

## **EDUCATION**

- Ph.D. Applied Statistics – University of Alabama 1997
  - Master of Science Applied Statistics – University of Alabama 1995
  - Master of Management Information Systems - Georgia College & State University 2003
  - Master of Business Administration – University of Alabama at B’ham 1993
  - B.S. Business (Quantitative Methods & Finance) – University of Alabama at B’ham 1991
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## **ACADEMIC APPOINTMENTS**

### **Georgia Southern University**

- *Professor of Information Systems*  
Department of Information Systems, COBA 2015 ~ Present
- *Associate Professor of Information Systems*  
Department of Information Systems, COBA 2012 ~ 2015  
Department of Information Systems, CEIT 2005 ~ 2012
- *Assistant Professor of Information Systems*  
Department of Information Systems, CEIT 2003 ~ 2005
- *Assistant Professor of Decision Sciences*  
Department of Information Systems & Logistics, COBA 2001 ~ 2003

### **Kennesaw State University**

- *Assistant Professor of Mathematics & Statistics*  
Department of Mathematics, College of Science and Mathematics 1997 ~ 2001

### **University of Alabama**

- *Graduate Teaching Assistant – Statistics*  
Department of Management Science and Statistics, COBA 1993 ~ 1997

### **University of Alabama at Birmingham**

- *Adjunct Faculty; Instructor of Quantitative Methods* 1994 ~ 1996

### **Shelton State College**

- *Adjunct Faculty; Instructor of Statistics* 1994 ~ 1996
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## EDITORIAL POSITIONS

- **Reviewer:** Journal of Information Systems Education (Title: Measuring Internet Addiction and its Relationship to Student Grade Point Average in Undergraduate Academic Performance)
  - **Reviewer:** Journal of Management Information and Decision Sciences (Title: Quality & Performance in the Airline Industry)
  - **Reviewer:** Management Information Systems (Title: Enterprise Systems Adoption and the Mediating Role of Enterprise Systems Assimilation: A Senior Executive's Perspective)
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## JOURNAL ARTICLES & PROCEEDINGS

- *Refereed Journals*

- Dyer, J.N. (Forthcoming 2016). Monte Carlo Simulation Design for Evaluating Normal-Based Control Chart Properties. *Journal of Modern Applied Statistical Methods*, Vol. 15(2).
- MacKinnon, R., Elder, K., Dyer, J.N. (Forthcoming 2016). ABET Accreditation of IS and IT Programs In 2013. *Journal of Higher Education Theory and Practice*.
- Dyer, J.N., Rogers, C, (Forthcoming 2016). Adapting the Access Northwind Database to Support a Database Course. *Journal of Information Systems Education*.
- Dyer, J.N., Rogers, C. (2015). Mapping Relational Algebra Operators into Queries. *Journal of Business Cases and Applications*, Vol 13, January, pp 85-114. (<http://dx.doi.org/10.18374/IJBR-15-3.4>)
- Mayes, C.H., Dyer, J.N., (2015). SMB Automation of Accounts Payable and Accounts Receivable. *International Journal of Business Research*, 15(3), 37-54.
- Dyer, J.N., Elder, K., and MacKinnon, R. (2014). A Survey and Discussion of Competing Mean-Variance Statistics in Portfolio Analysis. *Journal of Financial Education*, Fall/Winter, Vol. 40, No. 3/4.
- Gordon, M., Dyer, J.N. (2014). Six Rules for Implementation of the General Ledger in SAP ERP. *International Journal of Business Research*, Vol. 14, No. 1, pp 7-16. (<http://dx.doi.org/10.18374/IJBR-14-1.1>)
- Dyer, J. N., MacKinnon, R., Han, H., Elder, K. (2013). Assessing the Value of the Introductory Computer Concepts Course: 2004 to 2013. *Issues in Information Systems*, Vol. 14, Issue 1, pp 322-330.
- Dyer, J.N. (2013). Categorizing Efficient XML Compression Schemes. *Journal of Business, Industry Economics*, Vol. 20, Spring 2013, pp 65-86.
- Case, T., Gardiner, A., Rutner, P., Dyer, J.N. (2012). A LinkedIn Analysis of Career Paths of Information Systems Alumni. *Journal of the Southern Association for Information Systems*, pp 1- 13.
- MacKinnon, R., Elder, K., Dyer, J.N. (2012). The Current Status of ABET Accreditation of Information Systems Programs. *Issues in Information Systems*, Vol. 13, Issue 1, pp 151-159.
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- Dyer, J.N. (2011). A Simulation Study of the Relative Efficiency of the Minimized Integrated Square Error (L2E) Estimator for Phase I Control Charting. *Journal of Modern Applied Statistical Methods*, Vol. 10, No. 1, pp 300-312.
- Dyer, J.N. (2010). Desk-Top Software Development Using HTML Applications. *Journal of Business, Industry & Economics*, Vol. 15, Fall 2010, pp 11-28.
- Cairney, T., Hodgdon, C., Dyer, J.N., Sewon, O (2006). Academic Discipline and Beliefs about the Purpose of Grades: A Cross-Sectional Study of Business School Faculty. *Review of Business Research*, Vol. VI, No. 4, pp 123-132.
- Young, D., Dyer, J.N. (2004). The Routinization of Web-based Supplier Diversity Initiatives. *Academy of Information and Management Sciences Journal*, Vol.7, No. 2, pp 83-104.
- Moss, S.E., Williams, S.R., Dyer, J.N., and Laposa, S. (2004). Estimating Portfolio Value Estimates Using Mass Appraisals and Portfolio Confidence Intervals. *Journal of Commercial Banking & Finance*, Vol. 3, No. 1, pp 57-66.
- Barrett, J.D., Williams, R.J., and Dyer, J.N. (2004). The Economics of Decision Making in SPC. *Journal of Business, Industry and Economics*, Vol. 4, pp 1-10.
- Dyer J.N., Conerly M.D., and Adams B.M. (2003). A Simulation Study and Evaluation of Multivariate Forecast Based Control Charts Applied to ARMA Processes. *Journal of Statistical Computation and Simulation*, Vol. 73, No. 10, pp 697-708.
- Dyer J.N., Adams B.M., and Conerly M.D. (2003). The Reverse Moving Average Control Chart and Comparisons of Forecast Based Monitoring Schemes. *Journal of Quality Technology*, Vol. 35, No. 2, pp. 135-155.
- Dyer J.N., Conerly M.D., and Adams B.M. (2003). A Simulation Study of the Impact of Forecast Recovery for Control Charts Applied to Various ARMA Processes. *Journal of Modern Applied Statistical Methods*, Vol. 11, No. 2, pp 343-353.
- Dyer J.N., Conerly M.D., Adams B.M., and Barrett J.D. (2002). Multivariate Forecast Based Control Charting Schemes. *Journal of Business, Industry and Economics*, Vol. 1, No. 2, pp 145-156.
- Dyer J.N. and Barrett J.D. (2000). A Simple Mathematical Description of the Impact of Forecast Recovery for AR(2) Processes. *Palmetto Review*, Vol. 3, pp. 14-22.

- **Refereed Proceedings**

- MacKinnon, R., Dyer, J., Elder, K. L. (2015). What First Year Students Know and Don't Know About Computer Concepts 2004-2014. *Proceedings, Southeast DSI, February 2015*.
- Elder, K.L, Barnhill, M., Dyer, J., MacKinnon, R. (2015). Reconciling Enterprise Security Concerns With the BYOD Trend. *Proceedings, Southeast DSI, February 2015*.
- Elder, K. Dyer, J., MacKinnon, R. (2012). State of the Art Business Intelligence Curriculum. *SOBIE 2012 Proceedings of Annual Meeting*, pp 118-129.

## **PRESENTATIONS AT PROFESSIONAL MEETINGS**

- SEinfORMS Conference 2015  
“*Creating a Concept Inventory for Basic Database Concepts.*”
- Society of Business, Industry and Economics 2015  
“*Improving Financial Literacy through Case Studies in Personal Finance.*”
- Society of Business, Industry and Economics 2014  
“*A Review of In-Memory Database and Complex Event Processing in ERP.*”
- Society of Business, Industry and Economics 2014  
“*Using the Cloud to Teach ERP.*”
- Society of Business, Industry and Economics, 2014  
“*ABET Accreditation of IS and IT Programs in 2013.*”
- 53<sup>rd</sup> Annual IACIS International Conference 2013  
“*Assessing the Value of the Introductory Computer Concepts Course: 2004 to 2013.*”
- Society of Business, Industry and Economics 2013  
“*Access 2010 Northwinds Traders Sample Database: Documentation, Discussion and Design.*”
- Society of Business, Industry and Economics 2013  
“*Health Informatics: It’s for All Business School Majors.*”
- Society of Business, Industry and Economics 2013  
“*Learning Management Systems (LMS) Evolution in Universities.*”
- Society of Business, Industry and Economics 2012  
“*A Survey and Discussion of Competing Mean-Variance Statistics in Portfolio Analysis.*”
- Society of Business, Industry and Economics 2010  
“*Desk-Top Software Development Using HTML Applications.*”

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## **ACADEMIC AWARDS**

- COBA Summer Research Award 2013
- COBA Summer Research Award 2012
- Best Paper Award – Southern Association of Information Systems 2010

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## **PROFESSIONAL MEETINGS & DEVELOPMENT**

- Paper Discussant – SEinfORMS Conference 2015
- Paper Discussant – SE DSI 2015
- Session Chair, Paper Discussant, Graduate Paper Judge - SEinfORMS Conference 2014
- Society of Business, Industry and Economics 2014
- SAP HANA & Analytics Workshop 2014
- 53<sup>rd</sup> Annual IACIS International Conference – Curriculum & Course Development 2013
- Session Chair, Society of Business, Industry and Economics - Computer Info Systems 2013
- SAP University Alliances North America Winter Workshop – Business Objects 2013
- Session Chair, Society of Business, Industry and Economics - Computer Info Systems 2012
- SAP University Alliances North America Winter Workshop – Business By Design 2012
- Session Chair, Society of Business, Industry and Economics - Computer Info Systems 2010

## **PROFESSIONAL CERTIFICATIONS**

- SAP Certified Business Consultant
- Microsoft MOS Specialist (Excel & Access)