

**John Seydel, Ph.D.**

Jonesboro, Arkansas

eMail: [jseydel@astate.edu](mailto:jseydel@astate.edu)[www.jraSystems.us/~jseydel](http://www.jraSystems.us/~jseydel)**Education**

Ph.D.	Business Analysis*	<a href="#">Texas A&amp;M University</a>	1991
M.B.A.	Quantitative Methods	<a href="#">Boise State University</a>	1982
B.S.	Architectural Engineering	<a href="#">University of Colorado</a>	1970

\*Management Science / Operations Management (minors in Management Information Systems and Statistics)

**Academic Experience**

May 2011 and May-June 2017:

***Shandong University of Economics & Finance (China)***

Department of Computer &amp; Information Engineering

Visiting Professor

May 2009:

***University of Caen (France)***

IAE Centre Franco Américain

Visiting Professor of Information Systems

January 2008 - Present:

***Arkansas State University***

Information Systems &amp; Business Analytics Department

Professor of Information Systems &amp; Business Analytics

July 2006 - December 2007:

***Arkansas State University***

Computer &amp; Information Technology Department

Department Chair

Professor of Computer &amp; Information Technology

July 2000 - June 2006:

***Arkansas State University***

Computer &amp; Information Technology Department

Department Chair

Associate Professor of Computer &amp; Information Technology

August 1995 - June 2000

***Arkansas State University***

Economics &amp; Decision Sciences Department

Assistant Professor of Decision Sciences

July 1990 through July 1995

***The University of Mississippi***

Department of Management &amp; Marketing

Assistant Professor of Management Science

August 1980 through July 1982

***Texas A&M University***

Department of Business Analysis & Research

Part-time Lecturer / Teaching Assistant / Research Assistant / Grader

August 1980 through July 1982

***Boise State University***

Department of Information Systems & Production Management

Lecturer / Research Associate

## **Other Significant Work Experience**

January 1972 through July 1985

***Seydel Design & Construction***

McCall, Idaho

General Manager

March 1970 through February 1971 (active duty; then reserve status through 1978)

***United States Army***

Field Artillery Officer

## **Awards**

***Distinguished Service Award***, Southwest Decision Sciences Institute, 2017.

***Excellence in Internal Service*** award, ASU College of Business, 2010.

***Finalist: Best Application Paper*** (with Y. Choi), Decision Sciences Institute Annual Meeting, 1996.

***Chapter Chairman's Award for Outstanding Service***, Society of Manufacturing Engineers, 1993.

***Best Paper (Methodological Areas)*** award, Western Decision Sciences Institute, 1992.

***Decision Sciences Institute Dissertation Competition*** winner, 1991.

***Distinguished Paper (Decision Sciences)*** award, Federation of Business Disciplines, 1990.

## **Publications**

### ***Books and Related***

*Programming Fundamentals Using Visual C#.Net: A Business Context*. Jonesboro, AR: Self-published, 2020 (in progress).

Online course *Business Information Continuity* (course CYBER 176-W), from ACTOnline Cyber Security Training, [www.teexwmdcampus.com/index.k2](http://www.teexwmdcampus.com/index.k2), 2008. (This course was developed in conjunction with a University of Memphis grant from the Department of Homeland Security and is thus certified by DHS; my role was to serve as an evaluator/reviewer and to develop questions for the assessment modules.)

Online supplement for *Operations Management (5ed)*, Krajewski, L., & L. Ritzman, Upper Saddle River, NJ: Prentice-Hall, 2002, with S. Replogle & F. Moeeni.

Online supplement for *Operations Management (6ed)*, Heizer, J., & B. Render, Upper Saddle River, NJ: Prentice-Hall, 2001, with S. Replogle & F. Moeeni.

### ***Journals***

"The Application of the Sustainability Balanced Scorecard for Sustainable Organizational Strategic Management", being submitted to *World Development*, with N. Sha (primary investigator) & Q. Yu.

"Understanding Users' Recommendation Intentions for Shared Bike Services: A Social Exchange Theory Perspective", *International Journal of Sustainable Transportation*, Vol. 13 (2019), with L. Ma (primary investigator), X. Zhang, & X.Y. Ding.

"Channel Performance under Vendor Managed Inventory and Retailer Managed Inventory Environments", being submitted to *Industrial Management and Data Systems*, with X. Wang.

"Gender Equity and Student Loans in Returns on Investment of American Higher Education: Are Female Students at a Disadvantage in the US?", *International Journal of Sociology of Education*, Vol. 6 (2017) Issue 2, pp. 216-243, with Q. Yu, A. Saleh, & S. Leslie.

"Where IT Outsourcing Is and Where It Is Going: A Study Across Functions and Department Sizes", *Journal of Computer Information Systems*, Vol. 46 (2006) Issue 3, pp. 96-103, with K. Fish (primary investigator).

"Data Envelopment Analysis for Decision Support", *Industrial Management & Data Systems*, Vol. 106 (2005) Issue 1, pp. 81-95.

"B2C eCommerce Website Quality: An Empirical Examination", *Industrial Management & Data Systems*, Vol. 105 (2005) Issue 5, pp. 645-661, with M. Cao & Q. Zhang.

"Supporting the Paradigm Shift In Vendor Selection: Multicriteria Methods for Sole-Sourcing", *Managerial Finance*, Vol. 31 (2005) Issue 3, pp. 49-66.

"Evaluating & Comparing Bidding Optimization Effectiveness", *Journal of Construction Engineering & Management*, Vol. 129 (2003) Issue 3, pp. 285-292.

"The Impact of Deregulation on Electric Utility Information Systems", *Communications of the IIMA*, Vol. 2 (2002) Issue 4, pp. 61-75, with N. Hawkins.

"XML Adoption and Usage in Arkansas", *Communications of the IIMA*, Vol. 2 (2002) Issue 1, pp. 61-73, with D. Williams.

"Multicriteria Support for Construction Bidding", *Mathematical & Computer Modelling*, Vol. 2 (2001), pp. 677-702, with D. Olson.

"Change in Education: A Practical Look at Web Instruction", *American Association of Behavioral and Social Sciences Journal* (accepted November 1999), with S. Corder.

"Change in Education: A Practical Look at Web Instruction", *AABSS Perspectives Journal*, Vol.2, No.1, (Fall 1999), available at <http://employees.csbsju.edu/jmakepeace/Perspectives99>, with S. Corder.

"Affirmative Action: The Facts, The Myths, and The Future", *Employee Responsibilities and Rights Journal*, Vol.11, No.2 (Spring 1998), pp. 99-115, with R. Robinson & C. Douglas.

"Competitive Intelligence and Group Decision Support Systems", *Competitive Intelligence Review*, Vol. 6 (Summer 1995), pp. 62-66, with M. Aiken & D.Hawley.

"In re Birmingham Reverse Discrimination Employment Litigation: Defining the Limits of Preferential Promotion", *Labor Law Journal*, Vol. 46 (March 1995), pp. 131-141, with R. Robinson & H. Sloan.

"Bids Considering Multiple Criteria", *Journal of Construction Engineering & Management*, Vol. 116 (December 1990), pp. 609-623, with D. Olson.

### ***Proceedings***

"Revised Loan Payback Model for Gender Inequity", *Proceedings of the Southwest Decision Sciences Institute 2019 Annual Meeting*, Houston, TX (March 2019), with Q. Yu (primary investigator).

"Gender Gap and Employment in STEM Disciplines (Abstract)", *Proceedings of the Southwest Decision Sciences Institute 2019 Annual Meeting*, Houston, TX (March 2019), with Q. Yu (primary investigator).

"Airline Overbooking Exercise: Teaching Decision-Making (Abstract)", *Proceedings of the Decision Sciences Institute 2018 Annual Meeting*, Chicago, IL (November 2018), with M. Chen & Y. Liu.

"Airline Overbooking Model: Then and Now (Abstract)", *Proceedings of the Southwest Decision Sciences Institute 2018 Annual Meeting*, Albuquerque, NM (March 2018), with M. Chen & C. Gao.

"Modeling Pitfalls when Simulating Human Behavior (Abstract)", *Proceedings of the Southwest Decision Sciences Institute 2017 Annual Meeting*, Albuquerque, NM (March 2018), with F. Moeeni (primary investigator) & K. Yanowitz.

"Teaching Coding That Targets Multiple Platforms (Abstract)", *Proceedings of the Decision Sciences 2017 Annual Meeting*, Washington, DC (November 2017).

"Gender Equity and Student Loans in Returns on Investment of American Higher Education: Are Female Students at a Disadvantage in the US?", *Proceedings of the American Educational Research Association 2017 Annual Conference*, Atlanta, GA (April 2017), with Q. Yu (primary investigator), A. Saleh, & S. Leslie.

"Conflicting Objectives in the Classroom", *Proceedings of the Southwest Decision Sciences Institute 2017 Annual Meeting*, Little Rock, AR (March 2017), with Q. Yu.

"Modeling Impatience: Relevancy of the Decision under Uncertainty Theories (Abstract)", *Proceedings of the Southwest Decision Sciences Institute 2017 Annual Meeting*, Little Rock, AR (March 2017), with F. Moeeni (primary investigator) & K. Yanowitz.

"A Literature Review and Future Research on the Sustainability Balanced Scorecard (Abstract)", *Proceedings of the Decision Sciences Institute 2016 Annual Meeting*, Austin, TX (November 2016), with N. Sha (primary investigator) & Q. Yu.

"Software Usage among Small Building Construction Firms (Abstract)", *Proceedings of the Decision Sciences Institute 2016 Annual Meeting*, Tampa, FL (November 2014), with L. Li.

"Awarding Scholarships: There's an App for That!", *Proceedings of the Southwest Decision Sciences Institute 2013 Annual Meeting*, Albuquerque, NM (March 2013), with Q. Yu.

"Using Automatic Identification and Data Capture Technology for Improving Efficiency in Virtual Organizations Created by Tourism Supply Chains", *Proceedings of the Southwest Decision Sciences Institute 2013 Annual Meeting*, Albuquerque, NM (March 2013), with X. Wang, Y. Ge, F. Moeeni, Q. Zhang, and A. Syamil.

"A Decision Support Framework for Business Coursework", *Proceedings of the Southwest Decision Sciences Institute 2012 Annual Meeting*, New Orleans, LA (March 2012).

- "Data Mining Across the Business Curriculum", *Proceedings of the Southwest Decision Sciences Institute 2012 Annual Meeting*, New Orleans, LA (March 2012), with C. Le.
- "The Potential of RDF/RDFa for eCommerce Applications", *Proceedings of the Southwest Decision Sciences Institute 2011 Annual Meeting*, Houston, TX (March 2011, in press), with J. Hines.
- "Assessing Technology Skills of Business Students", *Proceedings of the Southwest Decision Sciences Institute 2010 Annual Meeting*, Dallas, TX (March 2010), with K. Fish, J. Sinclair, & R. Segall.
- "OpenOffice.org: When Will It Be Ready for Prime Time?", *Proceedings of the Southwest Decision Sciences Institute 2009 Annual Meeting*, Oklahoma City, OK (February 2009).
- "Measuring eCommerce Website Quality: An Empirical Examination", *Proceedings of the Americas Conference on Information Systems*, Vol. 35 (August, 2004), with M. Cao & Q. Zhang.
- "Data Envelopment Analysis for Decision Support: An Application to Vendor Selection", *Proceedings of the Southwest Decision Sciences Institute 2004 Annual Meeting*, Orlando, FL (March 2004), pp. 374-383.
- "Telecommunications and Electronic Commerce Impact on Electronic Data Interchange and Supply Chain Management in Northeast Arkansas", *Proceedings of the Southwest Decision Sciences Institute 2000 Annual Meeting*, San Antonio, TX (March 2000), pp. 110-112, with R. Segall.
- "Goal Programming Model for Construction Bidding", *Proceedings of the Decision Sciences Institute 1999 Annual Meeting*, New Orleans, LA (November 1999), pp. 875-877.
- "Supply Chain Management via Electronic Commerce", presented at, and included in the *Proceedings of the 5th World Multiconference on Systemics, Cybernetics, & Informatics*, Orlando, FL (August 1999), pp. 126-130, with R. Segall.
- "A Comparison of Internet Based Lecture Approaches", *Proceedings of the Southwest Decision Sciences Institute 1999 Annual Meeting*, Houston, TX (March 1999), pp. 164-166, with S. Corder & R. Ruby.
- "A Methodology for Evaluating & Comparing Bidding Optimization Effectiveness", *Proceedings of the Southwest Decision Sciences Institute 1999 Annual Meeting*, Houston, TX (March 1999), pp. 126-128.
- "Combining Queues: Does It Lead to Improved Service", *Proceedings of the Decision Sciences Institute 1998 Annual Meeting*, Las Vegas, NV (November 1998), pp. 1538-1540.
- "Evaluating and Improving Teaching via Data Envelopment Analysis", *Proceedings of the Decision Sciences Institute 1997 Annual Meeting*, San Diego, CA (November 1997), pp. 891-893.
- "The Future of Preferential Treatment Programs in an Increasingly Diverse Society: Examining the Implications of Recent Federal Affirmative Action Rulings", *Southwest Academy of Legal Study in Business Proceedings*, New Orleans, LA (March 1997), pp. 135-137, with R. Robinson & C. Douglas.
- "Information System Centralization/Decentralization in Hospitals", *Proceedings of the of the Decision Sciences Institute 1996 Annual Meeting*, Orlando, FL (November 1996), pp. 850-852 (**finalist** for best application paper award), with Y. Choi & F. Wiebe.
- "A Knowledge Editor for Inventory Control", *Proceedings of the Decision Sciences Institute 1995 Annual Meeting*, Boston, MA (November 1995), pp. 789-791, with M. Bsath, S. Conlon, & E.

Gillenwater.

"Modelling Electric Utility Capacity Expansion Using an Additive Model", *Proceedings of the Southwest Decision Sciences Institute 1995 Annual Meeting*, Houston, TX (March 1995), pp. 678-680.

"Simulation Model for Competitive Bidding in Construction", *Proceedings of the 1994 Winter Simulation Conference*, Orlando, FL (December 1994), pp. 1439-1442.

"INVOL -- A Model-Based Expert System for Inventory Control", *Proceedings of the Decision Sciences Institute 1994 Annual Meeting*, Honolulu, HI (November 1994), pp. 456-458, with M. Bsat.

"Comparison of Methods for Determining Acceptance Probabilities for Use in Competitive Bidding Optimization," *Proceedings of the Decision Sciences Institute 1993 Annual Meeting*, Washington, DC (November 1993), pp. 1234-1236.

"Proposed Methodology for Supply Curve Estimation: An Application to Cogeneration and Small Power Production", *Proceedings of the Western Decision Sciences Institute 1993 Annual Meeting*, San Diego, CA (March 1993), pp. 184-186, with B. McGrath & E. Gill.

"Using Artificial Neural Networks to Assist in Determining Optimal Bids", *Proceedings of the Decision Sciences Institute 1992 Annual Meeting*, San Francisco, CA (November 1992), pp. 901-903, with L. Caporaletti.

"Sensitivity of Competitive Bidding Results to Distributional Assumptions", *Proceedings of the Western Decision Sciences Institute 1992 Annual Meeting*, Reno, NV (March 1992), pp. 627-629 (**winner** of best paper award in the methodological areas).

"An AHP-Based System to Support Construction Bidding with Multiple Objectives", *Proceedings of the Decision Sciences Institute 1991 Annual Meeting*, Miami Beach, FL (November 1991), pp. 1132-1134, with David L. Olson.

"A Neuronal Paradigm for the Analysis of the Multicriteria Decision Making Problem", *Proceedings of the Decision Sciences Institute 1991 Annual Meeting*, Miami Beach, FL (November 1991), pp. 600-602, with L. Caporaletti & J. Johnson.

"Developing a Simulation for Competitive Bidding in Construction", *Proceedings of the Southwest Decision Sciences Institute 1991 Annual Meeting*, Houston, TX (March 1991), pp. 88-90.

"An Investigation into Bid Acceptance Probabilities and their Distributions," *Proceedings of the Decision Sciences Institute 1990 Annual Meeting*, San Diego, CA (November 1990), pp. 220-222.

"Using the Analytic Hierarchy Process to Determine Optimal Markup Amounts in Competitive Bidding Situations Considering Multiple Criteria", *Proceedings of the Southwest Decision Sciences Institute 1990 Annual Meeting*, Dallas, TX (March 1990), pp. 79-81 (**winner** of distinguished paper award), with David L. Olson.

"Effects of Long-Term Levelized Contracts for Cogeneration and Small Power Production", *Proceedings of the Western Decision Sciences Institute 1986 Annual Meeting*, Palm Springs, CA (March 1986), with B. McGrath & E. Gill.

### **Grants and Contracts**

aState College of Business, summer research grant for developing textbook "Programming Fundamentals Using Visual C#.Net: A Business Context", Principal Investigator, \$10,000, 2016.

International Business Resource Center, "Cross-Cultural Examination of Successful Web Interface Designs", Principal Investigator, \$2,000, 2005.

Horizon Institute for Technology, "Skillset Needs for MIS Graduates", Co-investigator, \$5,000, 2004 (with Kelly Fish, Principal Investigator).

ASU Academic Computing Advisory Committee, "Acquisition of Classroom Demonstration Software", Principal Investigator, \$800, 1996.

University of Mississippi Business Alumni Association, "Developing a Simulation for Competitive Bidding in Construction", Principal Investigator, \$3,000, 1991.

Texas A&M University Center for Mineral and Energy Resources, "Modelling Considerations for the Electric Utility Plant Sizing Decision", Principal Investigator, \$10,800, 1989, with B. Flores & D. Olson.

Idaho Power Company, "The Economic Effects and Public Policy Implications of Cogeneration and Small Power Production in Idaho", Research Assistant, \$50,000, 1985, with B. McGrath & E. Gill.

### ***Other Publications and Software***

"Intranet-Based Logistics App". Helping Neighbors Food Pantry, Jonesboro, AR (2012)

"Henry Books: Prototype Web-Enabled Database Application". Arkansas State University. [www.suse1.astate.edu/~bozo\\_b/HenryBooks](http://www.suse1.astate.edu/~bozo_b/HenryBooks) (2010).

"Web-Enabled Database Application for Managing Grad Student Data". ASU College of Business. [www.suse1.astate.edu/~business](http://www.suse1.astate.edu/~business) (2009).

"Online Portal". The APPLE Group for Dyslexia. [www.TheAPPLEGroupForDyslexia.org](http://www.TheAPPLEGroupForDyslexia.org) (2008).

"ASU Alumnus Enabling eBusiness", *Business Connection*, publication of ASU College of Business (Spring/Summer 2001), p. 7.

"MBA Students Study eCommerce", *Business Connection*, publication of ASU College of Business (Spring/Summer 2001), p. 4.

"Business Computing Labs ? Upgraded for Better Service", *BAC Talk*, publication of ASU College of Business (Fall 1998).

"Tools Available for Building Web Pages", *AITP Newsletter*, publication of ASU College of Business (March 1998).

"Drop-Wire Scheduling System", for Trilogy Communications in Pearl, MS (January 1996), with N. Womer.

### **Presentations (most listed also in Proceedings above)**

"Airline Overbooking Model: Then and Now", Southwest Decision Sciences Institute 2018 Annual Meeting, Albuquerque, NM (March 2018), with M. Chen & C. Gao.

"Modeling Pitfalls when Simulating Human Behavior", Southwest Decision Sciences Institute 2017 Annual Meeting, Albuquerque, NM (March 2018), with F. Moeeni (primary investigator) & K. Yanowitz.

"Teaching Coding That Targets Multiple Platforms", Decision Sciences 2017 Annual Meeting, Washington, DC (November 2017).

"Conflicting Objectives in the Classroom", Southwest Decision Sciences Institute 2017 Annual Meeting, Little Rock, AR (March 2017), with Q. Yu.

"Modeling Impatience: Relevancy of the Decision under Uncertainty Theories", Southwest Decision Sciences Institute 2017 Annual Meeting, Little Rock, AR (March 2017), with F. Moeeni (primary investigator) & K. Yanowitz.

"Sustainability Balanced Scorecard: A Lit Review", Decision Sciences Institute 2016 Annual Meeting, Boston, MA (November 2016), with N. Sha (primary investigator) & Q. Yu.

"Simulation Model for Evaluating Vendor-Managed Inventory Practices", Decision Sciences Institute 2015 Annual Meeting, Seattle, WA (November 2015), with X. Wang & F. Moeeni.

"Data Automation and the Tourism Supply Chain", Decision Sciences Institute 2015 Annual Meeting, Seattle, WA (November 2015), with F. Moeeni (primary investigator).

"Software Usage among Construction Firms", Decision Sciences Institute 2014 Annual Meeting, Tampa, FL (November 2014).

"Improving IT/IS Subject Matter Knowledge: the Case for On-the-Job Sabbaticals", Decision Sciences Institute 2011 Annual Meeting, Boston, MA (November 2011).

"Assessing Technology Skills of Business Students", Decision Sciences Institute 2009 Annual Meeting, New Orleans, LA (November 2009).

"Web Technology Choices for eCommerce", guest lecture delivered June 2008 to undergraduate students of the Department of Computer & Information Engineering at the Shandong University of Finance (Jinan, Shandong Province, China).

"Approaching Electronic Commerce Decision-Making from a Multicriteria Perspective: Websites", guest lecture delivered June 2008 to faculty and graduate students of the Department of Computer & Information Engineering at the Shandong University of Finance (Jinan, Shandong Province, China).

"LP, Excel, and Merit (Oh no!), w/Apologies to Frank Baum", CIT Research/Teaching Seminar Series, September 2006, in Jonesboro, AR.

"Using FrontPage 98 to Create an Academic Web Site", MidAmerica Education for Business Conference, February 1999, in Jonesboro, AR.

"Guidelines for Web Supported Education", MidAmerica Education for Business Conference, February 1998, in Jonesboro, AR.

"Beyond E-Mail: Using Discussion Lists and the Worldwide Web to Support Classroom Instruction", MidAmerica Education for Business Conference, February 1997, in Jonesboro, AR.

"Using E-Mail to Enhance Learning and Instruction", MidAmerica Education for Business Conference, February 1996, in Jonesboro, AR.

"Simulating the Interface Between Forests and the Economy in the Pacific Northwest," TIMS/ORSA Joint National Meeting, April 1994, in Boston, MA, .

"An Additive Model for Electric Utility Capacity Expansion Based On Inventory Theory," TIMS/ORSA Joint National Meeting, May 1990, in Las Vegas, NV.



## Research in Progress

"Airline Overbooking Model: Then and Now". A simple model, based on the literature, is presented in this paper and demonstrated both analytically and through an Excel-based simulation model. That model is then modified to represent a simple version of the current overbooking decision. The models are compared analytically, and through Monte Carlo methods. Ultimately, the goal of this research is to develop an understanding of why overbooking persists in spite of the apparent lack of justification given pre-paid ticket sales.

"Software Usage among Construction Firms" surveying the various types of software currently in use by small and medium sized construction firms across various regions of the US, as well as in China. The purpose is to identify opportunities for applications development that might improve efficiency among construction firms; to be submitted to *Journal of Construction Engineering and Management*

"Applying DEA to the Evaluation of University Teaching Faculty", to be submitted to *Journal of Productivity Measurement*

"New Software Releases: When to Upgrade and When Not", to be submitted to *Journal of Organizational and End User Computing*.

"Using Multicriteria Approaches for Selecting Winners in Construction Bidding", to be submitted to *Journal of Construction Engineering & Management*.

## Professional Activities and Service

***Association for Information Systems, Member 2007 - 2010***

***Association of Information Technology Professionals, Member 2009 - Present***  
Faculty Advisor

***Decision Sciences Institute, Member 1990 - Present***

Program Committee 2011 - 2012

Have also served at annual meetings as: reviewer, discussant, session chair

***Southwest Decision Sciences Institute, Member 1990 - Present***

Track Chair (Management 2013, Marketing 2014 - 2015, Big Data / IoT 2016 - 2018)

Member of various committees, including Outstanding Educator Award and SWDSI Officer Nominations)

Have also served at annual meetings as: reviewer, discussant, session chair

Webmaster, 2008 - 2013

Advisory Council member 2016 - Present

Vice President for Student Liaisons, 1999 - 2002

Vice President / Program Chair, 2003 - 2004

President-Elect, 2004 - 2005

President, 2005 - 2006

Past-President, 2006 - 2007

***Society of Manufacturing Engineers, Member, 1991 - 2007***

Chairman, Northwest Mississippi Chapter, 1994 - 1995

Secretary, Northwest Mississippi Chapter, 1993 - 1994

Treasurer, Northwest Mississippi Chapter, 1992 - 1993

***Arkansas State University 1995 - Present***

- Workshops conducted
  - Incorporating Technology into QM Courses
  - Instructional Website Development
  - P-Mail: Basics and a Little Beyond
  - Surfing the Internet (with S. Corder)
- University committees
  - Faculty Handbook
  - Building & Grounds
- College of Business committees
  - Executive (2000 - 2007)
  - Planning (2000 - 2009, 2013 - Present)
  - Promotion, Retention, & Tenure
  - Technology (Chair 1998 - 2000)
  - Technology Goal Assessment
  - Critical Thinking Goal Assessment
  - International Business
  - Student Infrastructure Planning (Advisor)
  - Undergraduate Curriculum (Chair 1998 - 2000, 2013 - Present)
- Other
  - Administrator, Business Computer Labs (1997 - 1999)
  - Advisor, Association of Information Technology Professionals (2008 - Present)
  - CIT Department curriculum committee
  - CIT Department Promotion, Retention Committee (Chair 2008 - 2009)
  - CIT Department website administrator (1998 - 2005)
  - College of Business data management administrator (2008 - 2010)
  - MIS Internship Coordinator (1998 - 2004)

### ***Miscellaneous Community and Professional Activities***

AITP Intermediate Web Page Development Workshop  
 Information automation application for Helping Neighbors Food Pantry, Jonesboro, AR (2010)  
 Crowley's Ridge Girl Scout Council 1997 Survey Report  
 Starter website for The APPLE Group for Dyslexia, Jonesboro, AR (2008)  
 Intranet-based logistics application for Helping Neighbors Food Pantry, Jonesboro  
 NEACTC Mobile Apps Development & Unmanned Aerial Vehicles Advisory Group  
 External reviewer on applications for promotion to full professor (Slinkman, Landry, Malhotra)

### ***Paid Consultancies***

Intermediate Excel Workshop (for Stephens, Inc., Little Rock: 2008, 2009)  
 Visual Basic Custom Course (for Green County Technical Center)  
 CPIM Review Workshops (for Northeast Arkansas APICS)  
   Systems & Technologies  
   Materials & Capacity Requirements Planning  
   Production Activity Control  
 Trilogy Communications: Production Scheduling (software development)

## **Courses Taught**

### ***Undergraduate Level:***

Business Statistics (first & second courses)  
 Database Management  
 eCommerce Technologies  
 Intermediate Programming (C#)  
 Introduction to Management Science

Linux Administration Basics  
Management Information Systems  
Manufacturing Planning & Control  
Microcomputer Applications  
Operations Management  
Programming Fundamentals (C#)  
Visual Basic Programming (first & second courses)  
Website Development & Management

### ***Graduate (M.B.A. and Ph.D.) Level***

Applied Statistical Methods  
Decision Modeling & Support Using Excel  
Electronic Commerce  
Management Information Systems  
Management Science  
Operations Management  
Simulation-Based Decision Making  
Survey of Operations Management  
Survey of Statistics

### **Foreign Language Ability**

Chinese, Mandarin dialect (advanced beginner level)  
German (beginner level)  
French (elementary beginner level)  
Spanish (advanced beginner level)

### **Computer-Related Experience & Skills**

#### ***Operating Environments***

Desktop Systems (extensive experience)  
DOS  
Windows (XP through 10)  
Servers  
Linux (moderate experience)  
Windows 2003 (moderate experience)  
Legacy mainframe systems (extensive experience)  
MVS (extensive experience)  
CMS (extensive experience)  
Cray XMP supercomputer (introductory experience)  
Banner, SIS, & FRS university administration applications (moderate experience)

#### ***Programming, Scripting, & Markup Languages***

Active Server Pages (moderate experience)  
Android Development (limited experience)  
BASIC and Visual Basic.Net (moderate experience)  
COBOL (limited experience)  
C# (moderate experience)  
FORTRAN (moderate scalar and limited vector coding experience)  
HTML and XHTML (extensive experience)  
Java (limited experience)  
JavaScript (moderate experience)

PHP (moderate experience)  
Python (moderate experience)  
Windows Mobile Development (limited experience)  
XML (limited experience)

### ***Software / Nonprocedural Languages***

Structured Query Language (moderate experience)

Data analysis

SAS (extensive, but dated, experience)

SPSS (moderate experience)

MiniTab (extensive, but dated, experience)

Other major software

Access and other desktop databases (moderate experience)

Android Studio 4.1 integrated development environment (moderate experience)

BrainMaker -- neural network modelling software (moderate experience)

CAD (limited experience)

Excel and other spreadsheets (extensive experience)

Dreamweaver (extensive experience)

KEE -- knowledge engineering software (limited experience)

LINDO -- math programming software (moderate, but dated experience)

Oracle (introductory experience)

Outlook and other email clients (extensive experience)

SLAM -- simulation software and language (moderate, but dated, experience)

Microsoft Visual Studio 2019 integrated development environment (extensive experience)

Word and other word processing software (extensive experience)

XMP -- optimization library for algorithmic research (moderate, but dated, experience)