

Randy V Bradley, Ph.D.

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EDUCATION

Doctor of Philosophy (Ph.D.), Management of Information Technology and Innovation, Auburn University, Auburn, AL, December 2006

Dissertation Title: Strategic Valuation of Enterprise Information Technology Architecture in Healthcare Organizations

Master of Management Information Systems, Auburn University, Auburn, AL, May 2001

Bachelor of Computer Engineering, Auburn University, Auburn, AL, June 1997

TEACHING EXPERIENCE

The University of Tennessee, Knoxville, TN

Assistant Professor, 2006 – present

Courses:

Business Process Analysis

E-Enterprise

Healthcare IT Strategy (Physicians Executive MBA)

Database Analysis and Interrogation (MBA)

Information Resources Management (MBA)

IT Strategy and Decision-Making (MBA)

Troy University, Phenix City, AL

Assistant Professor and Program Director of Information Systems, 2002 - 2006

Courses:

Management Information Systems (MBA)

Computer Networking

Data Communications

Introduction to Management Information Systems

Introduction to Oracle: SQL/PL*SQL

Linux and UNIX Shell Programming

Principles of Data Management

Seminar in Information Systems

Systems Analysis and Design and Project Management

Technology and Innovation Management

Average teaching evaluation for all courses is 4.5 out of 5.

Auburn University, Auburn, AL
Graduate Teaching Fellow, 2001 – 2004

Courses:

Analysis and Design of Business Information Systems

Database Management Systems

Average teaching evaluation for all courses is 4.5 out of 5.

INDUSTRY EXPERIENCE

Computer Sciences Corporation, Montgomery, AL

Senior Database Administrator (DBA), 2001 – 2005

Database Administrator, 1998-2000

Camber Operations, Montgomery, AL

Senior Database Administrator, 2000 – 2001

Southwire Company, Carrollton, GA

Database Analyst, 1997 –1998

RESEARCH INTERESTS

Strategic Value of Enterprise Architectures

Information Technology Governance

Healthcare Information Technology and Systems Management

Information Technology in the Supply Chain

Strategic Management of Information Technology

Strategic Information Systems Planning

Information Technology Education

TEACHING INTERESTS

Information Technology Strategy

Healthcare Information Technology

Technology and Innovation Management

Database Management

Information Technology Audit, Security, and Forensics

Business Process Analysis

Enterprise Systems

Systems Analysis and Design

PUBLICATIONS

1. Pridmore, J., Bradley, R. V., and Mehta, N. (2010) Methods of Instruction and Learning Outcomes: A Theoretical Analysis of Two Approaches in an Introductory Information Technology Course, *Decision Sciences Journal of Innovative Education*, 8(2), 289-311.

2. Bradley, R. V. and Byrd, T. A. (2009) A Theoretical Investigation and Extension of a Model of Information Technology Architecture Maturity, *Journal of Organizational and End User Computing*, 21(4), 41-62.
3. Borth, Michael A. and Bradley, R. V. (2009) Unexplored Linkages between Corporate Governance and IT Governance: An Evaluation and Call to Research, In A. Cater-Steel (Ed.), *IT Governance and Service Management*, 202-220. Hershey, PA: Information Science Reference.
4. Bradley, R. V., Mbarika, V., Sankar, C. S., Raju, P. K., Bangaly, K. (2007). Using Multimedia Instructional Materials in MIS Classrooms: A Tutorial, *Communications of the Association for Information Systems*, 20(19), 260-281.
5. Bradley, R. V., Sankar, C. S., Clayton, H. R., Mbarika, V., and Raju, P. K. (2007). A Study on the Impact of GPA on Perceived Improvement of Higher-Order Cognitive Skills, *Decision Sciences Journal of Innovative Education*, 5(1), 151-168.
6. Bradley, R. V. and Byrd, T. A. (2007). Information Technology Architecture as a Competitive Advantage-Yielding IT Resource: A Theoretical Perspective. *International Journal of Networking and Virtual Organisations*, 4(1), 1-19.
7. Bradley, R. V., Pridmore, J., and Byrd, T. A. (2006). Information Systems Success in the Context of Different Corporate Cultural Types: An Empirical Investigation, *Journal of Management Information Systems*, 23(2), 267-294.
8. Byrd, T. A., Lewis, B., and Bradley, R. V. (2006). IS Infrastructure: The Influence of Senior IT Leadership and Strategic Information Systems Planning, *Journal of Computer Information Systems*, 47(1), 101-113.
9. Kifle, M., Mbarika, V., and Bradley, R. V. (2006). Global Diffusion of the Internet X: The Diffusion of Telemedicine in Ethiopia: Potential Benefits, Present Challenges, and Potential Factors, *Communications of the Association for Information Systems*, 18(30), 612-640.
10. Bradley, R. V., Mbarika, V., Sankar, C. S., and Raju, P. K. (2005). An Instruction Manual on using Multimedia Instructional Materials in MIS Classrooms, In M. Pagani (Ed.), *Encyclopedia of Multimedia Technology and Networking*, 2, 717-723. Hershey, PA: Idea Group Reference.

PAPERS UNDER REVIEW

1. Bradley, R. V., Outlay, C. N., Pratt, R. M. E., and Byrd, T. A. Enterprise Architecture, IT Effectiveness, and the Mediating Role of Business-IT Alignment in U.S. Hospitals (Journal: *Information Systems Journal* – going into 2nd round)
2. Jamaica's Internet Story Based on the GDI Framework (Journal: *Communication of the Association of Information Systems* – going into 2nd round)

3. Bichescu, B., Bradley R.V., and Wu, W. The Effects of IT-based Scheduling Applications on Hospital Operations: An Econometric Analysis (Journal: *Management Science* – 1st round)
4. Bradley, R. V. Byrd, T. A, Pridmore, J. L., Mbarika, V., and Thrasher, E. An Empirical Study of the Relationships among CEO-CIO Power Sharing, IT Governance, and IT Capability in U.S. Hospitals (Journal: *Journal of Information Technology* – 1st round)
5. Bradley, R. V., Pratt, R. M. E., Byrd, T. A., and Thrasher, E. Integrating the IT Infrastructure in US Hospitals: The Testing of a Framework for Clinical Error Detection and Reduction (Journal: *Decision Sciences* - 1st round)

WORKING PAPERS

Bradley, R. V., Byrd, T. A., Clayton, H. R., Jones, A. Exploring the Missing Data Conundrum In MIS Research Using PLS: A Monte Carlo Simulation

Bradley, R. V., Esper, T. E., Byrd, T. A., and Clayton, H. R. The Operational Role and Influence of RFID for Asset Tracking in Service Supply Chains: An Exploratory Study of the Healthcare Sector

WORK IN PROGRESS

1. Bradley, R. V., and Pratt, R. M. E. Exploring the Relationships among Corporate Entrepreneurship, Strategic Agility, and Risk Management in Healthcare Organizations (Target Journal: *Decision Sciences*)...80% complete
2. Esper, T. E., Bradley, R. V., Byrd, T. A., and Clayton, H. R. An Empirical Investigation of the Characteristics of Early Adopters of RFID in Hospitals and the Benefits of Adoption (Target Journal: *Journal of Business Logistics*)...80% complete
3. Bradley, R. V., Pratt, R. M. E., Byrd, T., and Simmons, L. Enterprise Architecture: The Panacea for Hospital IT Value Woes? (Target Journal: *MIS Quarterly Executive*) ...80% complete
4. Bichescu, B., Bradley R.V., and Wu, W. The Impact of Electronic Medical Record Capability on Hospital Performance (Target Journal: *Management Science*)
5. Bradley, R. V., Liang, H., Xue, Y., Byrd, T. A. An Assessment of the Impression of Cultural Synergy on IT Governance and Strategic Alignment: The Mediating Role of an Entrepreneurial Corporate Culture (Target Journal: *Information Systems Research*)...75% complete
6. Pridmore, J., Byrd, T. A., and Bradley, R. V. Users' Perspectives after the Implementation of an ERP System: A Case Study and Analysis (Target Journal: *Communications of the Association for Information Systems*)...75% complete

7. Outlay, C. N., Pratt, M. E., and Bradley, R. V. The Influence of Psychological Contracts, Team Identification, and Organizational Identification on Workplace Attitudes of IS Employees (Target Journal: *Academy of Management Journal*)...40% complete
8. Lynch, A. Bradley, R. V., and Tremblay, M. The Role of IT Governance in Achieving EMR Sophistication (Target Journal: *MIS Quarterly*)...30% complete
9. Lang, T. and Bradley, R. V. An In-depth Analysis of Cost Structures in U.S. Hospitals and Their Impact on Operational Performance (Target Journal: *Journal of Operations Management*)...30% complete
10. Bradley, R. V., Oswald, S., and Pratt, R. M. E. IT Infrastructure Flexibility and Strategic Agility in Healthcare Organizations: An Empirical Analysis of the Mediating Role of Strategic Alignment and the Moderating Role of Cultural Strength (Target Journal: *Strategic Management Journal*)...25% complete
11. Bradley, R. V. and Byrd, T. A. Theoretical Analysis of the Information Technology Architecture as a Competitive Advantage-Yielding IT Resource (Target Journal: *Information Systems Research*)...20% complete

CONFERENCE PROCEEDINGS AND PRESENTATIONS

1. Bichescu, B., Bradley R.V., and Wu, W. The Impact of EMR Capability on Hospital Performance, Presented at the **INFORMS Annual Meeting**, Austin, TX, November 2011.
2. Exploring the Relationships among Corporate Entrepreneurship, IT Governance, and Risk Management, Forthcoming at the **44th Hawaii International Conference on Systems Sciences**, Kauai, HI, January 2011.
3. Bichescu, B, Bradley, R. V., and Wu, W. The Effects of IT-based Scheduling Applications on Hospital Performance, Presented at the **INFORMS Southern Regional Meeting**, Huntsville, AL, April 2010.
4. Outlay, C. N., Pratt, M. E., and Bradley, R. V. The Influence of Psychological Contracts, Team Identification, and Organizational Identification on Workplace Attitudes of IS Employees, Presented at the **Decision Sciences Institute Annual Meeting**, New Orleans, LA, November 2009.
5. Bradley, R. V., Sankar, C. S., Pridmore, J. L., and Mbarika, V. An Innovative Instructional Approach for Improving Students' Teaming and Dynamic Decision-Making Skills and Attitudes Towards MIS, Presented at the **Decision Sciences Institute Annual Meeting**, Baltimore, MD, November 2008.
6. Bradley, R. V., Byrd, T. A., Ross, J. W., An Assessment of the Impression of Cultural Synergy on IT Governance and Strategic Alignment: The Mediating Role of an

Entrepreneurial Corporate Culture, Presented at the **Decision Sciences Institute Annual Meeting**, Phoenix, AZ, November 2007.

7. Bradley, R. V., Sankar, C. S., and Mbarika, V. An Innovative Instructional Approach for Improving Students' Teaming and Dynamic Decision-Making Skills and Attitudes Towards MIS, Presented at the **Decision Sciences Institute Annual Meeting**, Phoenix, AZ, November 2007.
8. Bradley, R. V. and Byrd, T. A. Contextualizing Swanson's Tri-core Model in the Health Care Domain, Presented at the **Decision Sciences Institute Annual Meeting**, San Antonio, TX, November 2006.
9. Bradley, R. V., Mbarika, V., and Sankar, C. S. Using Multimedia Case Studies to Improve Teaming and Dynamic Decision-Making Skills, Presented at the **Decision Sciences Institute Annual Meeting**, San Antonio, TX, November 2006.
10. Bradley, R. V. A Day in the Life of an Assistant Professor, Presented at the **Ph.D. Project Conference**, Chicago, IL, November 2006.
11. Bradley, R. V. and Byrd, T. A. Information Technology Architecture as a Competitive Advantage-Yielding IT Resource: A Theoretical Perspective, *Proceedings of the Twelfth Americas Conference on Information Systems*, Acapulco, Mexico, August 2006.
12. Bradley, R. V., Sankar, C. S., Clayton, H. R., Raju, P. K., and Mbarika, V. An Empirical Investigation of the Impact of GPA on Perceived Improvement of Higher-Order Cognitive Skills, *Proceedings of the Eleventh Americas Conference on Information Systems*, Omaha, Nebraska, August 2005.
13. Kifle, M., Mbarika, V., and Bradley, R. V. The Role of Telemedicine in the Development of Healthcare Services in Ethiopia: Potential Benefits and Challenges, *Proceedings of the IFIP WG 9.4 Eighth International Conference on Social Implications of Computers in Developing Countries*, Abuja, Nigeria, May 2005.
14. Bradley, R. V., Roberts, J., and Heck, A. K. Benefits and Limitations of Using Multimedia Instructional Materials, *Proceedings of the Troy University Business Research Symposium*, Destin, FL, February 2005.
15. Bradley, R. V., Pridmore, J., and Byrd, T. A. Examining the DeLone and McLean Model of Information Systems Success in the Context of Different Corporate Cultural Types: An Empirical Investigation, Presented at the **35th Annual Meeting of the Decision Sciences Institute**, Boston, MA November 2004.
16. Bradley, R. V. and Marshall, T. An Infrastructure Paradigm for the Facilitation of Collaboration between Members of Distributed Teams, *Proceedings of the International Association for Computer Information Systems*, Cancun, Mexico, October 2004.

17. Bradley, R. V., Sankar, C. S., Clayton, H. R., and Raju, P. K. Using Multimedia Instructional Materials to Assess the Validity of Imposing GPA Entrance Requirements in Colleges of Business: An Empirical Examination, *Proceedings of the Information Resources Management Association International Conference*, New Orleans, LA, May 2004.
18. Bradley, R. V. Multimedia Instructional Materials and the Non-Traditional Learner, Presented at the **Laboratory for Innovative Technology and Engineering Education (LITEE) Workshop**, Auburn, AL, April 2004.
19. Bradley, R. V., Pridmore, J., and Prince, B. J. A Preliminary Evaluation of Using LITEE Multimedia Instructional Materials in a Non-Traditional Graduate Information Technology Course, *Proceedings of the Seventh Annual Conference of the Southern Association for Information Systems*, Savannah, GA, February 2004.
20. Bradley, R. V. and Roberts, J. Using LITEE Multimedia Instructional Materials to Convey Managerial and Information Technology Concepts in Accounting, Finance, and Information Systems Courses, *Proceedings of the Troy State University System-Wide Business Symposium*, Troy, AL, February 2004.
21. Bradley, R. V. and Sankar, C. S. Outcomes Assessment: Electronic Surveys Versus Paper-Based Surveys, *Proceedings of the Southeastern Section of the American Society For Engineering Education*, Macon, GA, April 2003.
22. Snyder, C. A., McManus, D. J., and Bradley, R. V. Electronic Performance Support Systems: The Case for Uses and Measures, *Proceedings of the Sixth Annual Conference of the Southern Association for Information Systems*, Savannah, GA, March 2003.
23. Prince, B. J., Sivel, J. P., Bradley, R. V., and Cegielski, C. Is Open Source Software a Diffusible Product?, *Proceedings of the Sixth Annual Conference of the Southern Association for Information Systems*, Savannah, GA, March 2003.
24. Bradley, R. V. and Mbarika, V. LITEE E-Survey and Database Project to Measure Multimedia Learning, Presented at the **Laboratory for Innovative Technology and Engineering Education (LITEE) Workshop**, Auburn, AL, February 2003.
25. Bradley, R. V., Chung, S. H., and Snyder, C. A. The Impact of the Law on Information Technology Diffusion: A Conceptual Study, *Proceedings of the Fifth Annual Conference of the Southern Association for Information Systems*, Savannah, GA, March 2002.

LEADERSHIP AND PROFESSIONAL SERVICE

University

Faculty Advisor, University of Tennessee National Association of Black Accountants (NABA) Student Chapter, 2008-present

Faculty Advisor, University of Tennessee Love United Gospel Choir, 2009-present

Department of Accounting and Information Management Human Subjects Review Committee

Department of Accounting and Information Management Committee to Expand the Role of Beta Alpha Psi
College of Business Administration Technology Committee
College of Business Administration Representative/Recruiter, NABA National Meeting, New Orleans, LA, 2009
College of Business Administration Representative/Recruiter, Ph.D. Project Conference, Chicago, IL, 2006-2009
The University of Tennessee Commission for Blacks, 2007-present

National

Editorial Review Advisory Board, *Journal of Organizational and End User Computing*, 2008-present
Editorial Review Board, *Decision Sciences Journal of Innovative Education*, 2008-present
Decision Sciences Institute Member Services Committee, 2007-2009
Faculty Advisor, Ph.D. Project Information Systems Doctoral Student Association, 2006-2010
Vice-Chair, Association for Information Systems Special Interest Group on Enterprise Systems, 2009-present
Track Co-Chair, Enterprise Systems, Americas Conference on Information Systems, 2009-2010
Mini-Track Co-Chair, Enterprise Systems Architecture & Technology Mini-Track, Americas Conference on Information Systems, 2006-2008
Session Chair, Technology in the Classroom, Decision Sciences Institute Annual Meeting, 2006-2008
Immediate Past President, Ph.D. Project Information Systems Doctoral Student Association, 2005-2006
President, Ph.D. Project Information Systems Doctoral Student Association, 2004-2005
Vice President, Ph.D. Project Information Systems Doctoral Student Association, 2003-2004
Mini-Track Co-Chair, Enterprise Architecture Mini-Track, Americas Conference on Information Systems, 2006
Session Chair, IT in Education Mini-Track, Americas Conference on Information Systems, 2005
Track Chair, Computer Information Systems, Troy University Business Research Symposium, 2005
Paper Discussant, Computer Information Systems Track, Troy University Business Research Symposium, 2003
Representative, Auburn University College of Business, Ph.D. Project Conference, Chicago, IL, 2002-2005

Ad hoc Reviewer, *Communications of the AIS*
Ad hoc Reviewer, *IEEE Transactions on Engineering Management*
Ad hoc Reviewer, *Information Technology and People*
Ad hoc Reviewer, *Journal of Management Information Systems*
Ad hoc Reviewer, *Journal of STEM Education: Innovations and Research*

Ad hoc Reviewer, *Journal of Strategic Information Systems*
Ad hoc Reviewer, *Management Information Systems Quarterly*

AWARDS AND RECOGNITION

The Jocelyn Milton Outstanding Faculty and Staff Award Nominee, 2009-2010
Participant in the ICIS Junior Faculty Consortium, Phoenix, AZ, 2009
Inducted into the PhD Project Information Systems Doctoral Student Association Circle of Compadres, 2008
William Holley Outstanding Doctoral Student Award, 2005-2006
Outstanding College of Business Minority Graduate Student Award, 2005-2006
Laboratory for Innovative Technology and Engineering Education Research Fellow, 2002-2006
Southern Regional Education Board Doctoral Scholar Fellowship, 2001-2005
Participant in the DSI Doctoral Student Consortium, Boston, MA, 2004
ASM Outstanding MIS Doctoral Student Instructor, 2003-2004
Office of Multicultural Affairs Outstanding Graduate Student, 2002-2003
ASM Outstanding MIS Doctoral Student Instructor, 2002-2003
ASM Outstanding MIS Doctoral Student Instructor, 2001-2002
National Collegiate Minority Leadership Award, 2000-2001
Outstanding Graduate Student Award Nominee, 2000-2001
Outstanding Minority Graduate Student Award Nominee, 2000-2001

PROFESSIONAL AFFILIATIONS

American Accounting Association
Association for Information Systems
Decision Sciences Institute
Healthcare and Information Management Systems Society
National Association of Black Accountants
Ph.D. Project
Southern Regional Education Board

CERTIFICATIONS

Oracle SQL and PL/SQL
Oracle Architecture and Administration
Oracle Backup and Recovery
Oracle Network Administration