, A.T., “Designing Hub and Spoke Transportation Systems for a Competitive Environment”, *International Conference of Industrial Engineering and Systems Management (IESM 2009) Proceedings*, 10 pages, CD-ROM, Montreal, Canada, May 13-15, 2009.

Campbell, J.F., Smith, L.D., and Sweeney II, D.C. “A Robust Strategy for Managing Congestion at Locks on the Upper Mississippi River”, *Proceedings of the 42nd Hawaii International Conference on System Sciences (HICSS-42)*, 10 pages, CD-ROM, IEEE Computer Society, January 2009.

Smith, L.D., Nauss, R.M., Campbell, J.F., and Sweeney II, D.C. “Triangulation of Modeling Methodologies for Strategic Decisions in an Inland Waterway Transportation System”, *Proceedings of the 42nd Hawaii International Conference on System Sciences (HICSS-42)*, 10 pages, CD-ROM, IEEE Computer Society, January 2009.

Smith, L.D., Sweeney II, D.C., Campbell, J.F. and Nauss, R.M. “Simulation of Operating Procedures and Infrastructure Changes in the Upper Mississippi Navigation System”, *Proceedings of the 2008 Spring Simulation Multiconference*, Ottawa, Canada, 2008, 231-238.

Campbell, J.F., Smith, L.D., Sweeney II, D.C., Mundy, R. and Nauss, R.M. “Decision Tools for Reducing Congestion at Locks on the Upper Mississippi River”, *Proceedings of the 40th Hawaii International Conference on System Sciences (HICSS-40)*, 10 pages, CD-ROM, IEEE Computer Society, January 2007.

Smith, L.D., Sweeney II, D.C., and Campbell, J.F. “A Simulation Model to Evaluate Decision Rules for Lock Operations on the Upper Mississippi River”, *Proceedings of the 40th Hawaii International Conference on System Sciences (HICSS-40)*, 10 pages, CD-ROM, IEEE Computer Society, January 2007.

- Smith, L.D., Campbell, J.F., and Mundy, R. "Modeling Revenues for Expedited Freight Services", *Proceedings of the Western Decision Sciences Institute Conference*, Waikoloa, Hawaii, April 11-15, 2006.
- Mundy, R.A. and Campbell, J.F., *Management Systems for Inland Waterway Traffic Control*", *Volume I: Identification and Evaluation of Alternatives for Managing Lock Traffic on the Upper Mississippi River*, Final Report, Center for Transportation Research and Education, Iowa State University, Ames, Iowa, November, 2005.
- Mundy, R.A. and Campbell, J.F., *Management Systems for Inland Waterway Traffic Control*", *Volume II: Vessel Tracking for Managing Traffic on the Upper Mississippi River*, Final Report, Center for Transportation Research and Education, Iowa State University, Ames, Iowa, November, 2005.
- Sweeney, D., Campbell, J.F. and Mundy, R. "Teaching with Commercial Logistics an Supply Chain Software", *Proceedings of the Thirty-Fourth Annual Supply Chain Management Educators Conference*, San Diego, California, October 23, 2005.
- Campbell, J.F., Ernst, A. and Krishnamoorthy, M. "Models and Algorithms for Locating Hub Arcs", *Proceedings 15th National ASOR Conference*, (Gold Coast, Australia, 4-7 July 1999), 269-283, 1999.
- Campbell, J.F., Ernst, A. and Krishnamoorthy, M. "New Models for Hub Location in Transportation Networks", *3rd Congrès international de génie industriel/International Industrial Engineering Conference - Actes/Proceedings*, Vol. III, 2063-2072, Presses Internationales Polytechnique, May 1999.
- Riopel, D., Langevin, A. and Campbell, J.F. *Processus décisionnel des fonctions logistiques*, GERAD Report G-98-16, GERAD-HEC Montreal, Montreal, Canada, 1998.
- Riopel, D., Langevin, A. and Campbell J.F. "Integrating Logistics in Concurrent Product and Process Design", *Proceedings of the 2nd International Conference on Engineering Design and Automation*, H.R. Parsaei, M. Gen, Y. Tsujimura, H.R. Leep, J.P. Wong, eds., Integrated Technology Systems, Inc., Louisville, Kentucky, 1998.
- Smith, L. Douglas, Campbell, J.F., Subramanian, A., Bird, D.A. and Nelson, A.C. "Strategic Planning for Municipal Information Systems: Methodology, Application and Results", *Proceedings of the Twenty-Sixth Annual Meeting of the Western Decision Sciences Institute*, Richard L. Jenson, ed., 505-506, 1997.
- Book review of *Gravity Models for Spatial Interaction Behavior*, by A. Sen and T. Smith, *Transportation Research* 31A, 349-350, 1997.
- Campbell, J.F. "An Interdisciplinary Approach to GIS for Business Schools", *Business Geographics for Educators and Researchers Proceedings* 30 May 1996, 35-44.
- Subramanian, A., Smith, L. D., Nelson, A. C., Campbell, J.F., and Bird, D. "Strategic Planning for Data Warehousing in the Public Sector", *Proceedings of the Twenty-Ninth Annual Hawaii*

International Conference on System Sciences, 454-461, 1996.

Nauss, R., Campbell, J.F. and Ronen, D. *Research Productivity at Business Schools in the Big 10, Big 8 and the State of Missouri*, Center for Business & Industrial Studies report CBIS 95-06-03, University of Missouri - St. Louis, St. Louis, Missouri, 1995.

ArcView 2 Layout (map product) and descriptive text, p. 255-257 in *Inside ArcView*, by S. Hutchinson and L. Daniel, OnWord Press, Santa Fe, New Mexico, 1995.

Labelle, A., Langevin, A., and Campbell, J. F. "Optimisation du deneigement: design des secteurs et affectations aux sites de deversement", *Congrès international de genie industriel de Montreal/International Industrial Engineering Conference - Actes/Proceedings*, Vol. III, 1865-1874, Editions de l'Ecole Polytechnique, October 1995.

Campbell, J. F. and Langevin, A. "Managing Urban Snow Removal and Disposal Operations", *Proceedings of the Triennial Symposium on Transportation Analysis*, Tristan II, 851-855, Capri, Italy, June, 1994.

Book review of *Transportation Networks: A Quantitative Treatment*, by Dusan Teodorovic, *Transportation Research* 25A, 150-152, 1991.

Campbell, J.F., Walter, J.E., Smith, L.D. et al. *Impact of the Proposed Expansion of Lambert Airport upon Instructional Processes and Finances of the Pattonville School District*, Report prepared for the Pattonville School District, The Center for Business and Industrial Studies, UM-St. Louis, July, 1990.

PAPER PRESENTATIONS (since 2000)

"Designing Hub Networks with Connected and Isolated Hubs", Odysseus 2009 (International Workshop on Freight Transportation and Logistics), Cesme, Turkey, May 29, 2009.

"Designing Hub and Spoke Transportation Systems for a Competitive Environment", Invited presentation at International Conference of Industrial Engineering and Systems Management (IESM 2009), Montreal, Canada, May 15, 2009.

"New directions in hub location research for transportation systems", Invited presentation at University of Illinois Industrial and Enterprise Systems Engineering seminar, University of Illinois, April 28, 2009.

"Hub Location for Time Definite Transportation", INFORMS Annual Meeting, Washington, D.C., October 2008.

"Hub Location for Time Definite Transportation", ISOLDE XI (International Symposium on Locational Decisions), Santa Barbara, California, July 2008.

"Simulation of Operating Procedures and Infrastructure Changes in the Upper Mississippi Navigation System" 2008 Spring Simulation Multiconference, Ottawa, Canada, April 2008.

- “Managing Congestion at Locks on the Upper Mississippi River (UMR)”, *5th Workshop on Logistics and Supply Chain Management*, Berkeley, California, October 2007.
- “Modeling and Managing Congestion at Locks on the Upper Mississippi River”, Auckland University of Technology, Auckland, New Zealand, July 2007.
- “Decision Tools for Reducing Congestion at Locks on the Upper Mississippi River”, Hawaii International Conference on System Sciences (HICSS-40), Waikoloa, Hawaii, January 2007.
- “A Simulation Model to Evaluate Decision Rules for Lock Operations on the Upper Mississippi River”, Hawaii International Conference on System Sciences (HICSS-40), Waikoloa, Hawaii, January 2007.
- “Modeling Revenues for Expedited Freight Services”, Western Decisions Sciences Institute Meeting, Waikoloa, Hawaii, April 2006.
- “Geographic Information Systems for Tracking Vessels on the Inland Waterways”, NETS (Navigation Economic Technologies) Symposium, Salt Lake City, Utah, January 13, 2006.
- “The Network of Logistics Decisions”, INFORMS National Meeting, San Francisco, California, November, 2005.
- “Teaching with Commercial Logistics and Supply Chain Software”, Thirty-Fourth Annual Supply Chain Management Educators Conference, San Diego, California, October 23, 2005.
- “Geographic Information Systems for Tracking Vessels on the Inland Waterways” and “Vessel Tracking Prototype for the UMR”, Final study conference for project “Geographic Information Systems for Tracking Vessels on the Inland Waterways”, Center for Transportation Studies, University of Missouri – St. Louis, St. Louis, Missouri, June 15, 2005.
- “The Network of Logistics Decisions”, International Colloquium for the 25th Anniversary of GERAD, Montreal, Canada, May11-13, 2005.
- “Strategic Design of Hub Networks for Trucking”, International Colloquium for the 25th Anniversary of GERAD, Montreal, Canada, May11-13, 2005.
- “Panel on Challenges and Future Trends of OR Methods in Logistics”, International Colloquium for the 25th Anniversary of GERAD, Montreal, Canada, May11-13, 2005.
- “Hub Location and Network Design for Trucking”, Tippie Transportation Seminar Series, University of Iowa, Iowa City, IA, April 2005.
- “Strategic Network Design for Time Definite Trucking”, TRISTAN V (Triennial Symposium on Transportation Analysis), Le Gosier, Guadeloupe, June 2004.
- “Hub Location and Network Design for Time Definite Trucking”, CORS/INFORMS International Meeting, Banff, Canada, May 2004.
- “Models for Managing Effective Rates for Time Definite Trucking”, CORS/INFORMS International

Meeting, Banff, Canada, May 2004.

“Strategic Analyses for Trucking: Evaluating Acquisitions and Simplified Rates”, GERAD, Montreal, Canada, March, 2003.

“Hub Arc Location Problems”, ISOLDE IX, St. Andrews, New Brunswick, Canada, June, 2002.

“Hub Arc Location Problems,” INFORMS International Meeting, Kahului, Hawaii, July 2001.

“Solving Hub Arc Location Problems”, INFORMS National Meeting, San Antonio, Texas, November 2000.

“Snowfighting with Operations Research”, CSIRO Operations Research Group, Melbourne, Australia, April 4, 2000; School of Mathematics Seminar, University of South Australia, Adelaide, Australia, April 14, 2000.

“New Models for Hub Location and Network Design”, Centre in Statistical Science and Industrial Mathematics, Queensland University of Technology, March 1, 2000; School of Mathematics Seminar, University of South Australia, April 14, 2000; Australian Society for Operations Research, Melbourne Chapter, April 19, 2000.

GRANTS

L3 GSI, INC. FOR U.S. AIR MOBILITY COMMAND AT SCOTT AIR FORCE BASE “Tanker Deployment Planning for Aerial Refueling”	2007
U.S. GEOLOGICAL SURVEY (U.S. ARMY CORPS OF ENGINEERS) “Geographic Information Systems for Tracking Vessels on the Inland Waterways”	2004–2005
UM-ST. LOUIS RESEARCH AWARD “Network Design for Time Definite Trucking”	2004
UNIVERSITY OF ALABAMA GREATER CITIES UNIVERSITIES TRANSPORTATION INITIATIVE PROGRAM Theme 5a – Technology Transfer from Private to Public Transportation Providers	2001-2002
UM-ST. LOUIS RESEARCH AWARD “Improved Models of Hub Location and Network Design”	2000
NSERCC (NATURAL SCIENCES AND ENGINEERING RESEARCH COUNCIL OF CANADA) “Processus décisionnels génériques et systèmes intégrés d'aide à la decision en logistique” (joint proposal with eight co-investigators)	1996–1998
CITY OF ST. LOUIS “Preparation of a Multi-Year Strategic Plan for Municipal Information Systems” (Co-investigator with L.D. Smith, PI)	1995

	June 2009
QUEBEC STUDIES GRANT PROGRAM “Decision Support for Snow Disposal in Montreal”	1993
WELDON SPRING FUND, UNIVERSITY OF MISSOURI “Large Truck Restrictions and Urban Traffic Congestion: Analytical Models”	1991–1992
UM-ST. LOUIS SUMMER RESEARCH FELLOWSHIP “Facility Location in Zones Containing High Speed Roadways”	1990
PATTONVILLE SCHOOL DISTRICT, MISSOURI “Impact of the Proposed Expansion of Lambert Airport upon Instructional Processes and Finances of the Pattonville School District”	1989-1990

CONTRACT RESEARCH

CLIF BAR INC. Network Analysis and Warehouse Location Study	2005
FORWARD AIR CORP. Pricing Analysis and Freight Rate Modeling for Expedited Trucking	2000-2003

PROGRAM DEVELOPMENT

Logistics & Supply Chain Management Ph.D. Committee	2006-present
Led efforts to establish the Ph.D. emphasis in Logistics & Supply Chain Management	2004-2006
Coordinated efforts and played a major role to establish the Graduate Certificate and MBA emphasis in Logistics & Supply Chain Management	2000-2002
Led efforts to establish the Ph.D. in Business Administration with an emphasis in Information System as MSIS Area Coordinator	1998-1999

SERVICE ACTIVITIES

Associate Editor, *OMEGA - The International Journal of Management Science*, 2009 – present
 Editorial Advisory Board Member, *Transportation Research*, 1991 – present
 Editorial Advisory Board Member, *Journal of Revenue Management*, 2007 – present
 “UPS-SOLA Dissertation Award” committee member, 2005, 2007 (INFORMS Section on Location Analysis biennial dissertation award)
 Guest Editor, *Location Science* special issue on hub facility location, vol. 4, no. 3, 1996.
 Editor, *Proceedings of the 26th Annual Meeting of the Midwest Decision Sciences Institute*, May 1995.

Program Co-chair - IFORS specialized international conference on Operations Research and Engineering Design, St. Louis, Missouri, October 24-27, 1995.

Aeronautics and Surface Transportation Subgroup member, St. Louis Task Force on Critical Technologies, 1993.

Program Committee member - TIMS College on Location Analysis, 1991-92.

Journal Reviewer for:

Annals of Operations Research

Computer & Operations Research

Computers & Industrial Engineering

Economic Geography

European Journal of Operational Research

Geographical Analysis

IIE Transactions

Interfaces

*International Journal of Operations and
Quantitative Management*

International Regional Science Review

*International Transactions in Operational
Research*

Journal of Revenue Management

Journal of the Operational Research Society

Location Science,

Management Science

Naval Research Logistics

Networks

OMEGA

Operations Research

OR Spektrum

Papers in Regional Science

Parallel Computing

RAIRO-Operations Research

Transportation Research A, B & E,

Transportation Science

Transportmetrica

Other reviews:

National Science Foundation (NSF), USA

Natural Sciences & Engineering Research Council of Canada (NSERC)

Research Grants Council of Hong Kong

Israel Science Foundation

CSIRO (Commonwealth Scientific & Industrial Research Organization), Mathematical and Information Sciences, Australia

Australian Department of Education, Science and Training

The Research Council of Norway

Publishers: Prentice Hall, John Wiley & Sons, McGraw Hill

Dissertation/Thesis Committees

Jiang Yuan, M.Phil., Hong Kong Polytechnic University, Hong Kong, 2008.

Jamie Ebery, Ph.D., Monash University, Melbourne, Australia, 2000.

Sandra Arango, Ph.D., University of Missouri – St. Louis, 1999.

Jacqueline Goerck, Ph.D., University of Missouri – St. Louis, 1996.

Alain Labelle, M.S., Ecole Polytechnique de Montreal, Montreal, Canada, 1995.