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# Milam Aiken, Ph.D.

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## Chair of the Department of Management Information Systems Professor of Management Information Systems

### Academic Background

Ph.D. University of Arizona, Tucson, AZ, Management Information Systems, 1991

B.S. State University of New York, Albany, NY, Business, 1987

M.B.A. University of Oklahoma, Norman, OK, Finance and Management Information Systems, 1986

B.A. State University of New York, Albany, NY, Computer Science, 1982

B.S. University of Oklahoma, Norman, OK, Engineering with high distinction, 1980

### Academic Experience

Professor, MIS Dept., University of Mississippi, School of Business Administration (2005 - Present), University, Mississippi.

Chair of MIS Dept., University of Mississippi, School of Business Administration (2005 - Present), University, Mississippi.

Interim Chair, MIS/POM Department, University of Mississippi, School of Business Administration (2003 - 2005), University, Mississippi.

Associate Professor, MIS/POM Department, University of Mississippi, School of Business Administration (1997 - 2005), University, Mississippi.

Assistant Professor, MIS/POM Department, University of Mississippi, School of Business Administration (1991 - 1997), University, Mississippi.

Research Associate, MIS Department, University of Arizona (1988 - 1991), Tucson, Arizona.

Teaching Associate, MIS Department, University of Arizona (1987 - 1988), Tuscon, Arizona.

### Consulting

2007: Roseburg Forest Products, Particle Board Inventory System, Developed VBA-based spreadsheet for maintaining particle board inventory.

2005: Perceptronics, Tactical Group Decision Analysis System, paid \$200 for consulting on NSF grant Tactical Group Decision Analysis System. Awarded \$4 million

2004: Perceptronics Solutions, Tactical Group Decision Analysis System (TGDAS), Consulted on multi-million dollar DARPA grant: Paid. Time involved (3%). Nature of work: discussed over the phone and through email project requirements. Reviewed drafts of proposal. Submitted documents describing potential integration of intelligent agents into system.

### Refereed Articles

- Aiken, M. & Garner, B. (2017). Automatic Detection of Irrelevant Comments in an Electronic Meeting. *International Journal of Management and Information Technology*, 12 (1), 3123-3127.
- Garner, B. & Aiken, M. (2016). An Analysis of Comment-Revision Thresholds in Bilingual Electronic Meetings. *International Journal of Computers and Technology*, 15 (10), 7175-7181.
- Vanjani, M., Aiken, M., & Park, M. (2015). A Study of Factors Influencing Machine Translation Comprehension. *Quarterly Review of Business Disciplines*, 2 (2), 121-132.
- Aiken, M., Wang, J., Gu, L., & Vanjani, M. (2015). Usefulness and Usability of Mobile Devices in Chinese-English Electronic Meetings. *Issues in Information Systems*, 16 (2), 217-225.
- Aiken, M., Posey, J. H., Garner, B., & Reithel, B. (2015). Predicting Machine Translation Comprehension with a Neural Network. *International Journal of Computers and Technology*, 15 (2), 6546-6554.
- Posey, J. & Aiken, M. (2015). Large-scale, Distributed, Multilingual, Electronic Meetings: A Pilot Study of Usability and Comprehension. *International Journal of Computers and Technology*, 14 (3), 5578-5585.
- Aiken, M., Posey, J., & Reithel, B. (2015). Comment Evaluation and Revision in a Bilingual Electronic Meeting. *International Journal of Management and Information Technology*, 10 (7), 2311-2317.
- Ghosh, K. & Aiken, M. (2013). An Empirical Investigation of Two Group Idea Generation Techniques: Manual versus Electronic Gallery Writing. *International Journal of e-Collaboration*, 9 (2), 61-77.
- Aiken, M., Wang, J., & Gu, L. (2013). Task Knowledge and Task-Technology Fit in a Virtual Team. *International Journal of Management*, 30 (1), 3-11.
- Aiken, M., Wang, J., Gu, L., & Vanjani, M. (2013). Topic Effects on Multilingual Electronic Meeting Comprehension. *Issues in Information Systems*, 14 (1), 269-277.
- Aiken, M., Park, M., & Lindblom, T. (2013). Language Fluency as a Factor in Machine Translation Comprehension. *International Journal of Computers and Technology*, 10 (2), 1349-1355.
- Aiken, M. & Hazarika, B. (2012). Evaluation and Revision of Translation-mediated Communication in a Multilingual Electronic Meeting. *International Journal of Business and Systems Research*, 6 (4), 379-394.
- Aiken, M., Park, M., & Garner, B. (2012). Translation of Relevant and Irrelevant Multilingual Group Support System Comments. *International Journal of Intercultural Information Management*, 3 (1), 45-58.
- Williams, K., Aiken, M., & Pepper, W. (2012). Multilingual Electronic Meetings and the Time Value of Accurate Translations. *Business Research Yearbook*, 19 (1), 158-165.
- Aiken, M., Wang, J., Gu, L., & Paolillo, J. (2011). An Exploratory Study of how Technology Supports Communication in Multilingual Groups. *International Journal of e-Collaboration*, 7 (1), 17-29.
- Gu, L., Aiken, M., Wang, J., & Wibowo, K. (2011). The influence of information control upon on-line shopping behavior. *International Journal of Technology and Human Interaction*, 7 (1), 56-66.
- Aiken, M., Park, M., Lindblom, T., & Wee, J. (2011). Multilingual Group Support System Comprehension Sufficiency. *International Journal of Information and Operations Management Education*, 4 (2), 146-162.
- Park, M. & Aiken, M. (2011). The Temporal Dimension of Electronic Meetings: A Study of Synchronous and Asynchronous Idea Generation. *Journal of International Technology and Information Management*, 20 (1).
- Pumphrey, D., Aiken, M., & Vanjani, M. (2011). A Research Model for Multilingual Electronic Meeting Systems. *Business Research Yearbook*, 18 (1), 110-115.
- Aiken, M., Wee, J., & Vanjani, M. (2011). A Web-based Multilingual Meeting System: Breaking the Language Barrier. *Business Research Yearbook*, 18 (1), 71-76.
- Balan, S., Aiken, M., & Hazarika, B. (2011). Exploring the Feasibility of Mobile Multilingual Electronic Meetings. *Issues in Information Systems*, 12 (1), 16-22.
- Pepper, W., Aiken, M., & Garner, B. (2011). Usefulness and Usability of a Multilingual Electronic Meeting

- System. *Global Journal of Computer Science and Technology*, 11 (10), 35-40.
- Seay, R., Aiken, M., & Vanjani, M. (2011). An Analysis of the Contributors to Timely Completion of the Accounting Ph.D. *Southwestern Business Administration Journal*, 11 (1), 30-52.
- Aiken, M., Balan, S., Vanjani, M., & Garner, B. (2011). The Effect of Comment Errors in Multilingual Electronic Meetings. *Communications of the International Information Management Association*, 10 (4), 49-60.
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- Aiken, M., Park, M., & Lindblom, T. (2010). Integrating Machine Translation with Group Support Systems. *International Journal of Business and Management*, 5 (5), 25-35.
- Park, M., Aiken, M., & Ghosh, K. (2010). A study of factors affecting electronic meeting participation. *International Journal of Business and Systems Research*, 4 (3), 264-277.
- Aiken, M. & Simmons, L. (2010). Automatic Transcription of Spoken English to German and Spanish Text. *Business Research Yearbook*, 17 (1), 106-111.
- Simmons, L. & Aiken, M. (2010). Group Support System Meeting Termination: Allowing Participants to Vote. *Business Research Yearbook*, 17 (1), 94-99.
- Aiken, M., Simmons, L., & Balan, S. (2010). Automatic Interpretation of English Speech. *Issues in Information Systems*, 11 (1), 129-133.
- Park, M., Aiken, M., Lindblom, T., & Vanjani, M. (2010). Spelling and Grammatical Errors in Electronic Meetings. *Issues in Information Systems*, 11 (1), 384-391.
- Aiken, M., Ghosh, K., Wee, J., & Vanjani, M. (2009). An Evaluation of the Accuracy of Online Translation Systems. *Communications of the International Information Management Association*, 9 (4), 67-84.
- Lindblom, T., Aiken, M., & Vanjani, M. (2009). Electronic Facilitation of Large Meetings. *Communications of the International Information Management Association*, 9 (3), 23-39.
- Aiken, M. & Park, M. (2009). Enhancing Bilingual Electronic Group Meeting Comprehension with Round-trip Translations. *International Journal of Information Systems and Change Management*, 4 (2), 103-116.
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- Aiken, M. (2009). Transterpreting Multilingual Electronic Meetings. *International Journal of Management and Information Systems*, 13 (1), 35-46.
- Aiken, M. & Ghosh, K. (2009). Automatic Translation in Multilingual Business Meetings. *Industrial Management and Data Systems*, 109 (7), 916-925.
- Aiken, M. & Vanjani, M. (2009). Polyglot: A multilingual group support system. *Issues in Information Systems*, 10 (2), 101-106.
- Aiken, M., Gu, L., Wang, J., & Vanjani, M. (2008). Topic Influences on Electronic Meeting Relevant Comments. *Issues in Information Systems*, 9 (2), 300-304.
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- Aiken, M. (1997). Book Review: Programming in Visual Basic Version 4.0 . *Journal of End User Computing, 9* (1), 38.
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- Aiken, M. (1997). Artificial Neural Systems as a Research Paradigm for the Study of Group Decision Support Systems. *Group Decision and Negotiations, 6* (4), 373-382.
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- Aiken, M., Ulrich, M., & Singleton, T. (1997). A Bilingual Group Decision Support System. *International Journal of Intelligent Systems in Accounting, Finance & Management (6), 279-285.*
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- Aiken, M. & Vanjani, M. (1996). Idea Generation with Electronic Poolwriting and Gallery Writing. *International Journal of Information and Management Sciences, 7* (2), 1-9.
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- Aiken, M. (1992). Using a Group Decision Support System as an Instructional Aid: An Exploratory Study. *International Journal of Instructional Media*, 19 (4), 7-14.
- Aiken, M. (1992). Using a Group Decision Support System as a Teaching Tool. *Journal of Computer-Based Instruction*, 19 (3).
- Aiken, M., Liu Sheng, O., & Vogel, D. (1991). Integrating Expert Systems with Group Decision Support Systems. *ACM Transactions on Information Systems*, 9 (1), 75-95.
- Aiken, M. & Liu Sheng, O. (1991). Using Artificial Intelligence Based System Simulation in the Design of a Group Decision Support System Idea Generation Tool. *Information & Management*, 21 (5), 279-289.
- Aiken, M. & Hayes, G. (1990). A DEVS-Scheme Simulation of an Electronic Meeting System. *ACM Simulation Digest*, 20 (2), 31-39.
- Aiken, M. (1990). Using Artificial Intelligence Based System Simulation in Software Reusability. *ACM Software Engineering Notes*, 15 (5), 23-27.

## **Non-Refereed Articles**

- Aiken, M. & Balan, S. (2011). An Analysis of Google Translate Accuracy. *Translation Journal*, 16 (2).
- Aiken, M., Park, M., & Balan, S. (2010). A Prototype System For Machine Interpretation. *Translation Journal*, 14 (3).
- Aiken, M. & Park, M. (2010). The Efficacy of Round-trip Translation for MT Evaluation. *Translation Journal*, 14 (1).
- Aiken, M., Park, M., Simmons, L., & Lindblom, T. (2009). Automatic Translation in Multilingual Electronic Meetings. *Translation Journal*, 13 (3).
- Aiken, M. (2002). Multilingual Communication in Electronic Meetings. *ACM SIGGROUP Bulletin*, 23 (1),

18-19.

Aiken, M. (1998). Neural Networks Improve Business Forecasting. *Mississippi Business Journal*, 20 (10), 34.

## Invited Articles/Reviews

Aiken, M., Vanjani, M., Govindarajulu, C., & Sexton, R. (1994). Forecasting Business Cycles with Neural Networks. *University of Mississippi Technical Bulletin*, 13 (3), 18-19.

Aiken, M., Hwang, C., & Govindarajulu, C. (1993). Distributed Processing Over a Local Area Network. *University of Mississippi Technical Bulletin*, 12 (6), 9-10.

Aiken, M. (1992). Book Review: BASIC Techniques and Utilities. *Journal of End User Computing*, 5 (1), 41.

Aiken, M. (1992). Book Review: IBM RISC System/6000: A Business Perspective. *Journal of End User Computing*, 4 (4), 43.

Aiken, M. & Ashqar, A. (1992). Software Review: EXSYS Professional. *Journal of Database Administration*, 4 (4), 42.

Aiken, M. (1992). School of Business Electronic Meeting System. *University of Mississippi Technical Bulletin*, 12 (1), 8-11.

Aiken, M. & Liu Sheng, O. (1990). Software Review: NEXPERT OBJECT. *Expert Systems*, 7 (1), 54-57.

## Book Chapters

### Refereed

Aiken, M., Gu, L., & Wang, J. (2009). Chapter 19 - Electronic Meeting Topic Effects. In Mehdi Khosrow-Pour (Ed.), *Best Practices and Conceptual Innovations in Information Resources Management: Utilizing Technologies to Enable Global Progressions* (pp. 315-327). Hershey, PA: IGI Global Books.

Aiken, M. (2007). Multilingual Collaboration in Electronic Meetings. In Ned Kock (Ed.), *Encyclopedia of E-Collaboration* (pp. 457-462). Hershey, PA: Idea Group Inc..

Aiken, M. (2007). Voice-based Group Support Systems. In Ned Kock (Ed.), *Encyclopedia of E-Collaboration* (pp. 706-711). Hershey, PA: Idea Group Inc..

## Refereed Proceedings

### Full Paper

Aiken, M., Lindblom, T., & Park, M. (2012). An Empirical Study of Multilingual Electronic Meetings using Smart Devices. *Decision Sciences Institute Conference*, 1021-1031.

Aiken, M., Park, M., & Lindblom, T. (2011). A Comparison of Oral and Electronic Bilingual Meetings. *Decision Sciences Institute Meeting*, Boston, MA November 19-22: , 951-956.

Aiken, M., Ghosh, K., & Balan, S. (2011). Automatic Translation of Multilingual Comments in Electronic Meetings. *Advances in Business Research*, 1 (1), 64-73.

Aiken, M. & Wong, Z. (2010). Automatic Translation of Asian Languages in Electronic Meetings. *International Conference of Pacific Rim Management*, Macau, China: , 24-34.

Aiken, M. & Vanjani, M. (2007). Central Asian Information Technology Development. *Southeast Decision Sciences Institute Meeting*, 275-283.

Aiken, M., Kim, S., & Wong, Z. (2006). The Effect of Time on Electronic Meetings. *Decision Sciences Institute Meeting*.

Aiken, M., Vanjani, M., & Wong, Z. (2006). Measuring the Accuracy of Spanish- to-English Translations.

*International Association for Computer Information Systems.*

Aiken, M. & Wong, Z. (2006). Spanish-to-English Translations: Accuracy Versus Understanding. *Western Decision Sciences Institute.*

Aiken, M. & Wong, Z. (2006). Characteristics and Models of Current MIS Faculty Salaries in the United States. *Southwest Decision Sciences Institute.*

Aiken, M. & Wong, Z. (2006). Spanish-to-English Translation Using the Web. *Southwest Decision Sciences Institute.*

Kim, D., Park, S., Kim, B., & Aiken, M. (2005). Influencing the Adoption of Groupware: A Study of Influence of Individual factor, Task-Related factors, Organizational Support, and Subject Norm: Towards an Understanding of Factors. *Decision Sciences Institute Meeting.*

Wong, Z. & Aiken, M. (2003). The Effects of Meeting Duration on Gender Groups in Computer-Mediated Discussions and Decision-Making. *Decision Sciences Institute Meeting.*

Wang, J., Reithel, B., & Aiken, M. (2003). IT and Organizational Improvement: The Case of GM. *Decision Sciences Institute Meeting.*

Aiken, M., Wang, W., & Vanjani, M. (2003). Automatic Comment Translation in a Chinese-English Electronic Meeting. *Decision Sciences Institute Meeting.*

Rebman, C., Aiken, M., & Cegielski, C. (2003). A Comparison of GSS Brainwriting Techniques. *Decision Sciences Institute Meeting.*

Aiken, M. & Vanjani, M. (2003). Comment Distribution in Electronic Poolwriting and Gallery Writing Meetings. *International Information Management Association.*

Aiken, M., Alonzo, M., & Vanjani, M. (2003). Electronic Brainwriting: Are More Heads Better Than One? *Decision Sciences Institute Meeting.*

Aiken, M., Rebman, C., & Vanjani, M. (2002). A Comparison of Electronic Poolwriting and Gallery Writing Meetings. *America's Conference on Information Systems (AMCIS).*

Aiken, M., Rebman, C., Vanjani, M., & Robbins, T. (2002). Meetings without Borders: A Multilingual Web-based Group Support System. *America's Conference on Information Systems (AMCIS).*

Aiken, M., Vanjani, M., & Wong, Z. (2002). Incremental Knowledge and Electronic Meeting Group Size. *Decision Sciences Institute Meeting.*

Aiken, M., Rebman, C., & Wong, Z. (2002). The Effect of Group Size on Electronic Meetings. *Decision Sciences Institute Meeting.*

Aiken, M., Wong, Z., & Rebman, C. (2002). The Effect of Meeting Time on Group Support System Satisfaction and Productivity. *Decision Sciences Institute Meeting.*

Aiken, M. & Rebman, C. (2002). A Comparison of Four Forecasting Techniques Used in Stock Selection. *Decision Sciences Institute Meeting.*

Aiken, M., Li, X., & Vanjani, M. (2002). Human Information Processing Rates and Electronic Poolwriting Comment Distribution. *Decision Sciences Institute Meeting.*

Aiken, M., Rebman, C., & Paolillo, J. (2001). Lessons Learned with a Voice-based Group Support System. *Decision Sciences Institute Meeting.*

Aiken, M., Rebman, C., & Vanjani, M. (2001). A Voice-based Group Support System. *Decision Sciences Institute Meeting.*

Aiken, M. & Vanjani, M. (2001). Automatic Consolidation of Creative Comments from Group Meetings. *Decision Sciences Institute Meeting.*

Aiken, M., Wong, Z., & Vanjani, M. (2001). An Analysis of Errors Using a Speech Recognition System.

*Decision Sciences Institute Meeting.*

Aiken, M., Wong, Z., & Vanjani, M. (2001). An Analysis of Errors Using a Speech Recognition System. *Decision Sciences Institute Meeting.*

Aiken, M. & Wong, Z. (2001). The Influence of Textual Complexity on Automatic Speech Recognition Accuracy. *Decision Sciences Institute Meeting.*

Aiken, M., Wong, Z., & Vanjani, M. (2001). Speech Complexity and Automatic Recognition Accuracy. *Allied Academics International Conference.*

Aiken, M. & Alonzo, M. (2001). A Study of Forced Electronic Gallery Writing. *Decision Sciences Institute Meeting.*

Aiken, M. & Vanjani, M. (2001). Accuracy of Typed and Spoken Group Support System Transcripts. *Decision Sciences Institute Meeting.*

Rebman, C., Aiken, M., Reithel, B., & Cegielski, C. (2001). An Exploratory Study of Speech Recognition Technology and its Implications for Current Electronic Meeting Support Applications. *Association for Information Systems Americas Conference.*

Aiken, M., Li, X., & Shirani, A. (2001). A Simulation of Electronic Poolwriting File Sharing. *Decision Sciences Institute Meeting.*

Aiken, M., Alonzo, M., & Vanjani, M. (2000). A Comparative Analysis of Forecasting Techniques. *Decision Sciences Institute Meeting.*

Aiken, M., Wei, E., & Vanjani, M. (2000). A Comparison of Two Automatic Idea Consolidation Techniques. *Decision Sciences Institute Meeting.*

Aiken, M. & Vanjani, M. (2000). An Update on a Multilingual GSS. *Decision Sciences Institute Meeting.*

Aiken, M., Vanjani, M., Rebman, C., & Wei, E. (2000). A Group Support System Mood Meter. *Decision Sciences Institute Meeting.*

Aiken, M. & Vanjani, M. (2000). Synchronous Consolidation of Ideas Generated in Electronic Meetings. *Decision Sciences Institute Meeting.*

Aiken, M. & Vanjani, M. (1999). An Abductive Model of Housing Prices. *Decision Sciences Institute Meeting.*

Aiken, M. & Shirani, A. (1999). Forecasting Bankruptcies with Logical Abduction. *Decision Sciences Institute Meeting.*

Aiken, M., Paolillo, J., & Vanjani, M. (1999). A Comparison of Artificial Neural Networks with Logical Abduction, . *Decision Sciences Institute Meeting.*

Aiken, M., Paolillo, J., & Vanjani, M. (1999). A Comparison of Artificial Neural Networks with Logical Abduction. *Decision Sciences Institute Meeting.*

Aiken, M., Sexton, R., & Vanjani, M. (1999). Forecasting the Consumer Price Index with a Neural Network. *Decision Sciences Institute Meeting.*

Aiken, M., Garner, B., Paolillo, J., & Vanjani, M. (1999). A Neural Network Model of Group Support Systems. *Decision Sciences Institute Meeting.*

Aiken, M. & Shirani, A. (1999). Forecasting Bankruptcies with Logical Abduction. *Decision Sciences Institute Meeting.*

Aiken, M., Waller, B., & Greer, T. (1998). Forecasting Construction Demand with a Neural Network. *Decision Sciences Institute Meeting.*

Aiken, M., Vanjani, M., & Motiwalla, L. (1998). Forecasting Unemployment with a Neural Network. *Decision Sciences Institute Meeting.*

Aiken, M. & Vanjani, M. (1998). Group Learning in an Electronic Meeting Environment. *Decision Sciences*

*Institute Meeting.*

- Aiken, M. & Vanjani, M. (1998). An Automated GDSS Facilitator. *Decision Sciences Institute Meeting.*
- Aiken, M., Vanjani, M., & Wong, Z. (1998). Group Support System Size Effects. *Decision Sciences Institute Meeting.*
- Aiken, M., Wong, Z., & Vanjani, M. (1997). A Group Decision Support System for Bilingual Meetings. *Decision Sciences Institute Meeting.*
- Aiken, M., Paolillo, J., & Vanjani, M. (1997). Automatic Consolidation of Electronic Meeting Comments. *Decision Sciences Institute Meeting.*
- Aiken, M., Wong, Z., Kim, N., & Vanjani, M. (1997). Experiences with Multilingual Electronic Meetings. *Decision Sciences Institute Meeting.*
- Aiken, M. (1997). A Comparison of Electronic Poolwriting and Gallery Writing. *Decision Sciences Institute Meeting.*
- Aiken, M. & Vanjani, M. (1997). Using a Neural Network to Forecast Share Prices. *Decision Sciences Institute Meeting.*
- Aiken, M., Waller, B., & Singleton, T. (1997). Residential Property Appraisal Using a Neural Network. *Decision Sciences Institute Meeting.*
- Aiken, M., Sudderth, T., & Singleton, T. (1997). A Cost-Benefit Analysis of GDSS Use. *Decision Sciences Institute Meeting.*
- Bsat, M., Beckers, A., & Aiken, M. (1997). A Survey of Neural Net Software. *Decision Sciences Institute Meeting.*
- Motiwalla, L., Kolluri, B., & Aiken, M. (1997). A Comparison of Neural Networks with Regression Techniques. *International Conference on Operations and Quantitative Management.*
- Aiken, M., Vanjani, M., Singleton, T., & Motiwalla, L. (1997). A Group Decision Support System Research Model. *Decision Sciences Institute Meeting.*
- Aiken, M. & Vanjani, M. (1997). The Use of a Group Decision Support System in a Study Consumer Behavior. *Decision Sciences Institute Meeting.*
- Hwang, C., Soe, L., & Aiken, M. (1996). The Research Challenge of the Use of GDSS in Confucian Society. *Decision Sciences Institute Asia-Pacific Conference.*
- Aiken, M., Singleton, T., Paolillo, J., Motiwalla, L., & Hwang, C. (1996). The Effect of Electronic Brainstorming on Chinese and Korean Groups. *Decision Sciences Institute Meeting.*
- Aiken, M., Vanjani, M., De Magalhaes, R., & Hwang, C. (1996). Group Decision Support Systems and Multicultural Communications. *Decision Sciences Institute Meeting.*
- Aiken, M., Motiwalla, L., & Govindarajulu, C. (1996). Forecasting Stock Returns with a Neural Network. *Decision Sciences Institute Meeting.*
- Aiken, M., Vanjani, M., Sweeney, R., & Singleton, T. (1996). Using a Group Decision Support System in the Classroom. *Decision Sciences Institute Meeting.*
- Aiken, M., Singleton, T., & Waller, B. (1996). Forecasting Inflation Using a Neural Network. *Decision Sciences Institute Meeting.*
- Stocks, M., Singleton, T., & Aiken, M. (1995). Bankruptcy Prediction: Logistic Analysis vs. an Artificial Neural Network. *Decision Sciences Institute Meeting.*
- Aiken, M., Singleton, T., & Motiwalla, L. (1995). Expert Session Facilitator: An Expert System for Group Facilitation. *Decision Sciences Institute Meeting.*
- Singleton, T., Stocks, M., & Aiken, M. (1995). Using a Group Decision Support System for Financial Decision

Making. *Decision Sciences Institute Meeting*.

Aiken, M., Motiwalla, L., Fish, K., & Bsat, M. (1995). A Comparison of Neural Networks with Discriminant Analysis. *Decision Sciences Institute Meeting*, 203-205.

Aiken, M., Morrison, J., Paolillo, J., & Motiwalla, L. (1995). Forecasting Gross Domestic Product Using a Neural Network. *Decision Sciences Institute Meeting*, 508-510.

Aiken, M., Reithel, B., & Conlon, S. (1995). Intelligent Agents in a Group Decision Support System. *Decision Sciences Institute Meeting*, 483-485.

Aljumaih, K., Aiken, M., & Vanjani, M. (1995). A Comparison of Brainstorming and Brainwriting. *Decision Sciences Institute Meeting*, 480-482.

Aiken, M., Hwang, C., & Martin, J. (1995). A Japanese Group Decision Support System. *Decision Sciences Institute Meeting*, 477-479.

Aiken, M. & Sloan, H. (1995). MIS and Cultural Diversity: Supporting Banking Regulatory Compliance. *Small Business Institute Directors' Association, Conference*.

Aiken, M., Hwang, C., & Paolillo, J. (1994). The Use of a Group Decision Support System in a Graduate Student Seminar. *Southern MIS Association Conference*.

Shirani, A. & Aiken, M. (1994). An Expert Multi-Agent Negotiation Support Tool for Electronic Meeting Systems. *IRMA International Conference*.

Aiken, M., Kim, D., & Singleton, T. (1994). Future Developments of Group Decision Support Systems. *Decision Sciences Institute Meeting*.

Aiken, M., Singleton, T., Johnson, J., Bsat, M., & Krosp, J. (1994). Experiences with Group Decision Support Systems. *Decision Sciences Institute Meeting*.

Alkhazraji, K., Singleton, T., & Aiken, M. (1994). Using a Group Decision Support System for Team Negotiations. *Decision Sciences Institute Meeting*.

Aiken, M. (1994). A Survey of Group Decision Support System Software. *Association for Business Communication National Conference*.

Quinn, T., Motiwalla, L., Aiken, M., & Vanjani, M. (1993). Managing Computer Crime. *Decision Sciences Institute Meeting*.

Bsat, M. & Aiken, M. (1993). PC-Based Expert System Shells: Evaluation and Selection Criteria. *Decision Sciences Institute Meeting*.

Vanjani, M. & Aiken, M. (1993). Validation of Expert Systems. *Decision Sciences Institute Meeting*.

Martin, J. & Aiken, M. (1993). Two Business Advisory Boards Using GDSS Determine Communication is the Number One Need of Business Graduates. *Association for Business Communication Conference, Southwest Region*.

Aiken, M., Martin, J., Reithel, B., Shirani, A., & Singleton, T. (1992). Using a Group Decision Support System for Multicultural and Multilingual Communication. *Decision Sciences Institute Meeting*, 792-794.

Caporaletti, L., Aiken, M., & Johnson, J. (1992). Integrating Electronic Meeting Systems with Artificial Neural Systems. *Decision Sciences Institute Meeting*.

Shirani, A., Aiken, M., & Reithel, B. (1992). A Model of User Information Satisfaction. *Decision Sciences Institute Meeting*.

Higa, K., Aiken, M., & Liu Sheng, O. (1990). A Knowledge-Based Message Dissemination System: Design and Implementation. *Decision Sciences Institute Meeting*, 360-363.

Aiken, M., Motiwalla, L., Liu Sheng, O., & Nunamaker, J. (1990). ESP: An Expert System for Pre-Session Group Decision Support Systems Planning. *International Conference on Systems Sciences, III*, 279-286.

Aiken, M., Motiwalla, L., Liu Sheng, O., & Nunamaker, J. (1989). An Expert System Approach to Group Decision Support System Tool Selection. *National Conference of Association for Computer Educators*, 96-104.

Aiken, M. (1986). An Analysis of the M/G/1 Queuing System. *International Conference of Mathematicians and Pi Mu Epsilon Conference*.

Aiken, M. (1986). JENASYS Multilinear Analysis. *Mathematical Association of America Oklahoma/Arkansas Regional Conference*.

Aiken, M. (1985). Box-Jenkins Multilinear Analysis of Common Stock Prices. *Mathematical Association of America and Pi Mu Epsilon Joint Conference*.

Aiken, M. (1980). Mathematics of Transfinite Numbers. *Mathematical Association of America Oklahoma/Arkansas Regional Conference*.

## **Research Grants**

### **Funded**

2007: Aiken, M. Summer Research, Principal Investigator, School of Business Administration.

2006: Aiken, M. Summer Research, Principal Investigator, School of Business Administration.

2003: Milam, A. The Effect of Web Page Design on Electronic Commerce Trust, Principal Investigator, School of Business. Hearin Summer Grant.

2001: Milam, A. Flat-screen Monitor for Electronic Classroom, Principal Investigator, University of Mississippi Partners Grant. Used in electronic classroom.

2000: Milam, A. Automatic Speech Recognition in the Group Support System Human-Computer Interface, Principal Investigator, School of Business. Hearin Summer Grant.

1999: Milam, A. Teaching in Southaven, Principal Investigator, School of Business Administration. Incentive for teaching in Southaven.

1999: Aiken, M. Multilingual GDSS, Faculty Research Small Grant Award, Principal Investigator, University of Mississippi. Study the use of automatic translation within a Group Decision Support System.

1995: Milam, A. A Comparison of Electronic Brainstorming and Electronic Brainwriting, Principal Investigator, School of Business. Summer Research Grant.

1994: Milam, A. Enhancement of Microcomputer Processing Capability, Principal Investigator, University of Mississippi Partners Grant. New computer.

1994: Milam, A. Forecasting Economic Growth Using Neural Networks, Principal Investigator, School of Business. Summer research grant.

1993: Milam, A. A Study of Asian Language GDSS Use, Principal Investigator, School of Business. Summer research grant.

1992: Milam, A. A Group Decision Support System, Principal Investigator, University of Mississippi Partners Grant. software.

1992: Milam, A. Laser Printer, Principal Investigator, University of Mississippi Partners Grant.

1992: Milam, A. An Expert System Shell, Principal Investigator, University of Mississippi Partners Grant. EXSYS software.

1992: Milam, A. A Study of Multilingual GDSS Use, Principal Investigator, School of Business. Summer research grant.

1992: Milam, A. PC Equipment, Principal Investigator, University of Mississippi Partners Grant.

## Research Honors and Awards

### Award

2006: , Academy of Information and Management Sciences. Distinguished Research Award for paper: The Influence of Individual, Task, Organizational Support, and Subject Norm Factors on the Adoption of Groupware: Kim, Kim, Aiken, & Park.

2004: , University of Mississippi, School of Business Administration. Outstanding Researcher of the Year Award.

1992: , University of Mississippi, School of Business Administration. Outstanding Researcher of the Year Award.

### Honor

2000: , Communications of the Association for Information Systems. Top 30 of 1,223 in IT publications (using metric in Athey, S. and Plotnicki, J., An evaluation of research productivity in academic IT. Communications of the Association for Information Systems, 3(7), March 2000.).

2000: , Journal of International Information Management. No. 1 in GSS publications (Wong, Z., Group Support System research in the 1990s: Leaders in research productivity. Journal of International Information Management, 92(2), Fall 2000, 53-61.).

1996: , Decision Support Systems. No. 8 of 250 in GSS publications (Pervan, G., A review of research in Group Support Systems: Leaders, approaches and directions. Decision Support Systems, 23, 1998, 149-159.) .

## Service to the University

### Department Assignments

#### **Other Institutional Service Activities:**

2003-2004 – 2004-2005: Interim Chair for MIS/POM Department: University of Mississippi, School of Business Administration

### College Assignments

#### **Member:**

2003-2004 – 2004-2005: School of Business Administration, Executive Committee

### University Assignments

#### **Chair:**

1998-1999 – 1999-2000: University of Mississippi, SACS Information Technology Sub-committee

1992-1993 – 1993-1994: University of Mississippi, Faculty Housing Committee

#### **Member:**

2003-2004 – 2004-2005: University of Mississippi, Self-Assessment Review Committee

2003-2004 – 2004-2005: University of Mississippi, Museum Committee

2002-2003 – 2004-2005: University of Mississippi, Sabbatical Leave Review Committee

2000-2001 – 2004-2005: University of Mississippi, Faculty Senate



1993-1994 – 1997-1998: University of Mississippi, Faculty Housing Committee

1991-1992: University of Mississippi, Faculty Housing Committee

**Other Institutional Service Activities:**

2010-2011: Faculty Senator: fall semester 2010

2006-2007: Scholar Day: served as a panelist at the University's Scholar Day for high school students

**Dissertation Assignments**

**Chair:**

2008-2009 – 2009-2010: Kaushik Ghosh: Idea Generation Using Brainwriting: The Role of Process Losses in Electronic and Manual Gallery Writing Meetings

2008-2009: Kaushik Ghosh: Idea Generation Using Brainwriting: The Role of Process Losses in Electronic and Manual Gallery Writing Meetings

2008-2009: Mina Park: A Comparison of Synchronous Legislative Session Groups and Asynchronous Legislative Session Groups in the Study of Satisfaction and Task Performance

2007-2008: Tobin Lindblom: Electronic Brainstorming using GDSS in Large Groups

2006-2007: David Williams: A Validation of the Fundamental Research Model of Group Support Systems

2004-2005: Linwu Gu: Topic Effects on Process Gains and Losses in an Electronic Meeting

2004-2005: Denise Williams: Factors Affecting High Performance Web Sites

2000-2001: Zachary Wong: 'A Group Support System with Automated Facilitation.'

1996-1997: Khalid Aljumaih : 'Anonymity and Evaluative Tone Effect on Group Process with an Idea Generation Task: An Experimental Investigation using Alternative GDSS Software.'

1996-1997: Mahesh Vanjani : Distributed Electronic Meetings: A Comparison of Performance and Satisfaction between Synchronous Legislative Sessions and Virtual Legislative Sessions

1993-1994: Ashraf Shirani : Collaborative Decision Making Using Group Decision Support Systems: Incentive Structures and Group Performance

**Member:**

2010-2011 – 2011-2012: Donghyun Kim: 'Mobile Social Capital and Mobile Social Networking: The Impact of User -- IT Artifact Interaction on Technology Adoption'

2010-2011: Lakisha Simmons: Ontology Extraction of Semantic Relationships Using CAINES

2008-2009 – 2009-2010: Frank Mathew: Adaptive Memory Algorithms for the Capacitated Minimum Spanning Tree Problem.

2008-2009: Jennifer Ziegelmayer: Misbehavior from the Helpdesk: An Integrated Model of Counterproductive Workplace Behavior by Information Systems Support Staff

2008-2009: Mahmudul Sheik: A Methodology to Improve the Performance of Extracting Information From Financial Documents

2007-2008 – 2008-2009: Frank Mathew: Adaptive Memory Algorithms for the Capacitated Minimum Spanning Tree Problem.

2006-2007 – 2007-2008: Frank Mathew: Adaptive Memory Algorithms for the Capacitated Minimum Spanning Tree Problem.

2006-2007: Jamison Posey: Technology and Trust: Technology as Impression Management in Trust Development Within Outsourced Information Systems Development Projects

2005-2006 – 2006-2007: Frank Mathew: Adaptive Memory Algorithms for the Capacitated Minimum Spanning Tree Problem.

2005-2006: Frank Mathew: Adaptive Memory Algorithms for the Capacitated Minimum Spanning Tree Problem.

2005-2006: Hongman Gao: Maintenance Scheduling with Multi-Skilled Workforce Constraints: Models, Algorithms, and Applications

2005-2006: Taner Pirim: A Hybrid Metaheuristic Algorithm for Solving Capacitated Task Allocation Problems as Modified xQx Problems

2005-2006: Yuting Cheng: Design and Simulation of Multi-attribute Reverse Auction for the Navy's Personnel and Assignment System

2004-2005: Xiaobo Xu: A Study in IT Infrastructure Capabilities and Development Team Perspectives That Impact IT Project Success

2004-2005: Larry McDaniel: The Intra-personal Effect on Information Systems Usage: The Effects of Ability, Acceptance, Reinforcement Consistency, and Support on Personal Motivation to Use Information Systems

2004-2005: Gary Garrison: A Model of Factors Impacting an Organization's Propensity to be an Early Adopter of Disruptive Technology

2004-2005: Gerry Grant: Edgar Extraction System: An Automated Approach to Analyze Employee Stock Option Disclosures

2004-2005: Sang Kim: Theoretical Extension of the Technology Acceptance Model: Technological, Cognitive, and Social Influence Processes Impacting Users' Adoption and Use of Mobile Wireless Technology (MTWT)

2004-2005: Yaquan Xu: New Feature Selection Method Based on Support Vector Machines for Text Categorization

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

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

2004-2005: Katherine Boswell : 'The Impact of Perceived Invasiveness and Perceived Objective on Technology Acceptance: An Extension to the Technology Acceptance Model.'

2003-2004: Obyung Kwun: 'Information systems Development and User Behavior: Effects of Organizational Justice.'

2003-2004: Yangil Park : 'An Empirical Evaluation of the Factors That Impact Perceived Web Usability and User Performance.'

2002-2003: Jienfeng Wang: 'IT Over Firm Boundary: Impacts and Strategic Implications.'

2002-2003: Hong (Wendy) Wang: 'Optimal Components of Research Publication Abstracts: An Empirical Study on Producing Abstracts That Meet the ANSI Standard.'

2001-2002: K. Denise Williams : 'Factors Affecting High Performance Web Sites.'

2001-2002: Mei Alonzo: 'The Effect of Individual Differences on Web-base Interface Design; A Children's Information Processing and Dual Coding Approach.'

2001-2002: Casey Cegielski : 'A Model of the Factors that Affect the Integration of Emerging Information

Technology into Corporate Strategy.'

2001-2002: Carl Rebman : 'An Examination of Factors That Affect End User Acceptance of Speech Recognition Technology.'

2001-2002: Robin Wakefield--Accountancy: 'An Analysis of the Antecedent of Online Trust and an Evaluation of the AICPA's WebTrust Initiative.'

1999-2000: Aurore Kamssu : Financial Analysis and Information Technology: The Impact of Being an Internet-Dependent Firm on the Firm's Standard Financial Ratios and Stock Returns

1999-2000: Tara Sudderth--Accountancy : 'An Empirical Analysis of the Usefulness of Financial Ratios in Predicting Fiscal Stress of State and Local Governments.'

1998-1999: Patricia Mounce--Accountancy : 'Income Tax Provisions Applicable to Churches: An Investigation of Compliance by Church Administrators.'

1997-1998: Bassam Hasan : PhD MIS, 'The Influence of Computer Self-Efficacy and Outcome Expectations on Computer Training Effectiveness'.

1997-1998: Shawn Mauldin--Accountancy : 'AICPA Accreditation of CPAs in Specific Areas of Practice: A Public and Regulatory Perspective'.

1995-1996: Tom Singleton--Accountancy : 'EDP Auditing in North America: How its Development Brings Insights to Contemporary Issues.'

## **Unassigned**

### **Department Assignments**

#### **Director:**

2003-2004 – 2016-2017: Chair of Department: Chair - MIS Department

### **Dissertation Assignments**

#### **Member:**

2013-2014 – 2014-2015: Shilpa Balan: dissertation

## **University of Mississippi, School of Business Administration**

### **College Assignments**

#### **Assurance of Learning - Institutional Service:**

2016-2017 – 2017-2018: Assurance of Learning

#### **Member:**

2016-2017 – 2017-2018: Grade Appeals

2015-2016 – 2016-2017: Scholarship Committee

2009-2010 – 2016-2017: Assurance of Learning Committee

2007-2008 – 2016-2017: Executive Committee

2008-2009: Assurance of Learning

2005-2006: Undergraduate Core Curriculum Task Force

2004-2005: Executive Committee

### **University Assignments**

#### **Member:**

2016-2017: Non-resident Admission Committee

#### **Other Institutional Service Activities:**

2003-2004 – 2015-2016: Faculty Senator

### **Dissertation Assignments**

#### **Member:**

2015-2016 – 2016-2017: Andres Lopez

2013-2014 – 2014-2015: William Pepper: “An Evaluation in Perceived Safety of Free Software: The BRAFS Model.”

2013-2014 – 2014-2015: Xiang Guo:  
Mobile Computing Device Adoption in Organizations: An Information-Processing Based View

2012-2013 – 2014-2015: Surma Mukhopadhyay: Initial Online Customer Trust (IOCT): The Significance of Information and Experience, and the Role of Service Providers

## **Service to the Profession**

### **Reviewer - Article / Manuscript**

2016: International Journal of Services Technology Management.

2007: IEEE Transactions on Man, Systems, and Cybernetics. Reviewer

### **Editor: Academic PRJ**

1994 – 2000: Journal of End User Computing Book . Review Editor

### **Editor: Guest Editor of Journal**

2008: International Journal of Business and Systems Research.

### **External Reviewer for Tenure**

2003: Joseph Khamalah, Indiana University-Purdue University, Unknown, Indiana.

2000: Luvai Motiwalla, University of Massachusetts.

1999: Ashraf Shirani, Hofstra University, New York, New York.

1999: Luvai Motiwalla, Hartford University.

### **Reviewer: Ad Hoc Reviewer for a Journal**

2008: Journal of Computer-Mediated Communication.

2007: Journal of Computer-Mediated Communication. Reviewer

2007: Computers and Industrial Engineering. Reviewer

2005: Decision Support Systems. Reviewer

2005: OMEGA. Reviewer

**Reviewer: Conference Paper**

2007: Decision Sciences Institute. Reviewer

2006: International Association for Computer Information Systems. Reviewer for annual conference

**Faculty Development**

**Instructional-Related Conference**

2006: San Antonio, Texas. Learned about writing papers for journals and a new Web-based program for institutional assessment.

**Other Professional Development**

2007: Oxford, Mississippi. 'Preventing Employment Discrimination' online training.

2007: Oxford, Mississippi. 'Preventing Sexual Harassment' online training

**Professional Seminars / Workshops**

2007: Oxford, Mississippi. Online Webinar AACSB Assurance of Learning February 20

2007: Oxford, Mississippi. March 23 Future Faculty Mini-Conference - Teaching Skills

2007: Oxford, Mississippi. Kroenke TEACH ME, I DARE YOU! Webinar about motivating students.

2005: Oxford, Mississippi. Learned about institutional assessment at campus workshop

2004: Oxford, Mississippi. Learned about institutional assessment at campus workshop

**Technology-Related Training**

2007: Oxford, Mississippi. Training on online faculty evaluation system

2007: Oxford, Mississippi. Introduction to Data Mining for Absolute Beginners Web conference

2006: Oxford, Mississippi. attended training on campus about how to do distance learning.

**Other Honors and Awards**

1999: , Babson College. CIMS Award for Best Paper in Management Information Systems, Decision Support Systems, or Microcomputers 'Forecasting Bankruptcies with Logical Abduction,' M. Aiken & A. Shirani, 1999 Annual Meeting of the Northeast Decision Sciences Institute, Newport, RI, March 24-26, 1999.

1999: , Southeast Decision Sciences Institute. Best paper in Information Systems Track. 'An Abductive Model of Housing Prices,' M. Aiken & M. Vanjani, Savannah, Georgia, 226-227.