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EDUCATION:

Ph.D. in Industrial Engineering and Operations Research, *Columbia University*, New York, USA, May 1985

M. Phil. in Industrial Engineering and Operations Research, *Columbia University*, New York, USA, October 1979

M.S. in Industrial and Management Engineering, *Columbia University*, New York, USA, October 1977

B.Sc. in Mechanical Engineering, *Mosul University*, Mosul, Iraq, June 1974

ACADEMIC EXPERIENCE:

2001- Present VILLANOVA UNIVERSITY, VILLANOVA SCHOOL OF BUSINESS
(Formerly known as the College of Commerce and Finance), VILLANOVA, PA
Professor

1991 - 2001 Associate Professor, Department of Management and Operations/International Business. [Formerly associated with Department of Decision and Information Technologies (1996-2007) and Department of Management (1991-1996)].
Teaching graduate and undergraduate courses in operations management, production planning and control, operations research, operations and supply chain management, quantitative and operations analysis, quality management, lean processes, statistical analysis, and applied management science in the traditional face-to-face format as well as in the distance learning synchronous style.

October - November 2018

Visiting Professor: Institut Teknologi Bandung, School of Business and Management, Jl. Ganesha 10 Bandung, Indonesia.

Provided lecture on operations management to the MBA students as well as a seminar to the Ph.D. students.

March - April 2018 and 2019

Visiting Professor: Hebei University of Science and Technology, School of Economics and Management, Shijiazhuang, Hebei Province, P.R. China.

Provided lectures on supply chain management and quality management to MBA students as well as research seminars to Junior Faculty members.

Fall 2013, 2014, and 2016

Adjunct Visiting Professor: The University of Scranton, Kania School of Management, Operations and Information Management Department, Brennan Hall, Scranton, PA 18510.

Taught 100% on-line course on operations management and management science at the graduate level.

March 2013 Visiting Professor: American University in the Emirates, Dubai International Academic City, P. O. Box 503000, Dubai, United Arab Emirates.

Provided lectures to MBA students on total quality management as related to learning organizations.

December 2010 - May 2012

Visiting Professor: Institute of Management Technology – Dubai, UG-02, Dubai International Academic City, P.O. Box 345006, Dubai, United Arab Emirates.

Provided lectures to MBA students on operations management topics.

Summer 2012 Adjunct Professor, Korea University, International Summer Campus, Anam-Dong, Seonghuk-Gu, Seoul, 136-701, Korea.

Taught operations management and quality management.

Fall 2011 Adjunct Professor: Hamdan Bin Mohammed e-University, e-School of Business & Quality Management, Master of Science in Organizational Excellence Program, Dubai International Academic City, P.O. Box: 71400, Dubai, United Arab Emirates.

Taught a 100% on-line course on performance management fundamentals.

Summer 2011 Visiting Scholar: The Centre for Business Analytic, Management Information Systems, School of Business, University College Dublin, Dublin, Ireland

October 2007 – 2016

Visiting Professor: Beijing Jiaotong University, School of Traffic and Transportation Engineering, Beijing, 100044, P. R. China.

Lectured on quality management and productivity as well as existing operations management and supply chain management challenges facing various organizations.

- March 2007 Visiting Professor: Institut Suprieur de Gestion de Sousse, Sousse, Tunisia.
Lectured on operations management and supply chain management.
- August - December 2006 (On Sabbatical Leave from Villanova University)
Visiting Professor: DIS Denmark, Denmark's International Study Program,
Affiliated with University of Copenhagen, Vestergade 7, DK-1456 Copenhagen,
Denmark.
Taught operations management.
- November - December 1999 (On Sabbatical Leave from Villanova University)
Visiting Professor: European Business School, MBA Program, Schloss
Reichartshausen, D-65375 Oestrich-Winkel, Germany.
Taught five different operations management modules to 5th Year students.
- August - October 1999 (On Sabbatical Leave from Villanova University)
Visiting Professor: Temple University Japan, EMBA Program, 2-8-12 Minami
Azabu, Minato-ku, Tokyo, 106-0047, Japan.
Taught business statistics in the EMBA Program.
- 1988 - 1991 LOYOLA UNIVERSITY CHICAGO, SCHOOL OF BUSINESS
ADMINISTRATION, CHICAGO, IL 60611
Promoted to Associate Professor.
Assistant Professor, Department of Management Science.
Taught graduate and undergraduate courses in operations control, operations
research, production management, and advanced statistics.
- 1987 - 1988 UNIVERSITY OF WISCONSIN, COLLEGE OF BUSINESS
ADMINISTRATION, LA CROSSE, WI 54601
Associate Professor.
- 1984 - 1987 Assistant Professor, Department of Management.
Taught graduate and undergraduate courses in production and operations
management, management science, and management information systems.
- Summer 1986 - 1990 COLUMBIA UNIVERSITY, SCHOOL OF ENGINEERING AND APPLIED
SCIENCES, NEW YORK, NY 10027
Adjunct Associate Professor, Department of Industrial Engineering and Operations
Research.
Taught graduate courses in production management and engineering economy.
- 1979 - 1986 NATIONAL COUNCIL OF SAVINGS INSTITUTIONS, CENTER OF
FINANCIAL STUDIES, FAIRFIELD, CT
Management Analyst.
Evaluated various proposals for management techniques in savings banking in the
areas of operations, planning, and personnel.
- 1980 - 1984 NEW YORK INSTITUTE OF TECHNOLOGY, SCHOOL OF ENGINEERING,
NEW YORK, NY 10025
Adjunct Assistant Professor, Department of Industrial Engineering.

Taught graduate and undergraduate courses in design of industrial enterprise, manufacturing processes, operations management, operations research, plant layout and material handling, and production planning and control.

1981 - 1984 COLUMBIA UNIVERSITY, SCHOOL OF ENGINEERING AND APPLIED SCIENCES, NEW YORK, NY

Instructor/Preceptor, Department of Industrial Engineering and Operations Research.

Taught graduate and undergraduate courses in facilities planning, industrial economics, organization of productive enterprise, and production management.

Summer 1979 CITICORP BUSINESS CREDIT INC., NEW YORK, NY
Technical Assistant, Operations Department.

Conducted a cost efficiency study for office equipment; designed a cost effective inventory control system for standard stationary articles and business forms.

1974 - 1976 MOSUL UNIVERSITY, COLLEGE OF ENGINEERING, MOSUL

Demonstrator, Department of Mechanical Engineering.

Taught undergraduate courses in industrial engineering and thermodynamics. Also, supervised the workshop and the power plant laboratory.

INTERNATIONAL STUDIES PROGRAM

Faculty Program Director – Dubai, United Arab Emirates (2010 – present): Developed an International Practicum Program for the Villanova School of Business for MBA students at Villanova University. Initially, the program was developed with the Institute of Management Technology (IMT) – Dubai and currently, is offered in partnership with the American University in the Emirates (AUE), which allows the VSB MBA students to take a three-week intensive immersion program that includes coursework, industrial and business visits as well as a cultural immersion in the region.

Faculty Program Director – Dublin, Ireland (2010): Developed an International Program for the Villanova School of Business Undergraduate students at Villanova University. The program allowed the students to take an intensive course with University College Dublin and complete a six-week internship for an International Business Organization in Dublin.

Faculty Program Director – Geneva, Switzerland (2004 – 2009): Developed an International Program for the College of Commerce and Finance, jointly with the Political Science Department, at Villanova University. The program allowed the students to take an intensive course with the International University in Geneva and then completed a six-week internship for an International Business Organization in Geneva.

CONSULTING EXPERIENCE:

WINDING RIVERS LIBRARY SYSTEM, La Crosse, WI

NORPLEX/OAK INDUSTRIES, La Crosse, WI

CONTIMORTGAGE, Horsham, PA

PUBLICATIONS:

- 1) R. A. Karasek, K. P. Triantis, and S. S. Chaudhry, "Work Group and Supervisory Support as Moderators of Associations between Task Characteristics and Mental Strain," *Journal of Occupational Behaviour*, Vol. 3, No. 2, 181-200, 1982. (Journal Title Changed to *The Journal of Organizational Behavior*)
<https://doi.org/10.1002/job.4030030205>
- 2) I. D. Moon and S. S. Chaudhry, "An Analysis of Network Locations Problems with Distance Constraints," *Management Science*, Vol. 30, No. 3, 290-307, 1984.
<https://doi.org/10.1287/mnsc.30.3.290>
- 3) S. S. Chaudhry, S. T. McCormick, and I. D. Moon, "Locating Independent Facilities with Maximum Weight: Greedy Heuristics," *OMEGA: The International Journal of Management Science*, Vol. 14, No. 5, 383-389, 1986.
- 4) S. S. Chaudhry, I. D. Moon, and S. T. McCormick, "Conditional Covering: Greedy Heuristics and Computational Results," *Computers and Operations Research*, Vol. 14, No. 1, 11-18, 1987.
- 5) J. Betton, S. S. Chaudhry, W. H. Ross, Jr., and L. D. Xu, "Integrating Microcomputer Software Packages into the Business Curriculum," *The International Journal of Education and Computing*, Vol. 4, No. 2, 91-97, 1988. (Journal Title Discontinued)
- 6) S. S. Chaudhry and W. H. Ross, Jr., "Relevance Trees and Mediation," *Negotiation Journal*, Vol. 5, No. 1, 63-73, 1989.
- 7) S. S. Chaudhry, "Computer Applications in Business Schools," *The International Journal of Education and Computing*, Vol. 5, No. 3, 157-158, 1989. (Editorial) (Journal Title Discontinued)
- 8) L. D. Xu and S. S. Chaudhry, "Designing Expert Systems Course for Business Computer Information Systems Professionals," *The International Journal of Education and Computing*, Vol. 5, No. 3, 197-203, 1989. (Journal Title Discontinued)
- 9) S. S. Chaudhry and J. R. Higbie, "Practical Implementation of Statistical Process Control in a Chemicals Industry," *The International Journal of Quality and Reliability Management*, Vol. 6, No. 5, 37-48, 1989.

- 10) W. H. Ross and S. S. Chaudhry, "Human Resource Management: Microcomputer Packages," *OMEGA: The International Journal of Management Science*, Vol. 18, No. 4, 415-423, 1990.
- 11) S. S. Chaudhry and J. R. Higbie, "Quality Improvement through Statistical Process Control," *Quality Engineering*, Vol. 2, No. 4, 411-419, 1990.
- 12) S. S. Chaudhry and R. Kincaid, "Comments on Facility Location Problem on a Network under Multiple Criteria - Fuzzy Set Theoretic Approach," *International Journal of Systems Science*, Vol. 21, No. 11, 2387-2391, 1990.
- 13) S. S. Chaudhry, F. Forst, and J. L. Zydiak, "A Multicriteria Approach to Allocating Order Quantity Among Vendors," *Production and Inventory Management Journal*, Vol. 32, No. 3, 82-86, 1991. (Journal Title Discontinued in 2014)
- 14) S. S. Chaudhry and J. L. Zydiak, "The Supplier Selection Problem: Single vs Multiple Objective Models," *International Journal of Purchasing and Materials Management*, Vol. 27, No. 4, 41-42, 1991.
- 15) S. S. Chaudhry, "New Heuristics for the Conditional Covering Problem," *Opsearch*, Vol. 30, No. 1, 42-47, 1993.
- 16) S. S. Chaudhry, F. Forst, and J. L. Zydiak, "Vendor Selection with Price Breaks," *European Journal of Operational Research*, Vol. 70, No. 1, 52-66, 1993.
- 17) I. Choi and S. S. Chaudhry, "The p-Median Problem with Maximum Distance Constraints: A Direct Approach," *Location Science*, Vol. 1, No. 3, 235-243, 1993. (Journal Title Merged with *Computers and Operations Research*)
- 18) F. Güder, J. L. Zydiak, and S. S. Chaudhry, "Capacitated Multiple Item Ordering with Incremental Quantity Discounts," *Journal of the Operational Research Society*, Vol. 45, No. 10, 1197-1205, 1994. <https://doi.org/10.1057/jors.1994.189>
- 19) E. C. Rosenthal, J. L. Zydiak, and S. S. Chaudhry, "Vendor Selection with Price Bundling," *Decision Sciences*, Vol. 26, No. 1, 35-48, 1995. <https://doi.org/10.1111/j.1540-5915.1995.tb00836.x>
- 20) F. Güder, J. L. Zydiak, and S. S. Chaudhry, "Non-Stationary Ordering Policies for Multi-Item Inventory Systems Subject to a Single Resource Constraint," *Journal of the Operational Research Society*, Vol. 46, No. 9, 1145-1152, 1995. <https://doi.org/10.1057/jors.1995.158>
- 21) S. S. Chaudhry, I. Choi, and D. K. Smith, "Facility Location with and without Maximum Distance Constraints through the p-Median Problem," *International Journal of Operations and Production Management*, Vol. 15, No. 10, 76-82, 1995. <https://doi.org/10.1108/01443579510098338>

- 22) S. S. Chaudhry, L. Salchenberger, and M. Beheshtian, "A Small Business Inventory DSS: Design, Development, and Implementation Issues," *Computers and Operations Research*, Vol. 23, No. 1, 63-72, 1996. [https://doi.org/10.1016/0305-0548\(95\)00004-6](https://doi.org/10.1016/0305-0548(95)00004-6)
- 23) F. Güder, J. L. Zydiak, and S. S. Chaudhry, "An Extended Algorithm for Capacitated Multiple Item Ordering with All-Units Quantity Discounts," *Opsearch*, Vol. 33, No. 1, 20-29, 1996.
- 24) S. S. Chaudhry, N. Tamimi, and J. Betton, "The Role of Quality Control in a Process Industry," *International Journal of Quality and Reliability Management*, Vol. 14, No. 6, 575-581, 1997. <https://doi.org/10.1108/02656719710186191>
- 25) S. S. Chaudhry, M. W. Varano, and L. Xu, "Systems Research, Genetic Algorithms, and Information Systems." *Systems Research and Behavioral Science*, Vol. 17, No. 2, 149-162, 2000. [https://doi.org/10.1002/\(SICI\)1099-1743\(200003/04\)17:2%3C149::AID-SRES290%3E3.0.CO;2-Q](https://doi.org/10.1002/(SICI)1099-1743(200003/04)17:2%3C149::AID-SRES290%3E3.0.CO;2-Q)
- 26) S. He, R. Song, and S. S. Chaudhry, "Fuzzy Dispatching Model and Genetic Algorithms for Railyards Operations," *European Journal of Operational Research*, Vol. 124, No. 2, 307-331, 2000. [https://doi.org/10.1016/S0377-2217\(99\)00383-5](https://doi.org/10.1016/S0377-2217(99)00383-5)
- 27) P. E. Chaudhry and S. S. Chaudhry, "Managerial Perceptions of Quality Control in Japanese Businesses," *Production and Inventory Management Journal*, Vol. 41, No. 4, 34-39, 2000. (Journal Title Discontinued in 2014) <https://go.gale.com/ps/anonymou?id=GALE%7CA76699826&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=08978336&p=AONE&sw=w>
- 28) L. X. Li, S. S. Chaudhry, P. E. Chaudhry, and Y-F. Wang, "An Evaluation of Acquiring and Implementing a Manufacturing Resource Planning System," *Production and Inventory Management Journal*, Vol. 42, No. 3, 1-8, 2001. <https://search.proquest.com/openview/ac2910bff5df6417fabea050cac8a089/1?pq-origsite=gscholar&cbl=36911>
- 29) S. S. Chaudhry, H. Li, H. Zhang, and L. D. Xu, "Computers and Operations Research in Emerging Economies," *Computers and Operations Research*, Vol. 30, No. 6, 809-810, 2003. (Editorial) [https://doi.org/10.1016/S0305-0548\(02\)00035-7](https://doi.org/10.1016/S0305-0548(02)00035-7)
- 30) S. He, R. Song, and S. S. Chaudhry, "An Integrated Dispatching Model for Rail Yards Operations," *Computers and Operations Research*, Vol. 30, No. 7, 939-966, 2003. [https://doi.org/10.1016/S0305-0548\(02\)00064-3](https://doi.org/10.1016/S0305-0548(02)00064-3)
- 31) S. S. Chaudhry, S. He, and P. E. Chaudhry, "Solving a Class of Facility Location Problems Using Genetic Algorithms," *Expert Systems: The International Journal of Knowledge Engineering and Neural Networks*, Vol. 20, No. 2, 86-91, 2003. (Title Changed to *Expert Systems: The Journal of Knowledge Engineering*)

- <https://doi.org/10.1111/1468-0394.00229>
- 32) J. Yan, P. E. Chaudhry, and S. S. Chaudhry, "A Model of CBR-Based Decision Support System for 3PL Evaluation," *Expert Systems: The International Journal of Knowledge Engineering and Neural Networks*, Vol. 20, No. 4, 196-207, 2003. (Title Changed to *Expert Systems: The Journal of Knowledge Engineering*)
<https://doi.org/10.1111/1468-0394.00244>
- 33) A. L. Smith and S. S. Chaudhry, "Use of Statistical Process Control in Bus Fleet Maintenance at SEPTA," *Journal of Public Transportation*, Vol. 8, No. 2, 63-77, 2005. <http://doi.org/10.5038/2375-0901.8.2.4>
- 34) S. S. Chaudhry, S. Feng, H. Li, L. Li, H. Sui, J. L. Zhang, Z. Zhang, and L. Xu, "Production Research in China," *International Journal of Production Research*, Vol. 43, No. 19, 2355-2357, 2005. (Editorial)
<https://doi.org/10.1080/00207540500046715>
- 35) S. S. Chaudhry and W. Luo, "An Assessment of Genetic Algorithms Research in Production and Operations Management," *International Journal of Production Research*. Vol. 43, No. 19, 4083-4101, 2005.
<https://doi.org/10.1080/00207540500143199>
- 36) Z. Li, S. S. Chaudhry, and S. Zhao, "Designing ERP Systems with Knowledge Management Capacity," *Systems Research and Behavioral Science*, Vol. 23, No. 2, 191-200, 2006. <https://doi.org/10.1002/sres.759>
- 37) T. Yang, H. Huang, and S. S. Chaudhry, "Enterprise Resource Planning for Large-Scale Engineering Projects from Systems Engineering Perspective," *Systems Research and Behavioral Science*, Vol. 23, No. 2, 201-217, 2006. <https://doi.org/10.1002/sres.755>
- 38) Z. Lei, S. He, and S. S. Chaudhry, "Application of Uncertain Optimal Model and Genetic Algorithms to Vendor Selection Problem," *Journal of Transportation Systems Engineering and Information Technology*, Vol. 6, No. 3, 58-63, 2006.
- 39) S. S. Chaudhry, "A Genetic Algorithm Approach to Solve the Anti-Covering Location Problem," *Expert Systems: The Journal of Knowledge Engineering*, Vol. 23, No. 5, 258-264, 2006. <https://doi.org/10.1111/j.1468-0394.2006.00407.x>
- 40) S. S. Chaudhry, H. Li, L. Xu, and H. Zhang, "Decision Support Systems in Emerging Economies," *Decision Support Systems*, Vol. 42, No. 4, 1987-1988, 2007. (Editorial)
<https://doi.org/10.1016/j.dss.2004.11.003>
- 41) Z. Zhao, T. Radhakrishnan, and S. S. Chaudhry, "Evaluation of MRP Lot-Sizing Rules Under Uncertainty," *International Journal of Operations and Quantitative Management*, Vol. 14, No. 1, 1-16, 2008. <http://www.ijoqm.org/v14no1.asp#>
- 42) C. Møller, S. S. Chaudhry, and B. Jørgensen, "Complex Service Design: A Virtual

- Enterprise Architecture for Logistics Service," *Information Systems Frontiers*, Vol. 10, No. 5, 503-518, 2008. <https://doi.org/10.1007/s10796-008-9106-3>
- 43) B. Xu, S. S. Chaudhry, and Y. Li, "Factors of Production: Historical Theories and New Developments," *Systems Research and Behavioral Science*, Vol. 26, No. 2, 219-224, 2009. <https://doi.org/10.1002/sres.972>
- 44) Y. Xiong and S. S. Chaudhry, "A Theory of Optimized Resource Allocation from Systems Perspectives," *Systems Research and Behavioral Science*, Vol. 26, No. 2, 289-296, 2009. <https://doi.org/10.1002/sres.975>
- 45) S. He, S. S. Chaudhry, Z. Lei, and W. Baohua, "Stochastic Vendor Selection Problem: Chance-Constrained Model and Genetic Algorithms," *Annals of Operations Research*, Vol. 168, No. 1, 169-179, 2009. <https://doi.org/10.1007/s10479-008-0367-5>
- 46) S. S. Chaudhry, H.-P. Hou, and L.-X. Li, "PD, Logistics, SCM, and Theory of Material Flow – A Historical Perspective," *Journal of Beijing Jiaotong University*, Vol. 9, No. 1, 24-30, 2010. http://en.cnki.com.cn/Article_en/CJFDTotal-BFJD201001007.htm
- 47) P. Chaudhry, S. S. Chaudhry, S. Stumpf, and H. Sudler, "Piracy in Cyber Space: Consumer Complicity, Pirates, and Enterprise Enforcement," *Enterprise Information Systems*, Vol. 5, No. 2, 255-271, 2011. <https://doi.org/10.1080/17517575.2010.524942>
- 48) P. Chaudhry, S. S. Chaudhry, and R. Reese, "Developing a Model for Enterprise Information Systems Security," *Journal of Academic Research in Economics*, Vol. 3, No. 3, 243-254, 2011. <https://ideas.repec.org/a/shc/jaresh/v3y2011i3p243-252.html>. Also, published in: *Economics, Management, and Financial Markets*, Vol. 7, No. 4, 587—599, 2012. <https://www.ceeol.com/search/article-detail?id=15436>
- 49) E. C. Rosenthal, S. S. Chaudhry, I-C. Choi, and J. Jang, "On a Class of Branching Problems in Broadcasting and Distribution," *Computers and Operations Research*. Vol. 39, No. 8, 1793-1799, 2012. <https://doi.org/10.1016/j.cor.2011.06.001>
- 50) W. Xu, S. He, R. Song, and S. S. Chaudhry, "Finding the K Shortest Paths in a Schedule-Based Transit Network," *Computers and Operations Research*. Vol. 39, No. 8, 1812-1826, 2012. <https://doi.org/10.1016/j.cor.2010.02.005>
- 51) J. Qin, Y. Xing, S. Wang, K. Wang, and S. S. Chaudhry, "An Inter-Temporal Resource Emergency Management Model," *Computers and Operations Research*. Vol. 39, No. 8, 1909-1918, 2012. <https://doi.org/10.1016/j.cor.2011.07.008>
- 52) J. Guo, L. Xu, Z. Gong, C. Che, and S. S. Chaudhry, "Semantic Inference on Heterogeneous E-Marketplace Activities," *IEEE Transactions on Systems, Man, and Cybernetics—Part A: Systems and Humans*, Vol. 42, No. 2, 316-330, 2012. (Title Changed to *IEEE Transactions on Systems, Man, and Cybernetics: Systems*) <https://doi.org/10.1109/TSMCA.2011.2162946>

- 53) W. Li, W. Zheng, J. Lin, X. Guan, L. Li, S. S. Chaudhry, P. Wang, and Y. Liu, "CARR: A Scalable Solution for Network Packet Classification," *Expert Systems: The Journal of Knowledge Engineering*. Vol. 29, No. 1, 70-83, 2012. <https://doi.org/10.1111/j.1468-0394.2010.00563.x>
- 54) W. Cao, L. Xu, L. Liang and S. S. Chaudhry, "The Impact of Team Task and Job Engagement on the Transfer of Tacit Knowledge in e-Business Virtual Teams," *Information Technology and Management*. Vol. 13, No. 4, 333-340, 2012. <https://doi.org/10.1007/s10799-012-0129-6>
- 55) K. Xie, J. Liu, G. Chen, P. Wang and S. S. Chaudhry, "Group Decision-Making in an Unconventional Emergency Situation using Agile Delphi Approach," *Information Technology and Management*. Vol. 13, No. 4, 351-361, 2012. <https://doi.org/10.1007/s10799-012-0122-0>
- 56) L. Wang, H. Zou, J. Su, L. Li, and S. S. Chaudhry, "An ARIMA-ANN Hybrid Model for Time Series Forecasting," *Systems Research and Behavioral Science*, Vol. 30, No. 3, 244–259, 2013. <https://doi.org/10.1002/sres.2179>
- 57) P. Chaudhry, S. S. Chaudhry, and H. Sudler, "Successfully Merging Technology with Knowledge Creation: An Overview of Distant Learning Techniques," *International Journal of Operations and Quantitative Management*. Vol. 19, No. 1, 39-57, 2013. <http://www.ijoqm.org/v19no1.asp>
- 58) S. He, R. Song, and S. S. Chaudhry, "Service-Oriented Intelligent Group Decision Support System: Application in Transportation Management," *Information Systems Frontiers*, Vol. 16, No. 5, 939-951, 2014. <https://doi.org/10.1007/s10796-013-9439-4>
- 59) Y. Wang, W. Ji, and S. S. Chaudhry, "A Hybrid Approach for the Evaluation of Supermarket Food Safety," *Journal of Management Analytics*, Vol. 1, No. 2, 156-167, 2014. <https://doi.org/10.1080/23270012.2014.969790>
- 60) H. Hou, M. Y. Kataev, Z. Zhang, S. S. Chaudhry, H. Zhu, L. Fu and M. Yu, "An Evolving Trajectory – from PD, logistics, SCM to the Theory of Material Flow," *Journal of Management Analytics*, Vol. 2, No. 2, 138-153, 2015. <https://doi.org/10.1080/23270012.2015.1048753>
- 61) L. Shen, H. Wang, L. D. Xu, X. Ma, S. S. Chaudhry, and W. He, "Identity Management Based on PCA and SVM," *Information Systems Frontiers*, Vol. 18, No. 4, 711-716, 2016. <https://doi.org/10.1007/s10796-015-9551-8>
- 62) P. Wang, S. Chaudhry, L. D. Xu, "Introduction: Advances in e-Business Engineering and Management," *Information Technology and Management*, Vol. 17, No. 3, 199-201, 2016. (Editorial) <https://doi.org/10.1007/s10799-016-0260-x>
- 63) P. Wang, S. Chaudhry, L. Li, "Introduction: Advances in IoT Research and Applications," *Internet Research*, Vol. 26, No. 2, 2016. (Editorial)

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- 64) X. Du, H. Wang, Y. Du, L. D. Xu, S. S. Chaudhry Z. Bi, R. Guo, Y. Huang, J. Li, "An Industrial Information Integration Approach to In-Orbit Spacecraft," *Enterprise Information Systems*, Vol. 11, No. 1, 86-104, 2017. <https://doi.org/10.1080/17517575.2016.1173728>
- 65) H. Hou, S. Chaudhry, Y. Chen, and M. Hu, "Physical Distribution, Logistics, Supply Chain Management, and the Material Flow Theory: A Historical Perspective," *Information Technology and Management*, Vol. 18, No. 2, 107-117, 2017. <https://doi.org/10.1007/s10799-015-0229-1>
- 66) R. Alaomar and S. S. Chaudhry, "Simulation-Based Six Sigma Value Function for System-Level Performance Assessment and Improvement," *International Journal of Productivity and Performance Management*, Vol. 67, No. 1, 66-84, 2018. <https://doi.org/10.1108/IJPPM-01-2016-0007>
- 67) S. Chaudhry, L. D. Xu, and X. F. Cao, "Technological Entrepreneurship and Socio-Economic Change in BRIC Countries," *Technological Forecasting & Social Change*, Vol. 135, 64-65, 2018. (Editorial) <https://doi.org/10.1016/j.techfore.2018.07.054>
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- 69) X. Cao, S. S. Chaudhry, and L. D. Xu, "Electronic Markets in Emerging Markets," *Electronic Markets: The International Journal on Networked Business*, Vol 29, No. 2, 151-152, 2019. (Editorial) <https://doi.org/10.1007/s12525-019-00343-0>
- 70) K. Xie, Z. Liu, L. Chen, W. Zhang, S. Liu, and S. S. Chaudhry, "Success Factors and Complex Dynamics of Crowdfunding: An Empirical Research on Taobao Platform in China," *Electronic Markets: The International Journal on Networked Business*, Vol. 29, No. 2, 187-199, 2019. <https://doi.org/10.1007/s12525-018-0305-6>
- 71) Gang Li, Jianlong Tan, and Sohail S. Chaudhry, "Industry 4.0 and Big Data Innovations," *Enterprise Information Systems*, Vol. 13, No. 2, 145-147, 2019. (Editorial) <https://doi.org/10.1080/17517575.2018.1554190>
- 72) Guoqing Zhang, Jianmai Shi, Sohail Chaudhry, and Xindan Li, "Multi-Period Multi-Product Acquisition Planning with Uncertain Demands and Supplier Quantity Discounts," *Transportation Research Part E: Logistics and Transportation Review*, Vol. 132, 117-132, 2019. <https://doi.org/10.1016/j.tre.2019.11.005>
- 73) Xiong Fei Cao, Sohail Chaudhry, and Li Da Xu, "Internet of Things (IoT) in Information Management," *Library High Tech*, Vol. 38, No. 1, 1-3, 2020. (Editorial) <https://doi.org/10.1108/LHT-03-2020-278>

- 74) Mingyao Hu and Sohail Chaudhry, "Enhancing Consumer Engagement in e-Commerce Live Streaming via Relational Bonds," *Internet Research*, Vol. 30, No. 3, 1019-1041, 2020. <https://doi.org/10.1108/INTR-03-2019-0082>
- 75) Romulo B. Magnaye, Sohail S. Chaudhry, Brian J. Sauser, and Nikhil Varma, "Bridging the Gap Between Practice and Undergraduate Teaching of Operations Management: The Case of Public Liberal Arts Colleges," *International Journal of Operations and Quantitative Management*, Vol. 26, No. 1, 49-64, 2020. <https://doi.org/10.46970/2020.26.1.3>
- 76) Qiang Ma, Xueling Li, Peggy E. Chaudhry, and Sohail S. Chaudhry, "Public Relations and Legitimacy: A Study of New Ventures on the Corporate Life Cycle," *Systems Research and Behavioral Science*, Vol. 37, No. 4, 699-710, 2020. <https://doi.org/10.1002/sres.2711>
- 77) Runping Guo, Xingqun Lv, Yuan Wang, Peggy E. Chaudhry, and Sohail S. Chaudhry, "Decision-Making Logics and High-Tech Entrepreneurial Opportunity Identification: The Mediating Role of Strategic Knowledge Integration," *Systems Research and Behavioral Science*, Vol. 37, No. 4, 719-733, 2020. <https://doi.org/10.1002/sres.2713>

EDITED BOOKS:

- 1) A. Min Tjoa, Li Xu, and Sohail Chaudhry (Editors): **Research and Practical Issues of Enterprise Information Systems**. IFIP TC 8 International Conference on Research and Practical Issues of Enterprise Information, International Federation for Information Processing, Vol. 205, Springer 2006. (ISBN: 0-387-34345-8)
- 2) Li Xu, A. Min Tjoa, and Sohail Chaudhry (Editors): **Research and Practical Issues of Enterprise Information Systems II – Vol. 1**. IFIP TC 8, WG 8.9, International Conference on Research and Practical Issues of Enterprise Information, International Federation for Information Processing, Vol. 254, Springer 2008. (ISBN: 978-0-387-75901-2)
- 3) Li Xu, A. Min Tjoa, and Sohail Chaudhry (Editors): **Research and Practical Issues of Enterprise Information Systems II – Vol. 2**. IFIP TC 8, WG 8.9, International Conference on Research and Practical Issues of Enterprise Information, International Federation for Information Processing, Vol. 255, Springer 2008. (ISBN: 978-0-387-76311-8)
- 4) Charles Møller and Sohail Chaudhry (Editors): **Re-conceptualizing Enterprise Information Systems**, 5th IFIP WG 8.9 Working Conference, CONFENIS 2011, Aalborg, Denmark, October 16-18, 2011, Revised Selected Papers, Lecture Notes in Business Information Processing, Vol. 108, Springer 2012. (ISBN: 978-3-642-28826-5 (Print) 978-3-642-28827-2 (Online))
- 5) Charles Møller and Sohail Chaudhry (Editors): **Advances in Enterprise Information**

Systems II, CRC Press, Taylor & Francis Group, 2012. (ISBN-10: 0415631319 and ISBN-13: 978-0415631310)

CHAPTER IN TEXTBOOK:

S. S. Chaudhry and I. D. Moon, "Analytical Models for Locating Obnoxious Facilities," in M. Chatterji (ed.), Hazardous Materials Disposal: Siting and Management, 275-282, Gower Publishing Company, England, 1987.

REFEREED PROCEEDINGS AND PRESENTATIONS:

- 1) S. S. Chaudhry, J. Betton, and N. Fuhrmann, "A Longitudinal Study of the Implementation and Behavioral Consequences of a MIS Introduced in a Manufacturing Environment," **Abstract in Proceedings** of the 18th Annual Meeting of the Decision Sciences Institute, Honolulu, HA, November 23-25, 1986.
- 2) S. S. Chaudhry and W. H. Ross, Jr., "Relevance Trees and Mediation," **Paper in Proceedings** of the Annual Meeting of the Midwest Business Administration Association, Chicago, IL, March 25-27, 1987.
- 3) S. S. Chaudhry and J. R. Higbie, "The Use of SPC in Quality Management," **Paper in Proceedings** of the Annual Meeting of the Midwest Business Administration Association, Chicago, IL, March 25-27, 1987.
- 4) S. S. Chaudhry, "New Algorithms for the Conditional Covering Problem," **Paper in Proceedings** of the Annual Meeting of the Northeast Decision Sciences Institute, Atlantic City, NJ, April 2-3, 1987.
- 5) S. S. Chaudhry and J. R. Higbie, "Practical Implementation of Statistical Process Control in a Chemicals and Plastics Industry," **Paper in Proceedings** of the IXth International Conference on Production Research, Cincinnati, OH, August 17-20, 1987.
- 6) J. Betton, S. S. Chaudhry, W. H. Ross, Jr., and L. D. Xu, "Integrating Microcomputer Software Packages into the Business Curriculum," **Paper in Proceedings** of the Mini-Conference on OR/MS Education, ORSA/TIMS Joint National Meeting at St. Louis, MO, October 25-27, 1987.
- 7) S. S. Chaudhry and T. Khidhathong, "Resource Management Using Microcomputers," **Paper in Proceedings** of the 10th Annual Conference on Computers and Industrial Engineering, Dallas, TX March 23-25, 1988.
- 8) S. S. Chaudhry and J. Zydiak, "The Vendor Selection Problem: Practical Issues and Analytical Models," **Paper in Proceedings** of the Annual Meeting of the Midwest Business Administration Association, Chicago, IL, April 3-5, 1991.

- 9) M. Beheshtian, S. S. Chaudhry, and L. Salchenberger, "A Small Business Inventory DSS: Development and Implementation Issues," **Abstract in Proceedings** of the 24th Annual Meeting of the Decision Sciences Institute, San Francisco, CA, November 22-24, 1992.
- 10) S. S. Chaudhry, J. Betton, and N. Tamimi, "Quality Control Practices in the Cheese Industry," **Abstract in Proceedings** of the 25th Annual Meeting of the Decision Sciences Institute, Washington, DC, November 21-23, 1993.
- 11) S. S. Chaudhry, "The Utilization of Analytic Hierarchy Process in the Production and Operations Management Course," **Paper in Proceedings** of the APICS Mid Atlantic Chapters Congress for Progress XIX, Hershey, PA, April 13-15, 1994.
- 12) S. S. Chaudhry, M. W. Varano, and L. Xu, "Systems Research, Genetic Algorithms, and Information Systems Research." **Paper in Proceedings** of the 3rd International Conference on Management, Shanghai, China, July 25-28, 1998.
- 13) S. S. Chaudhry, "Genetic Algorithms and the Anti-Covering Problem." **Paper in Proceedings** of the 5th International Conference of the Decision Sciences Institute, Athens, Greece, July 4-7, 1999.
- 14) P. E. Chaudhry and S. S. Chaudhry, "A Survey of Quality Control Methods in Japanese Businesses." **Paper in Proceedings** of the 4th International Conference on Management, Xian, China, May 5-7, 2001.
- 15) S. S. Chaudhry, S. He, and P. E. Chaudhry, "The p-Median Problem and Genetic Algorithms." **Paper in Proceedings** of the 1st International Conference on Intelligent Computing and Information Systems Meeting, Cairo, Egypt, June 4 – 26, 2002.
- 16) S. S. Chaudhry and W. Luo, "Genetic Algorithms in Operations Management: Current Applications and Future Prospects." **Paper in Proceedings** of the 8th South Asian Management Forum (SAMF-2004), Lahore, Pakistan, November 28 – December 1, 2004 (Recipient of the Best Paper Award in Supply Chain Management).
- 17) S. S. Chaudhry, Z. Lei, and S. He. "Vendor Selection Problem: New Formulation and Solution Procedure." **Paper in Proceedings** of the IADIS Applied Computing Conference, San Sebastian, Spain, February 24 – 28, 2006.
- 18) T. Yang, H. Wang, S. S. Chaudhry, and H. Huang, "Enterprise Information Systems for Large-Scale Engineering Projects." **Paper in Proceedings** of the IFIP International Conference on Research and Practical Issues of Enterprise Information Systems - CONFENIS, Vienna, Austria, April 24 – 26, 2006.
- 19) B. Wang, S. He, and S. S. Chaudhry, "Stochastic Vendor Selection Problem for Max-Reliability of Customer's Demand," **Paper in Proceedings** of the International Conference on Computing and e-Business, Hammamet, Tunisia, March 12 - 14, 2007.

- 20) Y. Li, N. Ren, and S. S. Chaudhry, "An Enterprise Knowledge Management System Based On the Use Case Model." **Paper in Proceedings** of the IFIP International Conference on Research and Practical Issues of Enterprise Information Systems – CONFENIS, Beijing, China, October 14 – 16, 2007.
- 21) C. Møller, S. S. Chaudhry, and B. Jørgensen, "A Virtual Enterprise Architecture for Logistics Service." **Paper in Proceedings** of the 2nd International Conference on Information Systems, Technology and Management - ICISTM 08, Dubai, United Arab Emirates, March 6 – 8, 2008.
- 22) W. Baohua, H. Shiwei, and S. S. Chaudhry, "Stochastic Dependent-Chance Programming Model and Hybrid Genetic Algorithms for Vendor Selection Problem." **Paper in Proceedings** of the IEEE International Conference on Service Operations and Logistics, and Informatics, IEEE/SOLI 2008, Beijing, China, Vol. 2, 2342-2347, October 12 – 15, 2008. (ISBN: 978-1-4244-2012-4)
- 23) P. Chaudhry, S. Chaudhry, S. Stumpf, and H. Sudler, "Piracy in Cyber Space: Consumer Complicity, Pirates and Enterprise Enforcement." **Paper in CD Proceedings** of the IFIP International Conference on Research and Practical Issues of Enterprise Information Systems – CONFENIS, Natal, State of Rio Grande do Norte, Brazil, August 25 – 27, 2010.
- 24) B. Wang, S. He, and S. S. Chaudhry, "Stochastic Vendor Selection Problem," **Paper in Proceedings** of the International Conference on Modeling and Applied Simulation, MAS 2010, Fes – Morocco, October 13-15, 2010.
- 25) P. E. Chaudhry, S. S. Chaudhry, and R. Reese, "Enterprise Information Security: A Conceptual Framework." **Paper in CD Proceedings** of the IFIP International Conference on Research and Practical Issues of Enterprise Information Systems – CONFENIS, Aalborg, Denmark, October 16-18, 2011.
- 26) P. E. Chaudhry, S. S. Chaudhry, R. Reese, and D. Jones, "Enterprise Information Security: A Conceptual Framework," in C. Møller and S. Chaudhry (Eds.): **Re-conceptualizing Enterprise Information Systems**, 5th IFIP WG 8.9 Working Conference, CONFENIS 2011, Aalborg, Denmark, October 16-18, 2011, Revised Selected Papers, Lecture Notes in Business Information Processing, Vol. 108, Springer 2012. (ISBN: 978-3-642-28826-5 (Print) 978-3-642-28827-2 (Online))
- 27) P. E. Chaudhry, S. S. Chaudhry, K. D. Clark, and D. S. Jones, "Enterprise Information Systems Security: A Case Study in the Banking Sector." **Paper in Proceedings** of the IFIP International Conference on Research and Practical Issues of Enterprise Information Systems – CONFENIS 2012, Ghent, Belgium, September 19-21, 2012.
- 28) P. E. Chaudhry and S. S. Chaudhry, "Antecedents of Employees Attitudes that Safeguard the Information Security of the Firm." **Extended abstract** in 2014 Global Business Conference, Dubrovnik, Croatia, October 1 – 4, 2014.

- 29) S. S. Chaudhry and P. E. Chaudhry, "Is Your Information System Secure? An Exploratory Study." Extended abstract in the 2016 International Symposium on Business and Management, Taipei, Taiwan, October 7 – 9, 2016.

INVITED CONFERENCE PRESENTATIONS:

- 1) S. S. Chaudhry and I. D. Moon, "Models for Locating Obnoxious Facilities." Presented at the Conference on the Location and Allocation of Special Facilities at the State University of New York at Binghamton, NY, October 25-26, 1985.
- 2) S. S. Chaudhry, "Facility Location/Distribution Problems." Presented at IBM Corporation, Distribution Engineering, Charlotte, NC, November 1, 1985.
- 3) S. S. Chaudhry and I. D. Moon, "The p-Defense Problem." Presented at the TIMS/ORSA Joint National Meeting at Los Angeles, CA, April 14-16, 1986.
- 4) S. S. Chaudhry, S. T. McCormick, and I. D. Moon, "Recent Results for the Constrained p-Median Problems." Presented at the ORSA/TIMS Joint National Meeting at Miami, FL, October 27-29, 1986.
- 5) S. S. Chaudhry, "A PC-Based Routing and Scheduling Systems Improves Library Service to its Customers." Presented at the ORSA/TIMS Joint National Meeting at New York, NY, October 16-18, 1989.
- 6) S. S. Chaudhry and I. Choi, "On Locating Semi-Obnoxious Facilities." Presented at the ORSA/TIMS Joint National Meeting at Detroit, MI, October 23-26, 1994.
- 7) S. S. Chaudhry and I. Choi, "Locating Semi-Obnoxious Facilities through the p-Median Problem." Presented at the INFORMS National Meeting at New Orleans, LA, October 29-November 1, 1995.
- 8) S. He and S. S. Chaudhry, "The p-Median Location Problem and Genetic Algorithms." Presented at the INFORMS National Meeting at Salt Lake City, UT, May 2000.
- 9) S. S. Chaudhry, "A Perspective on Distance Learning Approaches in a Business School Environment." Presented at the International Conference on Technology and Business Management (ICTBM-10), Institute of Management Technology, Dubai, United Arab Emirates, March 16 – 18, 2010. (Keynote Speech)
- 10) S. S. Chaudhry, "Supply Chain Management Strategies." Presented at the 1st China-Europe Forum on Material Flow/Logistics, Beijing, China, November 23, 2010. (Keynote Speech)
- 11) P. E. Chaudhry, S. S. Chaudhry, and R. Reese, "Developing a Model for Enterprise Information Systems Security." International Conference on Business and Economy – ICBE, Constanta, Romania, 3-6 November, 2011. (Keynote Speech)

- 12) S. S. Chaudhry, "Enterprise Information Systems Security: Framework and Case Study." Presented at Department of Management Systems, Waikato Management School, The University of Waikato, Hamilton, New Zealand, 31 July, 2013.
- 13) S. S. Chaudhry, "Enterprise Information Systems Security: Framework and a Case Study in the Banking Sector." International Conference on Management and Information Systems – ICMIS-13, Bangkok, Thailand, September 22-24, 2013. (Keynote Speech)
- 14) S. S. Chaudhry, "Decision-Making in the Business Environment under the 4th Industrial Revolution." Presented at the 4th World Conference on Business and Management (WCBM) & Global Great Debate 2018, Jeju Island, South Korea, 27 – 30 June, 2018. (Invited Talk)

CONTRIBUTED PRESENTATIONS:

- 1) S. S. Chaudhry and I. D. Moon, "Tree Network Location Problems with Separation Requirements." Presented at the CORS/TIMS/ORSA Joint National Meeting at Toronto, Canada, May 3-6, 1981.
- 2) R. A. Karasek, K. P. Triantis, and S. S. Chaudhry, "Work Group and Supervisory Support as Moderators of Associations between Task Characteristics and Mental Strain." Presented at the TIMS/ORSA Joint National Meeting at Detroit, MI, April 18-21, 1982.
- 3) S. S. Chaudhry and I. D. Moon, "Locating Emergency Facilities with Maximum Separation." Presented at the ORSA/TIMS Joint National Meeting at San Diego, CA, October 25-27, 1982.
- 4) S. S. Chaudhry, I. D. Moon, and S. T. McCormick, "Greedy Heuristics for the Conditional Covering Problem." Presented at the ORSA/TIMS Joint National Meeting at Dallas, TX, November 26-28, 1984.
- 5) S. S. Chaudhry, S. T. McCormick, and I. D. Moon, "Anti-Covering Problem: A Computational Study." Presented at the TIMS/ORSA Joint National Meeting at Boston, MA, April 29-May 1, 1985.
- 6) S. S. Chaudhry, S. T. McCormick, and I. D. Moon, "Locating a Fixed Number of Facilities Subject to Distance Constraints." Presented at the ORSA/TIMS Joint National Meeting at Atlanta, GA, November 4-6, 1985.
- 7) S. S. Chaudhry, "An Evaluation and Critique of MS/POM Micro-Computer Software Packages." Presented at the ORSA/TIMS Joint National Meeting at Miami, FL, October 27-29, 1986.

- 8) S. S. Chaudhry, K. P. Triantis, and N. Fuhrmann, "Productivity Measurement, Analysis and Evaluation for Food Packaging Manufacturing Facilities." Presented at the TIMS/ORSA Joint National Meeting at New Orleans, LA, May 4-6, 1987.
- 9) I. D. Moon and S. S. Chaudhry, "Conditional Covering: Hybrid Heuristics and Computational Results." Presented at the ISOLDE IV at Namur, Belgium, June 11-16, 1987.
- 10) J. Betton and S. S. Chaudhry, "Technological Change and Managerial Decision Modeling: Competing Modes of Inquiry." Presented at the International Conference for Planning and Design, Boston, MA, August 17-20, 1987.
- 11) S. S. Chaudhry, "Recent Advances in Backup Covering Location Problems." Presented at the 19th Annual Meeting of the Decision Sciences Institute, Boston, MA, November 23-25, 1987.
- 12) K. Triantis and S. S. Chaudhry, "Optimizing Joins in a Horizontally Fragmented Relational Distributed Database System." Presented at the ORSA/TIMS Joint National Meeting at Washington, D.C., April 25-27, 1988.
- 13) S. S. Chaudhry and T. Khidhathong, "Process Leadership Using Statistics (PLUS): An Approach to Quality Management." Presented at the ORSA/TIMS Joint National Meeting at Denver, CO, October 24-26, 1988.
- 14) S. S. Chaudhry, R. Batta, R. K. Kincaid, and N. N. Krishnamurthy, "Modeling Uncertainties in Coverage Models: Approaches and Validation." Presented at the CORS/TIMS/ORSA Joint National Meeting at Vancouver, Canada, May 8-10, 1989.
- 15) S. S. Chaudhry, F. Forst, and J. Zydiak, "Allocation of Order Quantity among Suppliers Subject to Price Breaks." Presented at the ORSA/TIMS Joint National Meeting at Philadelphia, PA, October 29-31, 1990.
- 16) S. S. Chaudhry, "The Vendor Selection Problem." Presented at the Danish Summer Research Institute at Gilleleje, Denmark, August 18-30, 1991.
- 17) I. Choi and S. S. Chaudhry, "Computational Experience on the p-Median Problem with Maximum Distance Constraints." Presented at the ORSA/TIMS Joint National Meeting at Anaheim, CA, November 3-6, 1991.
- 18) S. S. Chaudhry, "Vendor Selection with Price Breaks." Presented at the Danish Summer Research Institute at Gilleleje, Denmark, August 16-29, 1992.
- 19) S. S. Chaudhry, "The Use of Quantitative Models in the Logistics Field: A Managerial Perspective." Presented at the TIMS/ORSA Joint National Meeting at San Francisco, CA, November 1-4, 1992.
- 20) E. C. Rosenthal, S. S. Chaudhry, and J. L. Zydiak, "Vendor Selection with

- Contingencies." Presented at the TIMS/ORSA Joint National Meeting at Chicago, IL, May 16-19, 1993.
- 21) S. S. Chaudhry, F. Güder, and J. L. Zydiak, "Capacitated Multiple Item Ordering with Quantity Discounts." Presented at the TIMS/ORSA Joint National Meeting at Chicago, IL, May 16-19, 1993.
 - 22) S. L. Semb and S. S. Chaudhry, "Quality Management in Software Engineering." Presented at the ORSA/TIMS Joint National Meeting at Phoenix, AZ, November 1-3, 1993.
 - 23) F. Güder, S. S. Chaudhry, and J. L. Zydiak, "Capacitated Multiple Item Ordering with Incremental Quantity Discounts." Presented at ORSA/TIMS Joint National Meeting at Phoenix, AZ, November 1-3, 1993.
 - 24) S. S. Chaudhry and I. Choi, "Solving Large Sized p-Median Problems with Maximum Distance Constraints." Presented at the TIMS/ORSA Joint National Meeting at Boston, MA, April 24-27, 1994.
 - 25) H. E. Waldron and S. S. Chaudhry, "Genetic Algorithm and the Conditional Covering Problem." Presented at the INFORMS National Meeting at San Diego, CA, May 4-7, 1997.
 - 26) S. S. Chaudhry, "An Evaluation of Genetic Algorithm Software Packages." Presented at the CORS/INFORMS National Meeting at Montreal, Canada, April 26-29, 1998.
 - 27) M. W. Varano and S. S. Chaudhry, "Framework for an Intelligent Hybrid System." Presented at the INFORMS National Meeting at Philadelphia, PA, November 7-10, 1999.
 - 28) P. E. Chaudhry, S. S. Chaudhry, and H. Sudler, "Application of Online Learning Techniques to MBA and Undergraduate Business Students: Did we go the Distance?" Paper presented at The International Applied Business Conference at Acapulco, Mexico, March 17 – 21, 2003. (Co-Recipient of the Best Paper Award in the Session).
 - 29) P. E. Chaudhry and S. S. Chaudhry, "Successfully Merging Technology with Knowledge Creation: An Overview of Distant Learning Techniques, Experiential Web Cases, and Customized Web Course Packs." Presented at the College Teaching & Learning Conference, Orlando, Florida, January 5 – 9, 2004.
 - 30) Z. Zhao, T. Radhakrishnan, and S. S. Chaudhry, "MRP Lot-Sizing Rules Evaluation with Uncertain Demand and Lead-Time." Presented at the Fifth AIMS International Conference on Management (AIMS5), IBS, Hyderabad, India, December 27 – 30, 2007.
 - 31) G. Zhang, J. Shi, and S. S. Chaudhry, "A Lagrangian Heuristic for Multi-Period Constrained Acquisition Planning with Supplier Discounts." Paper presented at the

- INFORMS MSOM Conference and Special Interest Group (SIGs) Meetings MIT, June 28 – 30, 2009.
- 32) W. Luo and S. S. Chaudhry, "Multisourcing Decisions in Pharmaceutical R&D." Paper presented at the 14th Conference of the Asia Pacific Region of the Decision Sciences Institute, Shanghai, The People's Republic of China, July 4 – 8, 2009.
- 33) S. S. Chaudhry, E. Rosenthal, I-C. Choi, and J-B Jang, "On a Class of Branching Problems in Broadcasting and Distribution." Presented at the 24th European Conference on Operational Research, Lisbon, Portugal, July 11 – 14, 2010.
- 34) P. E. Chaudhry, S. S. Chaudhry, and H. Sudler, "Successfully Merging Technology with Knowledge Creation: An Overview of Distant Learning Techniques." Presented at the 23rd International Business Research Conference, Melbourne, Australia, 18 – 20 November, 2013.
- 35) P. E. Chaudhry, S. S. Chaudhry, and D. Urias, "Security Breaches of Enterprise Information Systems: Literature Review and Research Potential." Presented at the 2nd International Conference on Business Management and Economics, Colombo, Sri Lanka, 19 – 20 February, 2016.
- 36) R. Alaomar and S. S. Chaudhry, "Enterprise Performance Management Using Simulation." Presented at the 3rd World Conference on Business and Management (WCBM) & Global Great Debate 2017, Bali, Indonesia, 5 – 8 July, 2017.
- 37) A. Gorkhali, S. S. Chaudhry, and P. E. Chaudhry, "Enterprise Architecture: A Survey." Presented at the International Conference on Research and Practical Issues of Enterprise Information Systems (CONFENIS), An IFIP-WG8.9 Enterprise Information Systems – Conference, Shanghai, China, 18 – 20 October, 2017.
- 38) S. S. Chaudhry, "Big Data, Operations Research, and Transportation: Literature and Applications." Presented at the 4th International Seminar on Railway Operations Research, Beijing, China, 14 – 15 October, 2017.
- 39) P. E. Chaudhry and S. S. Chaudhry, "Internal Security Threats: Access Control." Presented at the 4th World Conference on Business and Management (WCBM) & Global Great Debate 2018, Jeju Island, South Korea, 27 – 30 June, 2018.
- 40) S. S. Chaudhry, "The Supplier/Vendor Selection Problem: A Survey." Presented at the CLAIO 2018: XIX Latin-Iberoamerican Conference on Operations Research, Lima, Peru, 24 – 27 September, 2018.

RESEARCH AND TRAVEL AWARDS:

Fellowship from Materials Handling Institute, 1985.

National Science Foundation ISOLDE IV Travel Award, 1987.

Travel Award, University of Wisconsin at La Crosse Foundation, 1987.

Research Award, Office of International Education, University of Wisconsin at La Crosse, 1987.

Scholarship Award, Institute for Professional Education, 1987.

Summer Research Grant Award, School of Business Administration, Loyola University of Chicago, 1989.

Summer Research Grant Award, Loyola University of Chicago, 1990.

Summer Research Grant Award, College of Commerce and Finance, Villanova University, 1991.

Research Sabbatical Award, College of Commerce and Finance, Villanova University, Fall 1999, Fall 2006, and Fall 2013.

Summer Research Grant Award, Villanova School of Business, Villanova University, 2008 – 2019.

GRANTS:

Senior Personnel: Partnership for Broadband Wireless Innovations, Development, and Commercialization, 2004. NSF Award # 0332490.

Amount: \$600,000 (2004-2007)

Primavera Software, 1999. Primavera Systems, Inc., Two Bala Plaza, Bala Cynwd, PA.
Amount: \$4,000 (approximately)

EXPO Software, 1998. Leading Edge Technologies, One Kendall Square, Cambridge, MA.
Amount: \$29,000

Microsoft Quick Pascal, Windows 95 Upgrade Software Grant, 1997. Microsoft Corporation, Redmond, WA.

Amount: \$700 (approximately)

Evolver: Advanced Genetic Optimization for Spreadsheets Software, 1997. Palisade Corporation, Newfield, NY.

Amount: \$500 (approximately)

Generator Software, 1995. New Light Industries, Spokane, WA.

Amount: \$400 (approximately)

PROFESSIONAL ACTIVITIES:

Journal Appointments:

Appointed member on the *International Advice Giving Panel* of the [Cybernomics](#), 2019, published by Scholastic Seed Inc. and Karam Society, Cosmopolitan Apartment, Plot No.-6, M.G. Road, Opposite Bhartiya International Ltd. (E-52), New Delhi, India

Appointed member on the *Editorial Board* of the [Electronic Markets - The International Journal on Networked Business](#), 2018, published by Springer, Springer-Verlag GmbH, Heidelberg, Zweigniederlassung der Springer-Verlag GmbH, Berlin, Tiergartenstrasse 17, D-69121 Heidelberg, Germany.

Appointed member on the *Editorial Board* of the [International Journal of Engineering Business Management](#), 2017, published by Sage Publications, 2455 Teller Road Thousand Oaks, CA 91320.

Appointed *Associate Editor*, [Journal of Industrial Integration and Management](#), 2016, published by World Scientific Publishing Company Private, Ltd., 5 Toh Tuck Link, Singapore 596224.

Appointed member on the *Editorial Board* of the [Sinergie - Italian Journal of Management](#), 2016, published by Italian Society of Management (SIMA) – The Scientific Society of the Italian Professors of Management, CUEIM, Verona, Italy.

Appointed member on the *Editorial Board* of the [International Journal of Supply Chain and Inventory Management](#), 2013, published by Inderscience Publishers, Editorial Office, P.O. Box 735, Olney, Bucks MK46 5WB UK.

Appointed member on the *Editorial Advisory Board* of the [Journal of System and Management Sciences](#), 2011, published by Association of System and Management Research, Beijing Jiaotong University, Beijing, China.

Appointed member on the *Editorial Advisory Board* of the [Journal of Academic Research in Economics](#), 2009, published by Financial Accounting Management Faculty, Spiru Haret University – Constantza, Romania.

Appointed member on the *Editorial Advisory Board* of the [Global Journal of Enterprise Information System](#), 2009, published by Kedar Amar Research Academic Management Society [KARAMS], New Delhi, India.

Appointed member on the *Editorial Advisory Board* of the [Studies in Business and Economics](#), 2008, published by College of Business and Economics, Qatar University, Doha, Qatar.

Appointed member on the *Editorial Board* of the Journal, [SEFBIS Journal](#),

Professional Journal of the Scientific and Educational Forum on Business Information Systems, 2008, published by John von Neumann Computer Society – SEFBIS, Budapest, Hungary. (Ceased publication 2011)

Appointed member on the *Editorial Board* of the Journal, [International Journal of Computing & Information Technology](#), 2008, published by Serials Publications, International Science Press, New Delhi, India.

Appointed *Editor-in-Chief*, [Journal of Computing and e-Systems](#), 2007, published by TIGERA-USA. (Ceased publication 2009)

Appointed *Associate Editor*, [Enterprise Information Systems](#), 2006, published by Taylor and Francis, Abingdon, Oxfordshire, OX14 4RN, UK.

Appointed member on the *International Advisory Board* of the [International Journal of Intelligent Computing and Information Science](#), 2003, Cairo, Egypt.

Appointed member on the *Editorial Review Board* of the journal, [Production and Inventory Management Journal](#), 1996, published by APICS-The Educational Society for Resource Management, 500 West Annandale Road, Falls Church, VA 22046-4274.

Appointed *Area Editor*, [International Journal of Operations and Quantitative Methods](#), 1994, published by Indiana University Northwest, Gary, IN, 46408-1197.

Served as a member on the *Editorial Advisory Board* of the Journal, [Computers and Operations Research](#), published by Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, UK. (1993-2005)

Organization Positions:

Appointed Secretary – International Federation for Information Processing (IFIP), Technical Committee 8 (TC8), [Working Group 8.9 \(WG8.9\)](#) (2006 – Present)

Invited Talks:

Auburn University, Auburn, USA; Beijing Jiaotong University, Beijing, China (2007 – 2017); Concordia University, Montreal, Canada; De La Salle University, Manila, Philippines (July 2014); Lehigh University, Lehigh, USA; Miami University, Ohio, USA; Southern Illinois University at Edwardsville, Edwardsville, USA; Sapienza University of Rome, Rome, Italy (May 2015); Syracuse University, Syracuse, USA; University of Melbourne, Melbourne, Australia (March 2015); University of North Texas, Denton, USA; University of Wisconsin at Milwaukee, Milwaukee, USA; University of Palermo, Buenos Aires, Argentina (March 2014); University of Seychelles, Anse Royale, Mahe, Seychelles (September 2019); University of Waikato, Hamilton, New Zealand (July 2013); and Virginia Polytechnic and State University, Blacksburg, USA.

Executive Education:

Offered a 10-week EMBA Course in Business Statistics through Temple University Japan – Tokyo.

- Business Statistics, 1999.

Offered a 2-day Continuing Education Course in The Quality Assurance Engineering Certification Program through Continuing Education in Engineering, Virginia Tech Graduate Center, Virginia Polytechnic Institute and State University.

- Control Charts and Process Control, 1992 – 1995.

Offered Outreach Programs through the Office of Extended Education, University of Wisconsin at La Crosse.

- Operations Management I, 1987.
- Operations Management II, 1987.

Doctoral and Master Thesis Reader/Supervision:

External Examiner, DBA Thesis: "Pursuing Sustainable Development and Operational Efficiency with Knowledge Management in the Public Sector," by Mohsenah Al Yami, College of Business, Abu Dhabi University, Abu Dhabi, UAE. (2019)

External Committee Member, Ph.D. Thesis: "Developing Business Process Analyst competencies through higher education institution interventions - A Kenyan study," by Elizabeth Wamicha, Department of Information Systems, School of Information Technology, University of Cape Town, South Africa. (2018 – 2019)

External Committee Member, DBA Thesis: "The Relationship between Organizational Culture and Project Risk Management: Evidence from Abu Dhabi Construction Companies," by Mabkhout Al-Menhali, College of Business, Abu Dhabi University, Abu Dhabi, UAE. (2013 – Candidate withdrew from the DBA program)

External Examiner, Ph.D. Thesis: "Knowledge Warehousing as a Method for Building Organizational Memory by Extracting Reusable Experiential Knowledge Elements from Unstructured Source," by Tapati Bandopadhyay, Guru Gobind Singh Indraprastha University, Kashmere Gate, Delhi, 110006, India, September 2013.

External Examiner, Ph.D. Thesis: "Some Studies on Flexibility based Manufacturing System in Evolving CIM Environment," by Ajay Singholi, Guru Gobind Singh Indraprastha University, Kashmere Gate, Delhi, 110006, India, September 2011.

Reader, Ph.D. Thesis: "An Instrument for Operationalizing and Testing Deming's Theory of Total Quality Management," by Nabil Tamimi, Department of Management Science and Operations Management, Temple University, Philadelphia, PA, August 1993.

Co-Advisor, M.S. Thesis: "Evaluating MRP Lot-Sizing Rules under Uncertainty by Computer Simulation," by Z. Zhao, Department of Mechanical Engineering, Villanova University, February 1996.

Special Issue Journal Editorships:

Guest Co-Editor for a special issue of ***Electronic Markets: The International Journal on Networked Business*** devoted to *Electronic Markets in Emerging Markets*, Springer, 2018.

Guest Co-Editor for a special issue of ***Library Hi Tech*** devoted to *Internet of Things in Information Management*, Emerald, 2018.

Guest Co-Editor for a special issue of ***Internet Research*** devoted to *Internet of Things*, Emerald, Vol. 26, No. 2, 2016.

Guest Co-Editor for a special issue of ***Information Technology and Management*** devoted to *Advances in e-Business Engineering and Management*, Springer, Vol. 17, No. 3, 2016.

Guest Co-Editor for a special issue of ***Annals of Operations Research*** devoted to *Advances in Intelligent Information Processing*, Springer, Vol. 168, No. 1, 2009.

Guest Co-Editor for a special issue of ***Decision Support Systems*** devoted to *Decision Support Systems in Emerging Economies*, Elsevier Science Ltd, Vol. 42, No. 4, 2007.

Guest Co-Editor for a special issue of ***International Journal of Production Research*** devoted to *Production Research in China*, Taylor and Francis, Vol. 43, No. 12, 2005.

Guest Co-Editor for a special issue of ***Computers and Operations Research*** devoted to *Computers and Operations Research in Emerging Economies*, Elsevier Science Ltd., Vol. 30, No. 6, 2003.

Guest Editor for a special issue of ***The International Journal of Education and Computing*** devoted to *Computer Applications in Business Schools*, Elsevier Science Publishers B.V., Vol. 5, No. 3, 1989.

Conferences, Foundation Proposals, Journals, and Textbook Reviewer:

Conferences:

Northeast Decision Sciences Institute Meetings: 1987-89, 1993-96.

Midwest Decision Sciences Institute Meeting: 1994.

Decision Sciences Institute Meeting: 1987, 1992, 1995, 1998, 1999, and 2000.

International Business Schools: Computer Users Group Conference Proceedings: 1988.

IFIP - International Conference on Research and Practical Issues of Enterprise Information Systems: 2006 and 2007.

IEEE International Conference on Systems, Man, and Cybernetics: 2006.

Third International Conference on Intelligent Computing and Information Systems:

2006;

Midwest Business Administration Association: 1991.

Hawaii International Conference on System Sciences (HICSS-27): 1993.

ACM Symposium on Applied Computing – SAC 2008, Track on Enterprise Information Systems: 2007.

Foundations:

National Science Foundation, Washington, D.C., USA

Qatar Foundation, National Priorities Research Program and Undergraduate Research Experience Program, Qatar National Research Fund (QNRF), Doha, Qatar.

Journals:

African Journal of Agricultural Research

American Journal of Mathematical and Management Sciences

Annals of Operations Research

Communications of ACM

Computer

Computers and Industrial Engineering

Computers and Operations Research

Electronic Commerce Research and Applications

Engineering Science and Technology, an International Journal

Enterprise Information Systems

European Journal of Operational Research

Expert Systems

Geographical Analysis

IEEE Transactions on Systems, Man and Cybernetics, Part A

IEEE Transactions on Systems, Man, and Cybernetics: Part C

IEEE Systems Journal

International Journal of Computing & Information Technology

Information Resources Management Journal

Information Technology and Management

International Journal of Computer Simulation

International Journal of Manufacturing Technology and Management

International Journal of Operations and Quantitative Methods

International Journal of Quality and Reliability Management

Journal of Industrial Integration and Management

Journal of Management Analytics

Journal of Service Science and Management

Journal of the Operational Research Society

Location Science

Measurement

Naval Research Logistics

Networks

Networks and Spatial Economics

Neural Computing and Applications

OMEGA

Operations Research

Production and Inventory Management Journal
Physica A
Supply Chain Management
Sustainability
Transportation Science

Textbook Reviewer:

In the areas of Production/Operations Management and Management Science for Boyd & Fraser Publishing Company, Danvers, Massachusetts; William C. Brown Company Publishers, Dubuque, Iowa; The Dryden Press, Fort Worth, Texas; West Publishing Company, St. Paul, Minnesota; Richard D. Irwin, Inc., Homewood, Illinois; Prentice-Hall, Englewood Cliffs, New Jersey; John Wiley and Sons, New York, New York; and Addison-Wesley Publishing Company, Reading, Massachusetts.

In the areas of Management Information Systems and Decision Support Systems for Macmillan Publishing Company, New York, New York and Holt, Rinehart and Winston Inc., New York, New York.

Other Activities:

Conference Executive Chair:

Confenis-IASEIIA – 2009, Kish, Iran (Canceled)

Conference General Chair/Co-Chair

CONFENIS – 2010, Natal, Brazil.

Conference Program Chair/Co-Chair/Steering Committee:

CONFENIS – 2012, Ghent, Belgium

CONFENIS – 2011, Aalborg, Denmark

CONFENIS – 2010, Natal, Brazil.

TIGERA – 2010, Hammamet, Tunisia.

TIGERA – 2009, Hammamet, Tunisia.

TIGERA – 2008, Hammamet, Tunisia.

CONFENIS – 2007, Beijing, China.

Member of the International Program Committee/Advisory Board/Organizing Committee/Scientific Committee/Technical Committee:

6th International Conference on Advanced Computing, Networking, and Informatics ([ICACNI – 2018](#)), Rourkela, Odisha, India

3rd International Conference on Industrial Informatics – Computing Technology, Intelligent Technology, Industrial Information Integration ([ICIICII 2017](#)), Wuhan, China

5th International Conference on Advanced Computing, Networking, and Informatics ([ICACNI – 2017](#)), Farmagudi, Goa, India

7th IEEE International Conference on Logistics, Informatics and Service Sciences ([LISS – 2017](#)), Kyoto, Japan

International Conference on Technology and Business Management ([ICTBM-17](#)),

Dubai, UAE

2nd International Conference on Industrial Informatics – Computing Technology, Intelligent Technology, Industrial Information Integration ([ICIICH 2016](#)), Wuhan, China

Conference on Research and Practical Issues of Enterprise Information Systems ([CONFENIS – 2016](#)), Vienna, Austria

14th AIMS International Conference on Management ([ICM 2016](#)), Ahmedabad, Gujarat, India

6th International Conference on Logistics, Informatics and Service Sciences, ([LISS – 2016](#)), Sydney, Australia and Beijing, China

4th International Conference on Advanced Computing, Networking, and Informatics ([ICACNI – 2016](#)), Rourkela, Odisha, India

ProjMAN - International Conference on Project MANagement ([ProjMAN – 2016](#)) Algarve, Portugal

Conference on Research and Practical Issues of Enterprise Information Systems ([CONFENIS – 2015](#)), Daejeon, South Korea

5th International Conference on Logistics, Informatics and Service Sciences, ([LISS – 2015](#)), Barcelona, Spain and Beijing, China

ProjMAN - International Conference on Project MANagement ([ProjMAN – 2015](#)), Algarve, Portugal

14th AIMS International Conference on Management, ([AIMS – 2014](#)), Ahmedabad, India

International Conference on Management and Information Systems ([ICMIS – 2014](#)), Bangkok, Thailand

International Conference on Technology and Business Management ([ICTBM – 2014](#)), Dubai, United Arab Emirates

International Conference on Management and Information Systems ([ICMIS – 2013](#)), Bangkok, Thailand

International Conference on Technology and Business Management ([ICTBM – 2013](#)), Dubai, United Arab Emirates

Conference on Research and Practical Issues of Enterprise Information Systems ([CONFENIS – 2012](#)), Ghent, Belgium

Conference on Research and Practical Issues of Enterprise Information Systems ([CONFENIS – 2011](#)), Aalborg, Denmark

The International Conference on Management Science and Risk ([MSR](#)) – 2011, Beijing, China

IEEE International Conference on e-Business Engineering ([ICEBE](#)) – 2011, Beijing, China

International Conference on Intelligent Computing and Information Systems ([ICICIS – 2011](#)), Cairo, Egypt.

International Conference on Technology and Business Management ([ICTBM-11](#)), SZABIST-Dubai, 2011, Dubai, United Arab Emirates

Conference on Research and Practical Issues of Enterprise Information Systems ([CONFENIS – 2010](#)), Natal, Brazil

Turgut Ozal International Conference on Economics and Politics – I, ([TOICEP – 2010](#)), Malatya, Turkey

International Conference on Technology and Business Management (ICTBM-10),

IMT-Dubai, 2010, Dubai, United Arab Emirates.
TIGERA – 2010, Hammamet, Tunisia.
Conference on Research and Practical Issues of Enterprise Information Systems
([CONFENIS – 2009](#)), Gyor, Hungary.
Confenis-IASEIIA - 2009, Kish, Iran. (Postponed)
ICICIS - 2009, Cairo, Egypt.
TIGERA - 2009, Hammamet, Tunisia.
IEEE International Conference on Service Operations and Logistics, and
Informatics 2008 - IEEE/SOLI'2008, Beijing, China.
ACM Symposium on Applied Computing SAC-2008 EIS Track, Honolulu, Hawaii,
USA.
ICISTM-2008, Dubai, United Arab Emirates.
ACM Symposium on Applied Computing SAC-2008 EIS Track, Fortaleza, Brazil.
TIGERA - 2008, Hammamet, Tunisia.
CONFENIS - 2007, Beijing, China.
ICICIS - 2007, Cairo, Egypt.
TIGERA - 2007, Hammamet, Tunisia.
CONFENIS - 2006, Vienna, Austria.
ICICIS - 2005, Cairo, Egypt.

Proceedings Coordinator:

CONFENIS – 2011, Aalborg, Denmark
CONFENIS – 2010, Natal, Brazil.
Confenis-IASEIIA – 2009, Kish, Iran. (Canceled)
CONFENIS - 2007, Beijing, China.
CONFENIS - 2006, Vienna, Austria.

Session Organizer, Session Chair, and Discussant at several International, National and Regional Meetings.

PROFESSIONAL DEVELOPMENT:

Introduction to Decision Support Systems and Decision Support System Tools. Tutorial at the 5th International Conference on Decision Support Systems: DSS-85, San Francisco, CA, April 1-4, 1985.

Computer Integrated Manufacturing: Putting It All Together. Seminar sponsored by the Winona-La Crosse Chapter of American Production and Inventory Control Society, La Crosse, WI, April 20, 1985.

1985 Institute for Material Handling Teachers. Sponsored by the College Industry Council on Material Handling Education, Funded by the Material Handling Institute Inc., University of Massachusetts at Amherst, Amherst, MA, June 2-7, 1985.

Midwest Business Administration Association Meeting, Chicago, IL, March 19-21, 1986 and March 14-16, 1990.

Modern Quality and Productivity Improvement: An Executive Seminar, Center of Quality and Productivity Improvement, University of Wisconsin at Madison, Madison, WI, September 21, 1987.

Midwest Computer Conference, University of Wisconsin at Whitewater, Whitewater, WI, March 31, 1989.

Decision Sciences Institute Annual Meeting, New Orleans, LA, November 18-22, 1989.

Managing Logistics in a Changing Environment, Seminar Sponsored by Council of Logistics Management Chicago Roundtable, Chicago, IL March 8, 1990.

Danish Summer Research Institute, Gilleleje, Denmark, August 19 to September 2, 1990.

Information Systems Seminar, Walgreens, Deerfield, IL, September 27- 28, 1990.

Logistics: The Competitive Edge, Seminar Sponsored by Council of Logistics Management Chicago Roundtable, Chicago, IL, March 7, 1991.

Congress for Progress XVII, APICS Mid Atlantic Chapters Conference, Cherry Hill, NJ, April 22-24, 1992.

Congress for Progress XVIII, APICS Mid Atlantic Chapters Conference, Philadelphia, PA, April 14-16, 1993.

Current Topics in Logistics Research and Education, Transportation and Logistics Educators Conference, Council of Logistics Management Annual Conference, Washington, DC, October 3, 1993.

International Technology and Operations Management in Manufacturing and Services: Developing Curricula and Research Agendas, Workshop sponsored by Production and Operations Management Society and CIBER, University of Maryland, Baltimore, MD, May 23-25, 1994.

Teaching Global Operations and Logistics, Educational Forum Workshop, Sponsored by the National INFORMS Meeting at New Orleans, LA, October 29 - November 1, 1995.

Introduction to Visual Basic in Excel, Workshop Sponsored by the National INFORMS Meeting at San Diego, CA, May 4-7, 1997.

Enriching the Middle East's Economic Future Conference, Sponsored by the Ministry of Foreign Affairs, Doha, Qatar, March 9-11, 2008.

Workshop on Lotfi A. Zadeh's Fuzzy Logic and Its Applications, Co-Sponsored by The Franklin Institute and The Center for Advanced Communications, College of Engineering, Villanova University, Villanova, PA April 22, 2009.

Annual Conference of Discrete System Simulation Technology and Application – Session Chair, Discrete System Simulation Committee of China Simulation Federation, Beijing Jiaotong University, Beijing, China October 16, 2016.

ACADEMIC DISTINCTIONS:

President's Award: Engineering School, Mosul University, Mosul, Iraq. (B.Sc. Degree 1974 – Ranked First in the Graduating Class of 1974 in the entire School)

Department Research Assistantship: School of Engineering and Applied Sciences, Columbia University. (1978-79)

Teaching Assistantship: School of Engineering and Applied Sciences and the Summer School, Columbia University. (Fall 1980, 1979-80, and 1977-78)

Fellowship: School of Engineering and Applied Sciences, Columbia University. (Spring 1981)

Researcher-of-the-Year: Nominated 1985 and 1986 by the Department of Management, College of Business Administration, University of Wisconsin at La Crosse.

Teacher-of-the-Year: Recipient of the 1988 award sponsored by the College of Business Administration Student Advisory Council, University of Wisconsin at La Crosse. (Also, nominated in 1986 and 1987)

Research Award: Recipient of the best research paper published in 1993 in the College of Commerce and Finance, Villanova University, 1994.

Bridgebuilder Award: Recipient of the Inaugural Award as selected by the students from Learning Support Services, Villanova University, 2003.

Summer Research Award: Recipient of the Villanova School of Business Research Award, Villanova University, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014 , 2015, 2016, 2017, 2018, and 2019.

Luminary Recognition: Recognized as luminary in an area of MIS by the *Global Journal of Enterprise Information System*, 2011.

(<http://www.gjeis.org/index.php/gjeis/issue/view/3136>)

O'Mara Teaching Award: Finalist for the 2014 Daniel J. O'Mara Villanova School of Business Teaching Award, 2014.

ACADEMIC SERVICE:

Developed the Management Science Track in the Department of Management, University

of Wisconsin at La Crosse that was implemented during 1987 – 1988.

Served on the following Committees at **University of Wisconsin at La Crosse**:

- *University*, Promotion, Tenure, and Salary Committee, Member, 1987 – 1988.
- *University*, Library Faculty Committee, Member, 1986 – 1987.
- *University*, Student Activity Committee, Member, 1985 – 1986.
- *Executive Committee*, Office of International Education, Member, 1987 – 1988.
- *College of Business Administration*, Computer Liaison Committee, Member, 1984 – 1988.
- *College of Business Administration*, Ad hoc MBA Advisory Committee, Member, 1986 – 1987.
- *College of Business Administration*, Student Advisory Council, Advisor, 1985 – 1988.
- *Department of Management*, Merit Committee, Member, 1984 – 1987.
- *Department of Management*, Ad hoc Merit Form Revision Committee, Member, 1986 – 1987.
- *Department of Management*, Retention and Promotion Committee, Member, 1987 – 1988.
- *Department of Management*, Ad hoc Grading Committee, Member, 1987 – 1988.

Served on the following Committees at **Loyola University of Chicago**:

- *University*, WTC Ad Hoc Hours Committee, Member, 1991.
- *Department of Management Science Operations Management*, Concentration Committee, Member, 1988 – 1991.

Served/Serving on the following Committees at **Villanova University**:

- *University*, Faculty Summer Research Grant Committee, Member, 1993-1994. (Presented and obtained summer funding for all five College proposals and one Arts and Sciences proposal.)
- *University*, Phi Kappa Phi Academic Honor Society, Immediate Past President 1999 – 2001, President, 1997 – 1999, and Secretary, 1995 – 1997.
- *University*, Faculty Senate (Elected), Member, Spring 2000.
- *University*, University Senate (Elected/Re-Elected), Member, 2000 – 2002, 2002 – 2004, 2004 – 2006, 2006 – 2008, 2008 – 2010, and 2010 – 2012 term appointment.
- *University*, Faculty Congress (Elected/Re-Elected), Member, 2000 – 2002, 2002 – 2004, 2004 – 2006, 2006 – 2008, 2008 – 2010, 2010 – 2012, 2012 – 2014, 2016 – 18, and 2018 – 2020 term appointment.
- *University*, Committee on Faculty, Member, 2000 – 2002, 2002 – 2004, and 2004 – 2006, 2004 – 2008, 2008 – 2010, and 2010 – 2012 term appointment. 2012 – 2014 (Elected)
- *University*, Faculty Rights and Responsibilities Committee, Member, 2016 – 18 and 2018 - 2020 (Elected)
- *University*, Elections Committee, Member, 2000 – 2004.

- *University*, Executive Committee, Member, 2002 – 2004, 2004 – 2006, 2006 – 2008, 2008 – 2010, and 2010 – 2012.
- *University*, Senate Budget Committee, Member, 2008 – 2010, 2010 – 2012, and 2012 – 2014.
- *University*, Vital Business Advisory Committee, Member, 2012 – 2013 and 2013 – 2014.
- *University*, Senate Salary and Benefits Committee, Member, 2008 – 2010.
- *University*, Lawrence C. Gallen, O.S.A., Faculty Service Award, Member, 2002 (Chair), 2003 – 2006.
- *University*, College of Commerce and Finance’s Dean Search Committee (Elected), Member, 2002 – 2003 and 2004 – 2005.
- *College of Commerce and Finance*, Joint Programs Committee, Chairperson, 1998 – 1999. (Prepared and delivered a report for the Dean concerning a possible joint program with the School of Engineering)
- *College of Commerce and Finance*, Strategic Implementation Committee, Chairperson, 1996 – 1997.
- *College of Commerce and Finance*, Strategic Planning Committee, Member, 1995 – 1996.
- *College of Commerce and Finance*, Research Committee, Member, 1992-95 and 1997 – 1998.
- *College of Commerce and Finance*, Graduate Curriculum Committee, Member, 1994 - 1995 and 1998 - 1999.
- *College of Commerce and Finance*, Undergraduate Curriculum Committee, Member, 2000 – 2002 and 2004 – 2005.
- *College of Commerce and Finance*, Wall Street Journal Curriculum Integration Committee, Member, 2000 – 2001.
- *College of Commerce and Finance*, Assessment Committee, Chairperson, 2003 – 2005.
- *College of Commerce and Finance*, International Program Committee, Member, 2003 – 2005.
- *Villanova School of Business (Formerly known as College of Commerce and Finance)*, Representative of the Department of Decision and Information Technologies, Rank and Tenure Committee (Elected), Member, 2003 – 2006 and 2006-2009 term appointments. The second-term appointment was curtailed to one year due to the merger of the Department of Management and Department of Decision and Information Technologies in Fall 2007.
- *Villanova School of Business*, Professional Development Committee, Member, 2006 – 2007 term appointment.
- *Villanova School of Business*, Dean’s Evaluation Committee, Member, 2009 – 2010.
- *Villanova School of Business*, Dean’s Assessment Committee, 2010 – 2011.
- *Villanova School of Business*, Rank and Tenure Committee, (Elected), 2010 – 2013 and 2016 – 2019.
- *Villanova School of Business*, Rank and Tenure Committee, (Appointed due to Elected Departmental Representative on Sabbatical Leave), 2019 – 2020
- *Villanova School of Business*, Graduate Committee, Member, 2010 – 2011 and

2011 – 2012.

- *Villanova School of Business*, Global Programs Committee, Member, 2012 – 2016.
- *Villanova School of Business*, MBA Program Admissions and Academic Standing Committee, Member, 2015 – 16.
- *Villanova School of Business*, Service Committee, Member, 2016 – 2019.
- *Villanova School of Business*, Interfaith Committee, Member, 2017 – 2020.
- *Villanova School of Business*, Course Coordinator Committee, VSB3008 – Operations Management, (Appointed), Member, 2018 – 2020.
- *Department of Management*, Quantitative and Operations Management Course Team, Chairperson, Developed and implemented a new Graduate level course, 1998.
- *Department of Management*, Management Major Committee, Member, 1997 – 1998.
- *Department of Management*, MIS/POM Recruiting Committee, Member, 1995 – 1996.
- *Department of Management*, Journal Ranking Committee, Member, Fall 1995.
- *Department of Management*, Ad hoc Marketing the Major Committee, Member, 1992 – 1993.
- *Department of Management*, Benchmarking Committee, 1994 – 1995.
- *Department of Management*, Total Quality Management Course Committee, Developed and implemented a team taught Graduate level course, 1992 – 1993.
- *Department of Management/Decision and Information Technologies*, Operations Management and Management Science Area Committee, Member, 1991 – 2007.
- *Department of Decision and Information Technologies*, MIS Recruiting Committee, Member, 2000 – 2001.
- *Department of Decision and Information Technologies*, OM Recruiting Committee, Member, 2003 – 2004.
- *Department of Management & Operations/International Business*, Business Analytics Recruiting Committee, Member, 2011 – 2012 and 2015 – 2016.
- *Department of Management & Operations/International Business*, Rank and Tenure Committee, Member, 2013 – 2018.
- *Department of Management & Operations/International Business*, MBA/Master's in Management Graduate Programs Exploration Committee, Member, 2017-2018.

Attended numerous monthly meetings with students of American Production and Inventory Control Society, Institute of Industrial Engineers, and Council of Logistics Management, 1985 to present.

Advisor to the following student organizations: University of Wisconsin at La Crosse: Badminton Club (1984 – 1988), Delta Sigma Pi (1987 – 1988); Loyola University of Chicago: Management Science Club (1988 – 1991); and Villanova University: Student Chapter of APICS (1991 – 2007); Villanova Badminton Club (1994 – 1996); Muslim Student Association (2000 – 2005).

HONOR AND PROFESSIONAL SOCIETY MEMBERSHIPS (Present and Past):

- ALPHA PI MU, Industrial Engineering Honor Society
- BETA GAMMA SIGMA, AACSB Accredited Business Schools Honor Society
- PHI KAPPA PHI, Academic Honor Society
- TAU BETA PI, National Engineering Honor Society
- DELTA SIGMA PI, Professional Business Fraternity
- Senior Member (Past), Institute of Industrial Engineers
- Member (Past), Institute for Operations Research and the Management Sciences
- Member (Past), American Production and Inventory Control Society
- Member (Past), Decision Sciences Institute
- Member (Past), Midwest Business Administration Association