
Bahram Alidaee, Ph.D.

Professor of Operations Management

**Department of Marketing
School of Business Administration
The University of Mississippi
University, MS 38677**

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Professional Interests

Research Interests

Supply Chain Management, Complex Systems, Quality Function Deployment and Product Design, Data Mining and Analysis, Cooperative and Control Organizational Complexity and Change, Heuristic Programming, Operations Scheduling, Cost Allocations and Game Theory

Teaching Interests

Operations Management, Supply Chain Management, Operations Research, Mathematical Programming, Business Statistics

Academic Background

Ph.D. The University of Texas, Arlington, TX, Mathematical Sciences, 1988

M.B.A. The University of North Texas, Denton, TX, Production and Operations Management (Industrial Management), 1981

B.S. The University of Tehran, Iran, Business Administration, 1975

Work Experience

Academic Experience

Professor of Operations Management, School of Business Administration, University of Mississippi (2005 - Present).

Joint Professor in Pharmacy Administration, University of Mississippi, School of Pharmacy (2005 - Present).

Interim Director, Hearin Center for Enterprise Science, University of Mississippi (2004 - Present).

Joint Associate Professor with Pharmacy Administration, School of Pharmacy, University of

Mississippi (1997 - 2005).

Associate Professor of Operations Management, School of Business Administration, University of Mississippi (1997 - 2005).

Faculty Coordinator, the Hearin Center for Enterprise Science, School of Business Administration, University of Mississippi (1998 - 2001).

Assistant Professor of Operations Management, School of Business Administration, University of Mississippi (1995 - 1996).

Assistant Professor and Associate Professor, West Texas A & M University (1988 - 1995).

Consulting

2005: Gaming Industry, Game Assessment for General Manager of Operations at Gold Strike. \$1500 paid to a graduate assistant.

2005: Gaming Industry, Assessment of a casino game.

Paid Service

2005: Consulting service to Gold Strike General Operations Manager, Consulting service to Gold Strike general Operations Manager for developing a game. My graduate student was paid \$1500.

Teaching

Courses Taught

Scheduled courses: Advanced Directed Study, Business Decision Making, Individual Study, Integer and Non-linear Optimization, Operations Management I, Operations Management II, Production Scheduling, Special Topics in Business, Statistics II: Multivariate and Nonparametric Statistics, Supply Chain Management

Other courses:

Operations Management I, Supply Chain Management, Operations Research, Operations Planning and Control, Business Statistics, Decision Making, Advanced Mgmt. Science, Applied Linear Stat Models, Integer and Nonlinear Programming

Other Teaching Activities

Course (Existing) - Compensated Redesign

2006 - Course (Existing) - Compensated Redesign. MBA 612

2006 - Course (Existing) - Compensated Redesign. Mgmt 797

2006 - Course (Existing) - Compensated Redesign. MBA 612

2006 - Course (Existing) - Compensated Redesign. Mgmt 475

2006 - Course (Existing) - Compensated Redesign. Mgmt 372, Oxford

2006 - Course (Existing) - Compensated Redesign. Mgmt 372, Southaven

Course (New) - Creation/Delivery: Conventional

2006 - Course (New) - Creation/Delivery: Conventional. Multi Variate Statistical Analysis

Course (New) - Creation/Delivery: Online

2006 - Course (New) - Creation/Delivery: Online. Professional MBA Online

Research/Intellectual Contributions:

Refereed Articles

- Alidaee, B., Wang, H., & Landram, F. (2011). On the Flexible Demand Assignment Problems: Case of Unmanned Aerial Vehicles. *IEEE Transactions on Automation Science and Engineering*, 8 (4), 865-868.
- Alidaee, B. & Wang, H. (in press, 2011). On the integer programming formulation of production scheduling optimization algorithm for the hot rolling processes. *International Journal of Production Research*.
- Du, S., Daigle, J., & Alidaee, B. (2011). Upper bounding service capacity in multi-hop wireless SSMA-based ad hoc networks. *Ad Hoc Networks*, 9, 120-130.
- Alidaee, B., Gao, H., & Wang, H. (2010). A Note on Task Assignment Problems. *Computer & Industrial Engineering*, 59, 1015-1018.
- Ablanedo, J., Gao, H., Zheng, X., Alidaee, B., & Wang, H. (2010). A Study of the Relative Efficiency of Chinese Ports: A Financial Ratio Based Data Envelopment Analysis Approach. *Expert Systems*, 27 (5), 349-362.
- Weeks, K., Gao, H., Alidaee, B., & Rana, D. (2010). An Empirical Study of Impacts of Production Mix, Product Route Efficiencies on Operations Performance and Profitability: A Reverse Logistics Approach. *International Journal of Production Research*, 48 (4), 1087-1104.
- Landram, F., Landram, S., Wang, H., & Alidaee, B. (2010). Maintaining a Successful Statistical Help Laboratory. *Decision Sciences Journal of Innovative Education*, 8 (2), 422-428.
- Abaleno, J., Alidaee, B., Moreno, J., & Urbino, J. (2010). Quality Improvement Supported by the 5S, an Empirical Case Study of Mexican Organizations. *International Journal of Production Research*, 48 (23), 7063-7087.
- Wang, H., Alidaee, B., Kochenberger, G., & Lewis, M. (2010). Solving the market split problem via branch-and-cut. *International Journal of Mathematical Modelling and Numerical Optimisation*, 1 (1/2), 121-127.
- Alidaee, B., Kochenberger, G., & Wang, H. (2010). Theorems Supporting r-flip Search for Pseudo-Boolean Optimization. *International Journal of Applied Mathematics and Computation*, 1 (1), 93-109.
- Wang, H. & Alidaee, B. (2009). A Decision Support Tool for Emergency Planning. *International Journal of Service Sciences*, 2 (2), 162-173.
- Alidaee, B. & Wang, H. (2009). A Note on Integer Programming Formulations of the Real-Time Optimal Scheduling and Flight Path Selection of UAVs. *IEEE Transactions on Control Systems Technology*, 17 (4), 839-843.
- Lewis, M., Alidaee, B., Glover, F., & Kochenberger, G. (2009). A Note on xQx as a Modeling and Solution Framework for the Linear Ordering Problem. *International Journal of Operational Research*, 5 (2), 152-162.
- Ablanedo, J., Gao, H., Alidaee, B., & Teng, W. (2009). Allocation of Emergency and Recovery

- Centers in Hidalgo, Mexico. *International Journal of Service Sciences*, 2 (2), 206-218.
- Alidaee, B., Kochenberger, G., Lewis, K., Lewis, M., & Wang, H. (2009). Computationally attractive non-linear models for combinatorial optimization. *International Journal of Mathematics in Operations Research*, 1, 9-19.
- Alidaee, B. & Wang, H. (2009). Viewpoint on preventive maintenance scheduling of multi-cogeneration plants using integer programming. *Journal of Operational Research Society*, 60 (8), 1295-1299.
- Qi, H., Altinakar, M., Vienira, D., & Alidaee, B. (2008). A Conceptual Framework of Agricultural Land Use Planning with BMP for Integrated Watershed Management. *Journal of American Water Resource Association*, 44 (4), 866-878.
- Alidaee, B., Kochenberger, G., Lewis, K., Lewis, M., & Wang, H. (2008). A New Approach for Modeling and Solving Set Packing Problems. *European Journal of Operational Research*, 186 (2), 504-512.
- Lewis, M., Kochenberger, G., & Alidaee, B. (2008). A New Modeling and Solution Approach for the Set Partitioning Problem. *Computer & Operations Research*, 35 (3), 807-813.
- Alidaee, B., Wang, H., & Xu, A. (2008). A Pseudo-Boolean Optimization for Multiple Criteria Decision Making in Complex Systems. *Lecture Notes in Computer Science*, 4490, 194-201.
- Landram, F., Pavour, R., & Alidaee, B. (2008). An Algorithm for Enhancing Spreadsheet Regression with Out-of-Sample Statistics. *Communications in Statistics - Simulation and Computation*, 37 (8), 1578-1592.
- Wang, H., Obremski, T., Alidaee, B., & Kochenberger, G. (2008). Clique Partitioning for Clustering: A Comparison with K-means and Latent Class Analysis. *Communications in Statistics, Theory, and Methods*, 37 (1), 1-13.
- Landram, F., Pavour, R., & Alidaee, B. (2008). Combining Time Series Components for Improved Forecasts. *Decision Sciences Journal of Innovative Education*, 6 (2), 197-204.
- Alidaee, B., Kochenberger, G., & Wang, H. (2008). Simple and fast Surrogate Constraints Heuristics for the Maximum Independent Set Problem. *Journal of Heuristics*, 14 (6), 571-586.
- Kochenberger, G., Alidaee, B., Glover, F., & Wang, H. (2007). An Effective Modeling and Solution Approach for the Generalized Independent Set Problem. *Optimization Letters*, 1, 111-117.
- Wang, H., Alidaee, B., Glover, F., & Kochenberger, G. (2007). Solving Group Technology Problems via Clique Partitioning. *International Journal of Flexible Manufacturing Systems*, 18 (2), 77-97.
- Alidaee, B., Glover, F., Kochenberger, G., & Wang, H. (2007). Solving the Maximum Edge Weight Clique Problem via Unconstrained Quadratic Programming. *European Journal of Operational Research*, 181 (2), 592-598.
- Kochenberger, G., Glover, F., Alidaee, B., & Lewis, K. (2006). Using the Unconstrained Quadratic Program to Model and Solve Max 2-SAT Problems. *International Journal of Operations Research*, 1 (1/2), 89-100.
- Alidaee, B., Kochenberger, G., Glover, F., & Rego, C. (2005). A New Modeling and Solution Approach for the Number Partitioning Problem. *Journal of Applied Mathematics and Decision*

Sciences, 9 (2), 113-121..

Alidaee, B. & Kochenberger, G. (2005). A Note on a Simple Dynamic Programming Approach to the Single-Sink Fixed Charge Transportation Problem. *Transportation Science Journal*, 39 (1), 140-143.

Kochenberger, G., Glover, F., Alidaee, B., & Rego, C. (2005). An Unconstrained Quadratic Binary Programming Approach to the Vertex Coloring Problem. *Annals of Operations Research*, 139, 229-241.

Kochenberger, G., Glover, F., Alidaee, B., & Wang, H. (2005). Clustering of Microarray data via Clique Partitioning. *Journal of Combinatorial Optimization*, 10, 77-92..

Lewis, M., Alidaee, B., & Kochenberger, G. (2005). Using xQx to Model and Solve the Uncapacitated Task Allocation Problem. *Operations Research Letters*, 33, 176-182.

Alidaee, B., Kochenberger, G., Glover, F., & Rego, C. (2004). A Unified Modeling and Solution Procedure for Combinatorial Optimization. *OR-Spectrum*, 26, 237-250.

Alidaee, B., Glover, F., & Kochenberger, G. (2002). An Efficient Approach for Solving the Assignment Problem with Side Constraints. *International Journal of Information Technology & Decision Making*, 1, 121-129.

Li, W. & Alidaee, B. (2002). Dynamics of Local Search Heuristics for the TSP. *IEEE Transactions on Systems Man and Cybernetics*, 32, 173-184.

Naidu, J., Gupta, J. N., & Alidaee, B. (2002). Insights Into Two Solution Procedures for the Single Machine Tardiness Problem. *Journal of Operational Research Society*, 53, 800-806.

Alidaee, B., Glover, F., Kochenberger, G., & Rego, C. (2002). One-pass Heuristic for Large-scale Unconstrained Binary Quadratic Optimization. *European Journal of Operational Research* (137), 272-287.

Kethley, B. & Alidaee, B. (2002). Single Machine Scheduling to Minimize Total Weighted Late Work: A Comparison of Scheduling Rules and Search Algorithms. *Computer & Industrial Engineering*, 43 (3), 509-528.

Alidaee, B. & Kochenberger, G. (2001). Greedy Solutions of Selection and Ordering Problems. *European Journal of Operational Research*, 134 (1), 205-217.

Alidaee, B., Hwang, C. P., & Johnson, J. (1999). A Tour Construction Heuristic for Traveling Salesman Problem. *Journal of Operational Research Society*, 50, 797-809.

Alidaee, B. & Womer, N. K. (1999). Scheduling with Time Dependent Processing Times: Review and Extensions. *Journal of Operational Research Society*, 50, 711-720.

Alidaee, B. (1999). Three-person Minimum Spanning Tree Games. *Mathematical and Computer Modeling*, 29, 107-123.

Alidaee, B., Glover, F., & Kochenberger, G. (1998). Adaptive Memory Search for Binary Quadratic Programs. *Management Science*, 44, 336-345.

Sexton, R., Alidaee, B., Johnson, J., & Dorsey, R. (1998). Global Optimization for Artificial Neural Networks: A Tabu Search Application. *European Journal of Operational Research*, 106, 570-584.

Alidaee, B. & Dragan, I. (1997). A Note on Minimizing the Weighted Sum of Tardy and Early

Completion Penalties in a Single Machine: A Case of Small Common Due Date. *European Journal of Operational Research*, 96, 559-563.

Alidaee, B. & Conlon, S. (1997). A Note on the Bicriterion Scheduling Problem Involving Total Flow Time and Range of Lateness. *International Journal of Information and Management Sciences*, 8 (2), 1-7.

Alidaee, B. & Gopalan, S. (1997). A Note on Two Rules for Single Machine Tardiness. *European Journal of Operational Research*, 96, 514-517.

Alidaee, B. & Landram, F. (1997). Computing Orthogonal Polynomials. *Computer & Operations Research*, 24 (5), 473-476.

Alidaee, B. & Rosa, D. (1997). Scheduling Parallel Machines to Minimize Total Weighted and Unweighted Tardiness. *Computer & Operations Research*, 24 (8), 775-788.

Alidaee, B. & Ramakrishnan, R. (1996). A Computational Experiment of AU_COVERT Class of Rules for Single Machine Tardiness. *Computer & Industrial Engineering*, 30, 201-209.

Alidaee, B. & Kochenberger, G. (1996). A Framework for Machine Scheduling Problems with Controllable Processing Times. *Production and Operations Management*, 5 (4), 391-405.

Alidaee, B. & Landram, F. (1996). Scheduling Jobs on a Single Machine to Minimize the Maximum Processing Times. *International Journal of Systems Science*, 27, 507-510.

Alidaee, B. & Ahmadian, A. (1996). Scheduling on a Single Processor with Variable Speed. *Information Processing Letters*, 60, 189-193.

Alidaee, B. & Rosa, D. (1995). On the V-shaped property in One-machine Scheduling. *Journal of Operational Research Society*, 46, 128-132.

Alidaee, B., Kochenberger, G., & Ahmadian, A. (1994). 0-1 Quadratic Programming Approach for Optimum Solutions of Two Scheduling Problems. *International Journal of Systems Science*, 25, 401-408.

Alidaee, B. (1994). Minimizing Absolute and Squared Deviation of Completion Times from Due Date. *Production and Operations Management*, 3 (2), 133-148.

Alidaee, B. & Kochenberger, G. (1994). Minimizing Absolute Flow Time Variation in Single and Multiple Machine Scheduling. *Journal of Operational Research Society*, 45 (9), 1077-1087.

Alidaee, B. (1994). Optimal Sequencing in Multi characteristics Inspection Policy. *Journal of Optimization Theory and Applications*, 83, 199-205.

Alidaee, B. (1994). Proof of Permutationally Convexity of MCSF Games. *ZOR Methods and Models of Operations Research*, 39, 243-248.

Alidaee, B. (1993). Numerical Methods for Single Machine Scheduling with Nonlinear Cost Functions to Minimize Total Cost. *Journal of Operational Research Society*, 44, 125-132.

Alidaee, B. & Panwalkar, S. (1993). Single Stage Minimum Absolute Lateness Problem with a Common Due Date on Non-identical Machines. *Journal of Operational Research Society*, 44, 29-36.

Alidaee, B. (1993). Two Parallel Machine Sequencing Problems Involving Controllable Job Processing. *European Journal of Operational Research*, 70 (3), 335-342.

Alidaee, B. (1992). Maximizing Set Function Formulation of Two Scheduling Problems. *ZOR*

Methods and Models of Operations Research, 36, 409-416.

Alidaee, B. (1992). Optimal Assignment of NOP Due-Dates and Sequencing in a Single Machine Shop. ZOR Methods and Models of Operations Research, 36, 333-341.

Alidaee, B. (1992). Scheduling of n Jobs on Two Identical Machines to Minimize Weighted Mean Flow Time. Computer & Industrial Engineering, 24, 53-55.

Alidaee, B. & Ahmadian, A. (1992). Weighted Earliness Tardiness Problem in Single Machine. International Journal of Engineering, 3, 63-75.

Alidaee, B. (1991). A Note on Permutationally Convex Games. Theory and Decision, 30, 109-111.

Alidaee, B. (1991). Optimal Assignment of Slack Due Date and Sequencing in a Single Machine Shop. Applied Mathematics Letters, 4 (2), 9-11.

Alidaee, B. (1991). Single Machine Scheduling with Nonlinear Cost Functions. Computer & Operations Research, 18 (3), 317-323.

Alidaee, B. (1990). A Heuristic Solution Procedure to Minimize Makespan in Single Machine Scheduling. Journal of Operational Research Society, 41 (11), 1065-1068.

Alidaee, B. (1989). Analyzing Total Cost for a Single Machine and n Jobs by use of a Symmetric Matrix Arising from a Quadratic Form of Service Times. The Logistics and Transportation Review, 24 (4), 367-374.

Papers Under Review

Kochenberger, G., Glover, F., Alidaee, B., & Wang, H. (2005). "Attractive Nonlinear Models: Calling Into Question the Tenet of Linearity for Combinatorial Problems," Initial submission to .

Alidaee, B., Glover, F., Kochenberger, G., Lewis, M., & Lewis, K. (2005). "Modeling and Solving Set Packing Problems via Unconstrained Quadratic Programming," Initial submission to European Journal of Operational Research.

Kochenberger, G., Glover, F., Alidaee, B., & Wang, H. (2004). "Solving the Maximum Edge Weight Clique Problem via Unconstrained Quadratic Programming," Initial submission to European Journal of Operational Research.

Book

Alidaee, B. & Altinakar, M. (2008). International Journal of Service Sciences Inderscience Publishing.

Rego, C. & Alidaee, B. (2005). Adaptive Memory and Evolution: Tabu Search and Scatter Search, Kluwer Academic Publisher.

Book Chapters

Refereed

Rego, C., Alidaee, B., & Kochenberger, G. (2003). "Managerial Issues in Complex Planning Procedures: A Case Study of QFD", In J. Cha, R. Jardim-Goncalves, and A. Steiger-Garcia (Eds.) Concurrent Engineering Advanced Design, Production and Management Systems. Tokyo, Japan: Balkema Publisher.

Kochenberger, G., Glover, F., Alidaee, B., & Rego, C. (2002). "Solving Combinatorial

- Optimization Problems via Reformulation and Adaptive Memory Metaheuristics", In Menon & Doldberg, D. (Eds.) *Revolutionary Visions in Evolutionary Computations*. Kluwer Publishers.
- Glover, F., Alidaee, B., Kochenberger, G., & Amini, M. (2002). "Solving Quadratic Knapsack Problems by Reformulation and Tabu Search. Single Constraint Case", In P. Pardalos, A. Migdalas, & R. Burkard (Eds.) *Combinatorial and Global Optimization*, (pp. 111-121). World Scientific Publications.
- Alidaee, B. (2000). "Inventory Control", *Managerial and Decision Economics*, (pp. 21, 307).
- Alidaee, B., Glover, F., Kochenberger, G., & Amini, M. M. (1999). "Tabu Search with Critical Event Memory: An Enhanced Application for Binary Quadratic Programs", In S. Voss, S. Martello, I. Osman, and C. Roucairol (Eds.) *Meta-Heuristics, Advances and Trends in Local Search Paradigms for Optimization*, (pp. 93-109). Kluwer.
- Amini, M. & Alidaee, B. (1999). "A Scatter Search Approach to Unconstrained Binary Quadratic Programming", In Corne, Dringo and Glover (Eds.) *New Methods in Optimization*, (pp. 317-329). New York, New York: McGraw-Hill .

Refereed Proceedings

Full Paper

- Daigle, J., Du, S., & Alidaee, B. (2009). Upper Bounding Service Capacity in Multihop Wireless SSMA-Based Ad Hoc Networks. *Ad Hoc Networks (ADHOCNETS)*.
- Shiron, S., Daigle, J., & Alidaee, B. (2009). Upper Bounding Service Capacity in Multihop Wireless SSMA-Based Ad Hoc Networks. *ADHOCNETS, Proceedings* .
- Wang, H., Alidaee, B., Li, J., He, J., & Altinakar, M. (2008). Critical Infrastructure Management with Failure Front Prediction for Water Security. *Proceeding of RAC2008, Advances in Intelligent System Research, Guanzhou, China, 6, 15-22*.
- Lin, R., Wang, H., Alidaee, B., & Kochenberger, G. (2007). Preferable-Interval Approaches to the Single-Sink Fixed-Charge Transportation Problem. *International Conference on Management Innovation, 1, 12 pages*.
- Alidaee, B., Altinakar, M., & Wang, H. (2007). A Decision Support Tool for Emergency Management Planning. *International Conference on Management Innovation, 1, 7 pages*.
- Wang, H., Alidaee, B., & Xu, Y. (2006). An Attractive Alternative Modeling and Solution Approach for Market Segmentation,. *Decision Sciences Institute Meeting*.
- Wang, H., Alidaee, B., & Kochenberger, G. (2004). Evaluating a Clique Partitioning Problem Model for Clustering Data Mining. *America's Conference on Information Systems (AMCIS)*.
- Grierstorfer, P., Rego, C., & Alidaee, B. (2003). A Filter-and-Fan Approach for the Facility Location Problem. *Metaheuristics International Conference*.
- Naidu, J. & Alidaee, B. (1997). A New Hybrid heuristic to Minimize the Single Machine Total Tardiness. *Decision Sciences Institute Meeting*.
- Hwang, C. P., Alidaee, B., & Johnson, J. (1996). Comparison of Recent Metaheuristic Procedures for Large Traveling Salesman Problem. *Decision Sciences Institute Meeting*.
- Chou, D. & Alidaee, B. (1995). A Comparison Study of Software Quality Control. *Decision Sciences Institute Meeting, 1700-1702*.

Alidaee, B. (1990). Minimizing Weighted Absolute Deviation in a Single Machine Scheduling. Decision Sciences Institute Meeting, 56-57.

Chou, D. & Alidaee, B. (1990). A Comparison of the Experimental Behaviors on Inflation and Interest Rates in the U.S. and West Germany. Decision Sciences Institute Meeting, 460-462.

Alidaee, B. (1989). A New Class of Sequencing Games. Mountain Plain Management Association, 140-150.

Alidaee, B. (1989). Scheduling of n Jobs on a Single Machine Where each Job has a Differentiable Cost Function. Mountain Plain Management Association, 129-140.

Working Papers

Alidaee, B. (2004). "Formulation and Solution Procedure for Quality Function Deployment".

Alidaee, B. (2004). "Integer Programming Solutions and Algorithms for Certain Graph Theoretic Problems in Bioinformatics".

Presentation of Refereed Papers

International

Daigle, J., Du, S., & Alidaee, B. (2009). Upper Bounding Service Capacity in Multihop Wireless SSMA-Based Ad Hoc Networks. Ad Hoc Networks (ADHOCNETS), Niagra, Canada.

Alidaee, B., Altinakar, M., & Wang, H. (2007, June). A Decision Support Tool for Emergency Management Planning. International Conference on Management Innovation, Shanghai, China.

Gao, H. & Alidaee, B. (2007). Preventive Maintenance Scheduling with Multi-Skilled Workforce Constraints for Supply Chain Management. Decision Sciences Institute, Phoenix, Arizona.

Kethley, B. & Alidaee, B. (2007). Single Machine Scheduling to Minimize A Modified Total Weighted Late Work Function. Decision Sciences Institute , Phoenix, Arizona.

Lin, R., Wang, H., Alidaee, B., & Altinakar, M. (2007, June). Preferable-Interval Approaches to the Single-Sink Fixed-Charge Transportation Problem. International Conference on Management Innovation, Shanghai, China.

Wang, H., Alidaee, B., & Atinakar, M. (2007). Developing Decision Support and Optimization Tool for Emergency and Infrastructure Management. Decision Sciences Institute , Phoenix, Arizona.

Wang, H., Alidaee, B., & Xu, Y. (2006, November). An Attractive Alternative Modeling and Solution Approach for Market Segmentation,. Decision Sciences Institute Meeting, San Antonio, Texas.

Kochenberger, G., Glover, F., Alidaee, B., & Wang, H. (2005, June). Attractive Nonlinear Models: Calling Into Question the Tenet of Linearity for Combinatorial Problems. Metaheuristics International Conference, Vienna, Austria.

Alidaee, B., Glover, F., Kochenberger, G., & Lewis, K. (2004, May). An Application of Filter-and-Fan to Satisfiability Problem. INFORMS, Banff, Canada.

Wang, H., Alidaee, B., & Kochenberger, G. (2004). Local Search Heuristic Algorithms for Complex Network. INFORMS, Denver, Colorado.

Wang, H., Alidaee, B., & Kochenberger, G. (2004). An Efficient Approach to Group Technology Problem in a Flexible Manufacturing System. INFORMS, Denver, Colorado.

Xu, Y., Conlon, S., Wang, H., Alidaee, B., & Kochenberger, G. (2004, October). Query Expansion Using Support Vector Machine. INFORMS, Denver, Colorado.

Kochenberger, G., Glover, F., Alidaee, B., & Wang, H. (2003). The Unconstrained Quadratic Binary Programming Approach to Combinatorial Optimization. INFORMS, Atlanta, California.

Kochenberger, G., Alidaee, A., & Wang, H. (2003). New Methodology for Clustering Data Mining. INFORMS, Atlanta, California.

Alidaee, B. & Kochenberger, G. (2002). Fast Heuristics for Maximum Independent Set on a Graph. INFORMS, San Jose, California.

Rego, C., Amini, M., Alidaee, B., Glover, F., & Kochenberger, G. (2002, July). Scatter Search for Unconstrained Binary Quadratic Program. IFORS, Edinburgh, Scotland.

Alidaee, B., Ghandforoush, P., & Kochenberger, G. (2001). Fast Heuristics for Very-Large-Scale Maximum Independent Set & Related Problems Using Neural Networks Approach. INFORMS, Miami Beach, Florida.

Glover, F., Kochenberger, G. , & Alidaee, B. (2001). New Heuristic Approaches to Graph Optimization & Related Problems. INFORMS, Miami Beach, Florida.

Alidaee, B., Glover, F., & Kochenberger, G. (2000). Applications of Binary Quadratic Programming. INFORMS, Salt Lake City, Utah.

Alidaee, B., Glover, F., & Kochenberger, G. (2000). One-pass Algorithms for Binary Quadratic Programming. INFORMS, Salt Lake City, Utah.

Alidaee, B., Glover, F., & Kochenberger, G. (2000). An Effective Solution of Very-Large-Scale Binary Quadratic Programs. INFORMS, San Antonio, Texas.

Alidaee, B., Glover, F., Kochenberger, G., & Wang, H. (2000, August). The Comparison of Parallel Programming Techniques Applied to the Maximum Clique Problem. 17th International Symposium on Mathematical Programming, Atlanta, Georgia.

Alidaee, B., Glover, F., & Kochenberger, G. (2000, July). Solving the 0/1 Unconstrained Quadratic Programming Problem via the Roof Dual. 17th European Conference on Operations Research, Budapest, Hungary.

Alidaee, B., Glover, F., & Kochenberger, G. (2000, July). One-pass Algorithms for Very Large Binary Quadratic Programs. 17th European Conference on Operations Research, Budapest, Hungary.

James, T., Johnson, J., & Alidaee, B. (2000). Distributed Genetic Algorithms for Training Neural Networks on Large Databases for Data Mining Applications. INFORMS, Salt Lake City, Utah.

Wang, H., Alidaee, B. , & Kochenberger, G. (2000). An Improved Parallel Neural Network Solution on the Maximum Clique Problem. INFORMS, San Antonio, Texas.

Alidaee, B., Amini, M. M. , & Kochenberger, G. (1998). Greedy Solutions of Selection and Ordering Problems. INFORMS, Seattle, Washington.

Alidaee, B., Amini, M. M. , & Kochenberger, G. (1998). Application of tabu Search, Scatter Search and the Unconstrained Quadratic Binary Program. INFORMS, Seattle, Washington.

Amini, M. M., Alidaee, B., Glover, F., & Kochenberger, G. (1998). A New Evolutionary Heuristic Approach to the Quadratic Optimization Problem: A case Study of the Scatter Search. INFORMS,

Seattle, Washington.

Kochenberger, G., Alidaee, B., & Amini, M. M. (1998). Applying Scatter Search and tabu Search to Quadratic Binary Programs. INFORMS, Montreal, Canada.

Kochenberger, G., Alidaee, B., & Amini, M. M. (1998). A New Scatter Search (Evolutionary) Method for the Zero-One Quadratic Problem. INFORMS, Monterey, California.

Alidaee, B., Amini, M., & Kochenberger, G. (1997). Applications of Unconstraint Binary Quadratic Program. International Conference on Metaheuristics, Unknown, France.

Amini, M. M., Alidaee, B., & Racer, M. (1997, October). Alternative Meta-heuristic Approaches for the Multi-resource Generalized Assignment Problem. INFORMS, Dallas, Texas.

Naidu, J., Alidaee, B., & Gillenwater, E. (1997, October). Heuristic Approaches to Minimize Tardiness Problems on Single Machine with Sequence Dependent Set-up Times. INFORMS, Dallas, Texas.

Hwang, C. P., Alidaee, B., & Johnson, J. (1996, October). Applications of the Intelligent Multi-stage System in the Traveling Salesman Problem. INFORMS, Atlanta, Georgia.

Naidu, J. & Alidaee, B. (1996, October). MDD and Decomposition Rules for the Total Tardiness Scheduling Problem. INFORMS, Atlanta, Georgia.

Alidaee, B. (1995, October). Experimental Design for Combinatorial Optimization Problems. INFORMS, New Orleans, Louisiana.

Alidaee, B. (1990, June). Single Machine Scheduling to Minimize Total Cost with Nonlinear Cost Functions. IFORS, Athens, Greece.

National

Kochenberger, G., Glover, F., Alidaee, B., & Wang, H. (2005, February). Improved Clustering of Microarray Data for Genomics. Conference on Systems Analysis, Data Mining and Optimization in Biomedicine, Unknown, Unknown.

Wang, H., Alidaee, B., & Kochenberger, G. (2004). Enhanced Clustering Method for Predicting Outcome of Healthcare and Genomic Data. American Association of Advancing Science, Seattle, Washington.

Wang, H., Alidaee, B., Kochenberger, G., & Glover, F. (2004, November). Tabu Search Approach to Scale-free Network. Decision Sciences Institute Meeting, Boston, Massachusetts.

Xu, Y., Wang, H., Alidaee, B., & Kochenberger, G. (2004, November). Performance Evaluation of Local Search Heuristic Algorithms for Large Unconstrained Binary Quadratic Programming Problem. Decision Sciences Institute Meeting, Boston, Massachusetts.

Pearson, K., Alidaee, B., & Rego, C. (2002, June). Using Quality Function Deployment in NAVY Manpower Planning: A Supply Chain Management Approach. Military Personnel Research Conference, Memphis, Tennessee.

Kethley, B., Alidaee, B., & Gillenwater, E. (1997, November). Signal Machine Scheduling to Minimize Total Weighted Late Work: A Comparison of Traditional Scheduling Rules and the Genetic Algorithm using Taguchi Loss Functions. Decision Sciences Institute Meeting, San Diego, California.

Landram, F., Alidaee, B., Shah, V., & Cook, J. (1997, November). Projected Measures for

Spreadsheet Regression. Decision Sciences Institute Meeting, San Diego, California.

Landram, F., Alidaee, B., & Shah, V. (1996, November). Testing R2: Confusion or Enlightenment. Decision Sciences Institute Meeting, Orlando, Florida.

Alidaee, B. (1994, November). A Heuristic Algorithm for Minimizing Makespan for Deteriorating Jobs on a Single Machine Scheduling. Decision Sciences Institute Meeting, Honolulu, Hawaii.

Alidaee, B. (1994, October). A Modified Due Date Algorithm for Weighted Tardiness Scheduling Problem with m machines. ORSA/TIMS Meeting, Detroit, Michigan.

Alidaee, B. & Combs, R. (1993, November). An Algorithmic Note for a Class of Single Machine Scheduling. Decision Sciences Institute Meeting, Washington, District of Columbia.

Alidaee, B. (1993, October). A Computational Experiment of COVERT_AU Class of Rules for Single Machine Tardiness Scheduling. ORSA/TIMS Meeting, Phoenix, Arizona.

Alidaee, B. (1992, November). Due Date Assignment and Job Scheduling on Parallel Machines. Decision Sciences Institute Meeting, San Francisco, California.

Alidaee, B. (1992, November). Scheduling Deteriorating Jobs on Single Machine. ORSA/TIMS Meeting, San Francisco, California.

Alidaee, B. & Chou, D. (1991, November). Minimizing a Bicriterion Scheduling Problem Involving Flow Time and Range of Lateness. Decision Sciences Institute Meeting, Miami Beach, Florida.

Alidaee, B. (1991, October). Maximum Cut Set Formulation of Two Scheduling Problems. ORSA/TIMS Meeting, Anaheim, California.

Alidaee, B. (1990, November). An Efficient Algorithm for Minimizing Mean Squared Deviations from a Common Due Date in Single Machine Scheduling. Decision Sciences Institute Meeting, San Diego, California.

Alidaee, B. & Chou, D. (1990, November). Simple Algorithm to Minimize Early/Tardy Problem in Single Machine Shop. Decision Sciences Institute Meeting, San Diego, California.

Alidaee, B. & Chou, D. (1990, October). Optimal Assignment of NOP Due Date and Sequencing in a Single Machine Shop. ORSA/TIMS Meeting, Philadelphia, Pennsylvania.

Alidaee, B. (1990, March). Minimizing Weighted Absolute Deviation in a Single Machine Scheduling. Decision Sciences Institute Meeting, Dallas, Texas.

Alidaee, B. (1990, March). Single Machine Scheduling to Minimize Variance. ORSA/TIMS Meeting, Las Vegas, Nevada.

Chou, D. & Alidaee, B. (1990, October). An Intelligent Decision Support System for Economic Development Planning Simple Algorithm to Minimize Early/Tardy Problem in Single Machine. ORSA/TIMS Meeting, Philadelphia, Pennsylvania.

Alidaee, B. (1989). A New Class of Sequencing Games. ORSA/TIMS Meeting, New York, New York.

Alidaee, B. (1989, November). Scheduling of n Jobs with a Single Machine to Minimize Total Cost when the Cost Functions are a Polynomial of Degree m . Decision Sciences Institute Meeting, New Orleans, Louisiana.

Regional

Alidaee, B. (1989). Scheduling of n Jobs on a Single Machine Where each Job has a Differentiable Cost Function. Mountain Plain Management Association, Pueblo, Colorado.

Alidaee, B. (1989). A Class of Sequencing Games. Mountain Plain Management Association, Pueblo, Colorado.

Alidaee, B. (1987). An A-Extension of Sequencing Games. OMEGA/RHO Seminar Series, Dallas/Fort Worth Chapter, Texas.

Presentation of Non-Refereed Papers

International

Alidaee, B. & Wang, H. (2009). A Unified View of Parallel Machine Scheduling with Interdependent Processing Rates. Special Conference On Methods and Applications of Metaheuristics, Guangzhou, China-PRC.

Alidaee, B., Wang, H., Kethley, B., & Landram, F. (2008, November). A Unified View of Parallel Machine Scheduling with Interdependent Processing Rates. INFORMS, Washington, DC., District of Columbia.

Alidaee, B., Wang, H., & Altinakar, M. (2007). Integer Programming Formulation for Graph and Network Optimization Problems. INFORMS International Conference, Seattle, Washington.

Alidaee, B., Liu, W., & Wilkins, D. (2005, December). Multi-exchange neighborhood search strategies for pseudo-Boolean optimization. Twelfth Annual International Conference on Statistics, Combinatorics, Mathematics and Applications, Auburn, Alabama.

Alidaee, B., Kochenberger, G., & Wang, H. (2005, October). Attractive Nonlinear Models for Clustering and Other Combinatorial Problems. INFORMS, San Francisco, California.

Liu, W., Alidaee, B., & Wilkins, D. (2005, December). Multi-exchange neighborhood search strategies for protein side chain positioning. Twelfth Annual International Conference on Statistics, Combinatorics, Mathematics and Applications, Auburn, Alabama.

Liu, W., Alidaee, B., & Wilkins, D. (2005, October). Tabu Search with New Hybrid Local Search for UQBP Problems. INFORMS, San Francisco, California.

Research Grants

Funded

2006: Altinakar, M., Ying, X., Vieira, D., Wang, S., Alidaee, B., Weiming Wu, Yan Ding, Yaoxin Zhang, Hoghai Qi,, Simulation-Based Decision Support System for Water Infrastructural Security (DSS-WISE) (\$903,100.00), Title: Simulation-Based Decision Support System for Water Infrastructural Security (DSS-WISE)

Water infrastructures such as dams, levees, water control structures, etc. are critical infrastructures whose incapacitation/destruction may have a serious negative impact on our nations security. Catastrophic floods resulting from the failure of water infrastructures or the extreme hydro-meteorological events can paralyze the economy and social life of large populations for rather long periods of time due to likely cascading failures/incapacitation provoked in other critical infrastructures, businesses, agriculture, food production, and health

systems. The level of flood hazard does not depend solely on exposure to flood waters, but also on various technical and socio-economic factors such as population at risk, the awareness, presence and degree of protection measures, early warning systems, etc. Efficient and reliable protection measures, early warning systems, emergency response and recovery plans that are needed to protect populations and properties during such events are complex engineered systems. Their optimal design can only be achieved by studying their performance under all possible operating conditions. In this respect, numerical models can play a unique role by aiding the decision maker to visualize and quantify the performance of engineering solutions and emergency plans., GOV-National Science Foundation (NSF).

2005: Alidaee, B. & Lewis, M., Develop new technology to solve the integer programming problem and advance current methods for solving difficult optimization problems associated with (\$95,403.00), ONR/NSF.

2005: Wilkins, D., Alidaee, B., & Mathur, S., Bioinformatics development (\$20,000.00), Office of Research .

2005: Bahram, A., 1995-2005, 10 grants totaling \$95,000 (\$95,000.00), University of Mississippi and Hearin Center for Enterprise Science.

2005: Bahram, A., Generalized Contact Map Graph Problems (GCMGP): Mathematical Programming Approaches and Algorithms.' \$10,000, Summer 2005 (\$10,000.00), Hearin Faculty Research Support , School of Business Administration.

2005: Aliadee, B., Co-principal Investigator for 7 major grants (\$2,990,523.00), 1998-2005 , Office of Naval Research.

2004: Bahram, A., Generalized Graph Coloring Problems: Mathematical Programming Approaches and Algorithms.' \$10,000, Summer 2004. The work on this research has been very productive and will be published in several journals (\$10,000.00), Hearin Faculty Research Support , School of Business Administration.

Not Funded

2005: Alidaee, B. & Lewis, K., Exploration of Large Neighborhood Structure for Very-Large-Scale Image Segmentation Problem, NSF.

Pending

2006: Wang, H. & Alidaee, B., Collaborative group for complex system research, The proposal is submitted in response to the Partnerships for Innovation Program Solicitation (NSF06550). The proposed Partnership for Innovation is collaboration among Texas A&M International University (TAMIU) as lead institution, Daniel B. Hastings Inc., Hearin Center for Enterprise Science at University of Mississippi, Wells Fargo Bank and Laredo Development Foundation. The proposed initiative aims at: 1) promoting the transformation of knowledge created by the collaborative partners; 2) creating new models and methodologies of organizing, managing and providing infrastructure for innovation; and 3) strengthening the interconnectedness and support among the business community in the South-Texas through networking and mentorship program. These objectives will be achieved by: 1) development of analytical group decision-making tools that will enable the collaborative partners to evaluate and identify managerial problems; 2) establishment of educational and training capability for practitioners, academics and students on

using innovated technology and software to solve logistics and operation problems. Intellectual Merit: The initiative will create an interdisciplinary research environment by identifying researchers with complementary interests and strength to create synergies for the purpose of collaborating to deal with complex system problems existing within the private/public partners. A collaborative group decision-making framework incorporating advanced Multiple Criteria Decision Making model will be developed and implemented. This framework will provide finite sets of alternatives according to multiple criteria in complex system problems. The initiative will provide an interactive and flexible environment for the private/public partners to solve complex system problem systematically. Experience and connection with businesses will be beneficial to the research group and the partner institutions for future contacts. A study of the business partners operations will be conducted to identify opportunities for improving efficiency through the use of information technology and decision support system. Potential Economic Impact: First, the outcome of this initiative will provide an advanced multiple criteria decision making tool/application to the private/public partners, which has the potential to improve efficiency and effectiveness on solving complex system problems. The improvement of capability on solving complex and time-consuming problems can lead to a potential impact to regional economic. Second, Education and inclusion of students will be at the heart of the proposed initiative. The initiative will provide training/consulting services to the partners in the private/public sector to improve their business competitiveness and operational efficiency, which lead to an impact to regional economy. Students at TAMIU will supplement their classroom education with experiences in the business and entrepreneurial settings and become high quality workforce with technology and team skills. The skillful workforce will have a broader impact on the regional economy. , GOV-National Science Foundation (NSF).

2005: Alidaee, B., Multi-Exchange Search Strategy for Very-Large-Scale Pseudo-Boolean Optimization, NSF.

Research Reports

2006: Alidaee, B. & Lewis, M., Develop new technology to solve the integer programming problem and advance current methods for solving difficult optimization problems associated with, submitted to .

Research Honors and Awards

Award

2006: Outstanding Senior Researcher of the Year 2006 School of Business, University of Mississippi.

2004: Who's Who in Business Higher Education Academic Keys.

2004: Who's Who in American Education Marquis Who's Who.

2003: Outstanding Senior Researcher of the Year School of Business Administration, the University of Mississippi.

2000: Who's Who in Science in America Marquis Millennium Edition.

1997: Researcher of the Year School of Business Administration, the University of Mississippi.

1995: First Research Excellence Award West Texas A & M University.

1992: First Research Excellence Award West Texas A & M University.

1987: Best Student Research Paper Award OMEGA/RHO, Dallas/Fort Worth Chapter.

Other Research Activities

2005: Other Research Activities. Analyzing of computer game for Gold Strike Casino, with the assistance of graduate student, Hongman Gao.

2004: Other Research Activities. A research project for Ashley Furniture, on time study of furniture lines. Hongman Gao, a Ph.D. student in POM, assisted with this project.

2004: Other Research Activities. Fly and Spider,' a project for Gold Strike casino. With the assistance of graduate student, Colin Osterman, wrote a program to analyze computer program.

Service:

Service to the University

Department Assignments

Chair:

2006-2007: Committee Chair, Dissertation Operations Management: Chair of Ph.D. Committee for Mr. Hongman Gao. He defended the proposal.

2006-2007: Committee Chair Dissertation in Operations Management: Chair of Taner Pirim was the Ph.D. student who finished his degree.

2004-2005: MIS/POM Department, Faculty Search Committee: University of Mississippi, School of Business Administration

College Assignments

Chair:

2010-2011: Clinical Asst. Prof. of Operation Management Search

2008-2009: Clinical Asst Professor of POM Search

Member:

2009-2010 – 2011-2012: Strategic Planning Committee

2007-2008: Finance Faculty Search Committee II

2007-2008: Tenure and Promotion Committee

2007-2008 – 2011-2012: MBA Committee

2006-2007: Member of TP Committee at the College

2006-2007: Clinical Asst Prof of Finance Search

2005-2006: MIS Search Committee

2005-2006: Clinical Finance Search Committee

2005-2006: Finance Search Committee

2004-2005: MBA Committee

2004-2005: University of Mississippi, Faculty Senate: Served two terms.

1997-1998 – 2004-2005: School of Business Administration, MBA Committee: University of Mississippi

University Assignments

Faculty Advisor:

2002-2003 – 2004-2005: APICS Gum Tree Chapter-University of Mississippi: Served on board and advised students. Encouraged student involvement in chapter. Wrote mission statement and the strategic plan for the chapter.

Member:

2011-2012: Non-Resident Admissions Committee

2006-2007: Member of Committee for evaluating research Grant Proposals

2006-2007: Committee member, Dissertation in Mathematics

2006-2007: Committee member, Dissertation in Hydraulic Engineering

2005-2006: Committee member, Dissertation in Telecommunication Engineering

2005-2006 – 2006-2007: Committee member, Dissertation in Telecommunication Engineering

2004-2005: University of Mississippi, Academic Task Force

2004-2005: University of Mississippi, School of Business Administration, Dean Search Committee: We successfully finished the search and recommended Dean Reithel to become the permanent dean.

2003-2004 – 2004-2005: University of Mississippi, Faculty Senate

Other Institutional Service Activities:

2004-2005: University of Mississippi: Co-founder and member of Bioinformatics Group

Dissertation Assignments

Chair:

2004-2005: Lutfu Sagbansua: 'Algorithms For Very Large Scale Multi-Resource Generalized Assignment Problems.'

2003-2004: Haibo Wang: 'New Model and Solution Methodology for Clique Partitioning Problem and Application.'

1998-1999: Weiqi Li: 'Dynamics of Heuristic Search Systems for Combinatorial Optimization Problem: The Traveling Salesman Problem Case.'

1997-1998: Brian Kethley: 'Single and Multiple Machine Scheduling to Minimize Total Weighted Late Work: An Empirical Comparison of Scheduling Rules, Algorithms, and Meta-Heuristics Using Teguchi Loss Functions.'

1996-1997: Chen-Pei (James) Hwang: 'Global and Local Search Heuristics for the Symmetric Traveling Salesman Problem.'

Member:

2004-2005: Robert Page--Mathematics

2004-2005: Bennie Waller: 'Decision Support Systems: Agent Based or Query Based For Better Decision Making.'

2003-2004: P. Kanok--Civil Engineering

2003-2004: Bart Garner: 'Improving Document Classification Using Minimum Clique Partition of a Semantic Network and Solved Using Fast Heuristic Methods.'

2002-2003: Duan Qiang--Engineering Science: 'Traffic control for quality of service provision in buffered crossbar switches.'

2002-2003: Yangil Park: 'An Empirical Evaluation of the Factors that Impact Perceived Web Usability and User Performance.'

2002-2003: Tabitha James: 'Impact of Shared Memory Memory and Distributed Memory Platforms on the Design and Performance of Parallel Evolutionary Algorithms.'

2001-2002: Xiaotong Li: 'The Optimal Timing for Brokerages to Go Wireless--A Real Options Approach.'

1999-2000: Zachary Wong: 'Assessing Facilitator Effects on Group Decision Support System Meetings: Human Versus Automated.'

1998-1999: Jaideep T. Naidu: 'Single machine scheduling to minimize total tardiness: new heuristics and empirical comparisons to existing heuristics.'

1998-1999: Queen Booker: 'Forecasting Swiss Franc/Dollar Exchange Rates: Comparing Collapsible Neural Networks to Recent Non-Parametric Methods and Traditional Methods.'

1996-1997: Randy Sexton: 'Beyond Back Propagation: A Monte Carlo Comparison of Global Search Alternatives for Neural Network Optimization of Continuous Forms.'

Service to the Profession**Advisor**

2006: McGraw Hill Workshop on Trends in Operations Management, A 2-day symposium, March 2006, discussing issues related to trend on Operations and Supply Chain Management in US. and the world. In this symposium, 20 POM professors from different universities will attended., Chicago, Illinois (National).

2005: McGraw-Hill Publishing , A 4-day symposium, Feb. 2005, discussing issues related to trend on Operations and Supply Chain Management in US. and the world. In this symposium, 20 POM professors from different universities (including Penn State, Indiana U, Miami U, Marquette, Utah State and etc.) attended (during the same time similar symposium for accounting, finance and human resources were organized by the company). Expense for the whole trip was paid by the publishing company., San Diego, California (National).

Editor: Associate Editor

2007: International Journal of Service Sciences, On the Editorial Board of the journal (International).

2000 – 2002: Computers & Operations Research (National).

Editor: Guest Editor of Journal

2007: International Journal of Service Sciences, Guest Editor for a special issue on Emergency, and Disasters Operations Management. (International).

Reviewer: Ad Hoc Reviewer for a Journal

2006: Ad Hoc reviewer for Journals, Ad hoc reviewer for about 30 professional journals, including European Journal of operational research, journal of operational research society, information processing letters, applied mathematical letters, mathematical and computation, Computers and operations research, and several other journals. Transportation Science, Discrete Applied Mathematics (International).

2006: Ad Hoc reviewer for Journals, Ad hoc reviewer for about 25 professional journals, including European Journal of operational research, journal of operational research society, information processing letters, applied mathematical letters, mathematical and computation, Computers and operations research, and several other journals. (International).

2004: Information Processing Letters (International).

2004: Applied Mathematics Letters (National).

2004: Computers & Mathematical Modeling (National).

2004: Discrete Applied Mathematics (National).

2004: Naval Research Logistics (National).

2004: OMEGA (National).

2004: Computers and Operational Research (National).

2004: IIE Transactions (National).

2004: Journal of Heuristics (National).

2004: European Journal of Operational Research (International).

2004: Journal of Operational Research Society (National).

2004: Operations Research (National).

2004: INFORMS Journal on Computing (National).

2004: Management Science (National).

Service to the Community

Board-Member

2006: Mississippi Blood Services, member of Advising Board for MBS

Other Community Service Activities

2007: Cover Story) Interview with South Central Construction Magazine, (Cover Story) The magazine interviewed me for professional opinion on construction development in Mississippi.

2006: Organized 3 MBA Teams to work on 3 Operations Management Problem in Mississippi Blood Services in Ja, With the help of Dean Reithel, I invited CEO of Mississippi Blood Services to my MBA class. After his presentation, 3 Teams of students were organized to work on several

operational problems. They finished the project and presented to MBS staff in Jackson as well as to the class.

2006: Organized 3 groups of MBA Teams to work on 3 Operations Management Problems in Baptist Hos, With the help of Dean Reithel, I invited CEO of Baptist Hospital in Oxford to my MBA class. He presented several real operational problems at the hospital. Three teams of MBA students were organized and after a field study came up with solutions. They presented the solution to the hospital as well as to the class.

2006: (Cover Story) Interview with South Central Construction Magazine, (Cover Story) The magazine interviewed me for professional opinion on construction development in Mississippi.

2005: Interview with South Central Construction Magazine (Cover Story), (Cover Story) The magazine interviewed me for professional opinion on construction development in Mississippi.

Other

Faculty Development

Research-Related Conference/Seminar

2007: Several Workshops on Teaching of Supply Chain Management. San Antonio, Texas.

Professional Seminars / Workshops

2007: Monthly meeting of Institute of Supply Chain Management. Memphis, Tennessee.

2007: Monthly meeting of Institute of Supply Chain Management. Memphis, Tennessee.

2007: Monthly meeting of Institute of Supply Chain Management. Memphis, Tennessee.

2007: Monthly meeting of Institute of Supply Chain Management. Memphis, Tennessee.

2006: Tools for Negotiation from Institute of Supply Chain Management. Memphis, Tennessee.

2006: Several Workshops on Teaching of Operations Management/Decision Sciences. San Antonio, Texas.

2005: Attended a workshop to learn new advancements in the field of Bioinformatics. Fourth IEEE International Workshop on High Performance Computational Biology. Denver, Colorado.

2005: Attended several workshops and talks on teaching of Operations Management and Management Science during INFORMS Conference. San Francisco, California.

2003: Introduction to Arcview GIS. Oxford, Mississippi.

Technology-Related Training

2005: Making Sense of DNA and Protein Sequencing. Oxford, United States of America.

Memberships

APICS

DSI

ICS

IEEE Computing

INFORMS

ISM

POMS

Other Activities

2005 - Invited Presentation : Alidaee, B., G. Kochenberger, & H. Wang, 'Multi-Exchange (r-flip) Neighborhood Structure for Pseudo-Boolean Optimization applied to QFD,' presented at Tsinghua University.

2005 - Invited Presentation : Alidaee, B., G. Kochenberger, & H. Wang, 'A Unified Modeling and Solution Framework for Combinatorial Optimization Problems,' presented at Tsinghua University.

2005 - Invited Presentation : Alidaee, B., G. Kochenberger, & H. Wang, 'A Unified Modeling and Solution Framework for Combinatorial Optimization Problems,' presented at Chinese Academy of Sciences, School of Management and Policy.

2005 - Invited Presentation : Alidaee, B., G. Kochenberger, & H. Wang, 'A Unified Modeling and Solution Framework for Combinatorial Optimization Problems,' presented at Chinese Academy of Sciences, Meta-synthesis group.

2005 - Invited Presentation : Alidaee, B., G. Kochenberger, & H. Wang, 'A Unified Modeling and Solution Framework for Combinatorial Optimization Problems,' presented at (Lingnan College) Sun Yat-Sen Technology.

2005 - Invited Presentation : Alidaee, B., G. Kochenberger, & H. Wang, 'Multi-Exchange (r-flip) Neighborhood Structure for Pseudo-Boolean Optimization applied to QFD,' presented at (Lingnan College) Sun Yat-Sen Technology.

2005 - Invited Presentation : Alidaee, B., G. Kochenberger, & H. Wang, 'A Unified Modeling and Solution Framework for Combinatorial Optimization Problems,' presented at South China University of Technology.

2005 - Invited Presentation : Alidaee, B., G. Kochenberger, & H. Wang, 'Multi-Exchange (r-flip) Neighborhood Structure for Pseudo-Boolean Optimization applied to QFD,' invited presentation at South China University of Technology.

2005 - Professional Media Appearances : I was interviewed by South Central Contractor magazine, an online magazine by McGraw Hill Publishing, regarding Market Outlook for Construction Economy in Mississippi. The article came out on January 2005 issue. Another interview was done recently by the same magazine, however, the article will come out sometimes in summer.

2004 - Invited Presentation : Alidaee, B Multi-Exchange (r-flip) Neighborhood Structure for Pseudo-Boolean Optimization,' Center for Hydraulic Engineering, University of Mississippi, October 2004.

2004 - Invited Presentation : Alidaee, B, H. Wang, G. Kochenberger, K. Lewis and M. Lewis Multi-Exchange (r-flip) Neighborhood Structure for Pseudo-Boolean Optimization,' invited presentation at Army Engineering Research and Development Center (ERDC), August 16-17, Vicksburg, MS.

2004 - Invited Presentation : Wang, H., B. Alidaee, M. Lewis, K. Lewis and Bart Garner, 'Maximize Business Potential Using Mathematical Programming,' Mississippi IP and Technology Expo for Venture Capital Investment, September 17-18, Jackson, MS.

2004 - Invited Presentation : Wang, H., B. Alidaee and G.A. Kochenberger, 'A New Methodology for Clustering Genomic and Healthcare Data', MAS held Biloxi, MS on Feb 21, 2004.

2004 - Invited Presentation : Wang, H., B. Alidaee, G. Kochenberger, F. Glover, 'Solving Clique Partitioning Problems via Unconstrained Quadratic Programming', invited presentation at Army Engineering Research and Development Center (ERDC), August 16-17, Vicksburg, MS.

2003 - Invited Presentation : Alidaee, B., 'An Expanded OFD Model for Complex Planning with Application to Manpower Planning,' NPRST and University of Mississippi, held in June at the University of Mississippi.

References

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