

ROBERT VINAJA, Ph. D.

Assistant Professor
Office: (210) 932-7849
Bethuel.Vinaja@tamusa.tamus.edu

EDUCATION

- Ph.D. in Business Administration** 1999
UNIVERSITY OF TEXAS AT ARLINGTON
Department of Information Systems & Operations Management
Major field: Information Systems
Minor field: Computer Science
GPA 3.92/4.0
Dissertation: "An Empirical Investigation of the Effects of Internet Information Delivery and Agent Facilitation on Decision Making"
- Master of Business Administration** 1996
TEXAS CHRISTIAN UNIVERSITY
GPA 3.7/4.0
- Bachelor of Information Systems** 1994
UNIVERSITY OF BAJA CALIFORNIA
GPA 3.9/4.0

RELEVANT GRADUATE LEVEL COURSES

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| Management of Software Development | Managing Information Technology |
| Computer Systems Architecture | Human Aspects of Information Technology |
| Computer Networks | Decision Analysis |
| Expert Systems | Manufacturing and Services Operations Management |
| Artificial Intelligence | Industrial Forecasting |
| Systems Simulation | Multivariate Statistical Methods |
| Emerging Information Technologies for Decision Support | Linear Statistical Methods I & II |
| | Advanced Research Methods |

ACADEMIC EXPERIENCE

- TEXAS A&M UNIVERSITY-SAN ANTONIO** Sept. 2009- Present
Department of Business
Assistant Professor
- TEXAS A&M UNIVERSITY-KINGSVILLE S.C. SAN ANTONIO** June. 2009
College of Business
Assistant Professor
- TEXAS A&M UNIVERSITY-COMMERCE** 2003- 2009
College of Business and Technology
Department of Business Administration and Management Information Systems
Assistant Professor

UNIVERSITY OF TEXAS PAN AMERICAN 1999-2003
College of Business Administration
Department of Computer Information Systems and Quantitative Methods
Assistant Professor

UNIVERSITY OF TEXAS AT ARLINGTON 1996-1998
CENTER FOR INFORMATION TECHNOLOGY MANAGEMENT
Assistant to Director

- Design additions to web homepage using HTML, FrontPage and imaging software
- Administer all facets of the Disaster Recovery Institute's Business Contingency Planning Seminar program.
- Used statistical software (SAS, SPSS and NCSS) for statistical analysis involving canonical correlation, regression and ANOVA for academic journal articles.
- Develop and maintain MS Excel spreadsheet and Access database applications.

TEXAS CHRISTIAN UNIVERSITY 1994-1996
Graduate Assistant

- Provided tutoring, academic and administrative support for Information System courses.
- Trained students in the use of office automation software.

UNIVERSITY OF BAJA CALIFORNIA 1992-1994
Music Instructor

- Music History I
- Music Theory I
- Music Appreciation I
- Introductory Piano

PROFESSIONAL EXPERIENCE

AETNA 1998-1999
Analyst

- Program health quality performance measures using Visual Basic.
- Maintain multiple databases: clinical quality improvement, office site and medical records review, hospitalization quality, physician performance.
- Generate reports based on information from mainframe and data warehouse using ASP.
- Develop project tracking system using ASP.
- Assist in statistical analysis and generation of quality improvement reports.

CODE RITE 1996
Consultant

- Conducted a statistical quality study to monitor and control medical record transcription and coding for emergency room claims.

MATTEL 1995-1996
Computer Programmer

- Develop software applications for logistics and production operations management for multiple departments (shipping, receiving, logistics) using Visual Basic and AS/400 middleware.
- Implement system, train users and write documentation
- Perform desktop computer troubleshooting and help desk support.

EDS 1995-1996
Project Consultant

- Develop financial tutorial software for ratio analysis using Visual Basic and Excel for the Mac.

TEACHING**TEXAS A&M UNIVERSITY-SAN ANTONIO
GRADUATE COURSES**

| Course | Level | Times taught | Evaluation score* |
|----------------------------------|-------|--------------|--------------------------------------|
| Management Science | MBA | 2 | 4.4 out of 5 (5 is best, 1 is worst) |
| Managerial Business Statistics | MBA | 2 | 4.0 out of 5 (5 is best, 1 is worst) |
| Computer Technology Applications | MBA | 1 | N/A |
| Forecasting | MBA | 1 | N/A |

UNDERGRADUATE COURSES

| Course | Level | Times taught | Evaluation score* |
|-----------------------------------|-------------|--------------|--------------------------------------|
| Business Statistics | Upper Level | 10 | 4.5 out of 5 (5 is best, 1 is worst) |
| Quantitative Methods for Business | Upper Level | 6 | 4.6 out of 5 (5 is best, 1 is worst) |
| Management Information Systems | Upper Level | 6 | 4.4 out of 5 (5 is best, 1 is worst) |
| Database Management Systems | Upper Level | 6 | 4.3 out of 5 (5 is best, 1 is worst) |
| Cobol Programming | Upper Level | 3 | 4.4 out of 5 (5 is best, 1 is worst) |
| Systems Analysis and Design | Upper Level | 5 | 4.4 out of 5 (5 is best, 1 is worst) |
| Telecommunications | Upper Level | 1 | 4.6 out of 5 (5 is best, 1 is worst) |
| Business Application in C++ | Upper Level | 1 | 4.6 out of 5 (5 is best, 1 is worst) |
| Computer Networks | Upper Level | 1 | 4.4 out of 5 (5 is best, 1 is worst) |

TEXAS A&M UNIVERSITY-KINGSVILLE S.C. SAN ANTONIO UNDERGRADUATE COURSES

| Course | Level | Times taught | Evaluation score* |
|---------------------|-------------|--------------|-------------------|
| Business Statistics | Upper Level | 1 | N/A |

**TEXAS A&M UNIVERSITY-COMMERCE
GRADUATE COURSES**

| Course | Level | Times taught | Evaluation score* |
|------------------------------------|----------|--------------|--------------------------------------|
| Networking and Telecommunications | MBA/M.S. | 5 | 1.8 out of 5 (1 is best, 5 is worst) |
| Database Management | MBA/M.S. | 5 | 1.3 out of 5 (1 is best, 5 is worst) |
| Statistical Methods | MBA/M.S. | 6 | 1.6 out of 5 (1 is best, 5 is worst) |
| Business Information Systems | MBA/M.S. | 3 | 1.3 out of 5 (1 is best, 5 is worst) |
| Quantitative Analysis for Managers | MBA/M.S. | 3 | 1.0 out of 5 (1 is best, 5 is worst) |
| Quantitative Methods | MBA/M.S. | 1 | 1.3 out of 5 (1 is best, 5 is worst) |
| Business Research Methods | MBA/M.S. | 1 | N/A |
| Data Mining | MBA/M.S. | 1 | N/A |

UNDERGRADUATE COURSES

| Course | Level | Times taught | Evaluation score* |
|-------------------------------------|-------------|--------------|--------------------------------------|
| Management Information Systems | Upper Level | 15 | 1.9 out of 5 (1 is best, 5 is worst) |
| Networking and Telecommunications | Upper Level | 6 | 1.6 out of 5 (1 is best, 5 is worst) |
| Quantitative Methods | Upper Level | 3 | 1.5 out of 5 (1 is best, 5 is worst) |
| Introduction to Information Systems | Freshman | 1 | 2.2 out of 5 (1 is best, 5 is worst) |

UNIVERSITY OF TEXAS PAN-AMERICAN UNDERGRADUATE COURSES

| Course | Level | Times taught | Evaluation score* |
|-----------------------------------|-------------|--------------|--------------------------------------|
| Management Information Systems | Upper Level | 13 | 4.5 out of 5 (5 is best, 1 is worst) |
| Networking and Telecommunications | Upper Level | 8 | 4.4 out of 5 (5 is best, 1 is worst) |
| COBOL Programming | Junior | 6 | 4.1 out of 5 (5 is best, 1 is worst) |
| Introduction to Computers | Freshman | 1 | N/A |
| Introduction to Office Software | Freshman | 1 | N/A |

* Last available. Texas A&M University-Commerce scale 1 = Best 5 = Worst. The University of Texas-Pan American & Texas A&M University-San Antonio scale : 5 = Best 1 = Worst.

TEACHING STRATEGIES

Recorded lectures: My lectures are available both as streaming video and file download on Blackboard.

Web conferences: I use Blackboard Elluminate (equivalent to Centra) for online lectures, and tutoring during by office hours and on request.

Classroom Interaction: I use Poll Everywhere (a website equivalent to the use of clickers) for attendance, classroom participation and quizzes.

E-books: I have adopted e-books in all my courses available in CourseSmart.

Tutoring: My courses strongly emphasize the use of Smarthinking, both for developing writing skills and quantitative tutoring.

Instructional videos: I have created video tutorials that explain the use of software for statistical analysis, SAP training and software development.

Adaptive tests and quizzes: I have authored algorithmic questions that generate different versions of a problem based on an algorithm. Feedback is customized based on the same algorithm. The question pools are hosted in McGraw-Hill Connect and Cengage CengageNow.

Graphic simulations: These simulations are based on Java applets, and Adobe Shockwave. Some simulations can be used as graphic calculators for solving statistical formulas and provide interactive learning experience. By interacting with these simulations, students can fully understand the logic behind the concepts. In addition to using simulation from other universities I have authored some simulations in Excel.

Peer feedback: Students receive feedback from Smarthinking tutors, classroom peers and the instructor.

Starboard: I use Starboard for increased interactivity in my lectures. My lecture notes are saved for student review and also recorded.

Classroom mobility: I use a microphone and a wireless mobile keyboard so I can lecture and also provide personalized attention to my students during sessions in the computer lab.

MathType: I use this equation editor that provides advanced capabilities and the ability to convert equations and formulas in MathML, a markup language for rendering mathematical equations.

Excel templates: I have created a set of Excel templates which provide statistical analysis comparable to SPSS.

CURRICULUM DEVELOPEMENT

Developed course materials and web site content for:

- Business Statistics – BUAD 3335
- Quantitative Methods for Business – BUAD 3301
- Business Applications Using C++ - CISA 4302
- COBOL Programming – CISA 3354
- Systems Analysis and Design – CISA 3356
- Telecommunications I – CISA 4306
- Management Information Systems - CISA 3358
- Management Science – MGMT - 5325
- Database Design and SQL CISA 3351
- Computer Technology Applications – CISA 5309
- Forecasting – MGMT 5329

SOFTWARE SKILLS

Operating Systems (Windows Server 2012, 2008, 2005, 2000, NT, UNIX, zOS),

Database (SQL, PL/SQL, T-SQL, MS SQL Server 2012, Oracle, Microsoft Access, MySQL, IBM-DB2)

Programming Languages (Visual Basic, COBOL, C++, C#, JavaScript, Java, LISP, Prolog, JCL)

Web Development (HTML, XML, ASP, FrontPage, PHP) (Eclipse, IBM Rational, Visual Studio)

Statistical Software (SAS, SPSS, MINITAB, R, Megastat, NCSS, MathType)

Online Education (Blackboard, WebCT, eCollege, Moodle, Homework Manager/Wimba, Educator/UCompass).

Web-based conferencing (Blackboard Collaborate, Webex, Centra, and Adobe Connect)

Management Science (Lingo, Extend, @RISK, Precision Tree, Expert Choice, Premium Solver)

Multimedia (Windows Media Encoder, Expression Encoder, Camtasia, Microsoft Producer, Flash, Acrobat, Shockwave, Photoshop)

SAP, SAP-ERPSim, Microsoft Office, Microsoft Project 2013, 2010, Microsoft Visio 2013, 2010, Visual Paradigm, VMware Workstation, Virtual PC

Two-way Interactive Video classroom resources (TTVN)

RESEARCH

Research Interests

Business applications of Quantitative Methods
 Decision Support Systems and Expert Systems
 Functional Information Systems
 Information Systems Education
 E-commerce
 Curriculum Development Issues
 Distance education

PUBLICATIONS

1. Vinaja, Robert and Sircar, Sumit, "Agents Delivering Business Intelligence," in *Handbook of IS Management 1999*, Robert E. Umbaugh, editor, Auerbach, 1999, pp. 477-490.
2. Vinaja, Robert and Sircar, Sumit, "The Use of Intelligent Agents for Decision Making: An Analysis of the State of the Art," in *Handbook of IS Management 2000*, C.V. Brown and H. Topi (eds.), Auerbach, 2000, pp. 405-418.
3. Vinaja, Robert and Mykytyn, Peter P., "An Empirical Study of the Use of Internet Information Delivery and Agent Software for Business Decision Making," *AOIS Workshop at 17th National Conference on Artificial Intelligence (AAAI-2000)*, Austin, TX, July 2000.
4. Vinaja, Robert, Raisinghani, Mahesh S. and Slinkman, Craig W., "Intelligent Agent Based Decision Making on the Internet: An Empirical Study," *Americas Conference on Information Systems (AMCIS) 2000*, Long Beach, CA, August 10-13, 2000.
5. Raisinghani, Mahesh and Vinaja, Robert, "Beyond Knowledge Management: Intelligent Agents for Information Augmentation in the Modern Knowledge Economy," *18th Annual International Association of Management Conference*, San Antonio, TX, August 2000, pp. 145-147.
6. Feinberg, M., Vinaja, R., Rydl, L. and Medina, R., "Determining Factors as to why U.S. Residents Cross the Border to Purchase Pharmaceuticals at Mexican Pharmacies," *First International Congress of the OOICTL Academy on Teaching, Learning and Classroom/Course Management in Business, OOICTL-Business 2000*, Shreveport, LA, September 2000.
7. Vinaja, Robert, "PacifiCare and HMHP: Managing Integration in the HMO Industry," *North American Case Research Association Annual Meeting*, San Antonio, TX, October 2000.
8. Vinaja, Robert and Rao, Mohan, "Intelligent Agents and Artificial Intelligence: Are Agents Truly Intelligent?" *SE Informs 2000 Annual Conference*, Myrtle Beach, SC; October, 2000.
9. Vinaja, Robert and Raisinghani, Mahesh S., "Social, Ethical and Legal Implications of Intelligent Agent Technology in Electronic Commerce," *The 5th INFORMS Conference on Information Systems and Technology*, San Antonio, TX, November 2000.
10. Vinaja, Robert, "An Empirical Study of Individual Differences, Student Preferences and Performance in Distance Education," *Eight Distance Education Conference*, Austin, Texas, January 19-23, 2001.
11. Vinaja, Roberto, "Cross-Border Issues in E-Commerce: The Global Market in Latin-America," *Proceedings of the Eight Annual Conference of the American Society of Business and Behavioral Sciences*, Las Vegas, NV, February 21-26, 2001.

12. Vinaja, Roberto, "A General Systems Theory Approach to Intelligent Agents in Electronic Commerce," *Proceedings of the 32nd Annual Conference of the Decision Sciences Institute Southwest Region*, New Orleans, LA, February 28-March 3, 2001, pp.121-123.
13. Feinberg, Martin, Flores, Oscar, Rydl, Les and Vinaja, Robert, "An Empirical Comparison between ISO 9000 Compliance in Mexican Service Firms and Maquiladoras," *Proceedings of the 2001 Applied Business Research Conference*, Cancun, Mexico, March 14-21, 2001.
14. Vinaja, Roberto and Feinberg, Martin, "Bi-National Distance Education: An Empirical Analysis," *Proceedings of the 2001 International Business Education and Technology Conference*, Cancun, Mexico, March 14-21, 2001.
15. Vinaja, Roberto and Raisinghani, Mahesh S., "Analysis of Strategies Used in Teaching an Online Course in a Predominantly Hispanic University," *Journal of Computing Sciences in Colleges*, Vol. 16, No. 3, pp. 70-79, March 2001.
16. Vinaja, Roberto, "Mobile Agents, Mobile Computing and Mobile Users in Global E-Commerce," *2001 Information Resources Management Association International Conference*, May 20-23, 2001, Toronto, ON, Canada.
17. Vinaja, Roberto, "The Effects of Localization Method and Personality Type on Consumers' Recall, Recognition, Perceived Quality and Attitudes in Global Electronic Commerce," *Second Annual Global Information Technology Management World Conference*, Dallas, Texas, June 10-12, 2001.
18. Vinaja, Roberto, and Raisinghani, Mahesh S., "Strategic E-Business Pricing Decisions: an Economic and Managerial Perspective," *Second Annual Global Information Technology Management World Conference*, Dallas, Texas, June 10-12, 2001.
19. Vinaja, Robert, "Total eQuality Management (TeQM), The Next Revolution," *International Meeting of the Decision Sciences Institute*, Chihuahua, Mexico, July 9-11, 2001.
20. Vinaja, Robert and Raisinghani, Mahesh S., "A Review of the Standards Making Process in the Telecommunications Industry: Challenges and Potential Solutions," *Standardization and Innovation in Information Technology, 2001 2nd IEEE Conference*, pp. 371-374, University of Colorado, Boulder, CO, Oct. 3-6, 2001.
21. Vinaja, Roberto, "Social and Legal Aspects of Mobile and Distributed Software," *Proceedings of the 2001 IEEE Systems, Man and Cybernetics Conference*, Tucson, AZ, October 7-10, 2001.
22. Raisinghani, Mahesh S., Vinaja, Robert and Frank, B., "E-Business Global Readiness: An Empirical Study from a Strategic Perspective," *2001 International Conference on Telecommunications and Electronic Commerce*, Dallas, TX, November 8-10, 2001.
23. Vinaja, Robert and Raisinghani, Mahesh S., "Intelligent Agent Support for Country-Risk Rating Systems," *2001 International Conference on Telecommunications and Electronic Commerce*, Dallas, TX, November 8-10, 2001.
24. Vinaja, Robert and Raisinghani, Mahesh S., "Teaching with Online Case Studies: Implementation and Evaluation Issues," *International Conference on Informatics Education and Research*, New Orleans, LA, December 14-16, 2001.
25. Vinaja, Roberto, "A Three Dimensional Framework for Security Implementation in Mobile Environments," in *Advances in Information Security Management and Small Systems Security*, J.H.P. Eloff, L. Labuschagne, R. von Solms and G. Dhillon (eds.), Kluwer Academic Publishers, 2001.
26. Vinaja, Roberto, "Book Review: Management of International Networks: Cost Effective Strategies for the New Telecom Regulations and Services," *Journal of Global Information Technology Management*, Vol. 5, No. 1, 2002.
27. Feinberg, M. and Vinaja, R., "The Effect of Air Emissions from Maquiladoras on Ozone Levels at the Mission, Texas Monitoring Station," (abstract), *Rio Grande Environmental Conference*, South Padre Island, TX, February 20-22, 2002.

28. Feinberg, M., Rydl, L., and Vinaja, R., "Significant Variables for Not Crossing the Border to Purchase Pharmaceuticals at Mexican Pharmacies," *Texas Pharmacy Association SpeedLetter*, February 2002, pp.1, 8, 12.
29. Vinaja, Roberto, "Book Review: Cases on Worldwide Electronic Commerce: Theory in Action," *Journal of Global Information Technology Management*, Vol. 5, No. 2, 2002
30. Vinaja, Roberto, "An Analysis of Research Methods in Information Systems Cross-Cultural Research," (abstract), *International Symposium on Research Methods*, University of Dallas, Texas, August 8, 2002
31. Vinaja, Robert and Raisinghani, Mahesh S., "A Multi-Attribute Profile Classification for Intelligent Agents," *Americas Conference on Information Systems (AMCIS) 2002*, Dallas, TX, August 9-11, 2002.
32. Raisinghani, Mahesh S., Vinaja, Robert and Aladwani, A., "E-Commerce Adoption in Developing Countries," *Americas Conference on Information Systems (AMCIS) 2002*, Dallas, TX, August 9-11, 2002.
33. Feinberg, M. and Vinaja R. "Faculty Perceptions of Bi-National Distance Education between the U.S. and Mexico: An Empirical Analysis," *United States Distance Learning Association (USDLA) Journal*, September 2002.
34. Feinberg, M., Rydl, L., and Vinaja, R., "A Prediction Model for Crossing and not Crossing the Texas-Mexico Border to Purchase Pharmaceuticals," *Decision Sciences Institute Annual Conference*, San Diego, CA, November 2002.
35. Feinberg, M., Rydl, L. and Vinaja, R., "A Pre and Post NAFTA Empirical Comparison of Economic Indicators of the Imperial Valley versus the Rio Grande Valley," *Midwestern Business and Economic Review*, Vol. 30, Fall 2002, pp. 1-8.
36. Vinaja, Robert and Sircar, Sumit, "Agent Software: The New Paradigm," in *Handbook of IS Management 2002*, C.V. Brown and H. Topi (eds.), Auerbach, September 2002 (later reprinted).
37. Vinaja, Roberto, "Growth and Consolidation in the Spanish-Speaking E-Commerce Market." in *Cases in Worldwide Electronic Commerce: Theory in Action*, M. Raisinghani, editor, Idea Group Publishing, 2002.
38. Vinaja, Roberto, "Mobile Agents, Mobile Computing and Mobile Users in Global E-Commerce," (reprint) in *Strategies for eCommerce Success*, B. Fazlollahi, editor, IRM Press, 2002.
39. Vinaja, Roberto, "Growth and Consolidation in the Spanish-Speaking E-Commerce Market," (reprint) in *Global Perspective of Information Technology Management*, Felix B. Tan, editor, IRM Press, 2002.
40. Vinaja, Robert and Raisinghani, Mahesh S., "The relationship of sociometric indicators and synchronization in online case discussions," *Tenth Distance Education Conference*, Austin, Texas, January 21-24, 2003.
41. Feinberg, M., Rydl, L., Vinaja, R. and Flores, O. "An Empirical Comparison of Maquiladoras to Mexican Service Firms with respect to the International Quality Standards ISO 9000 Compliance," *International Journal of Management*, Vol. 20, No. 2, pp. 209-216, June 2003.
42. Vinaja, Roberto, "A Systemic Approach of Electronic Commerce," in: *Critical Reflections on Information Systems: A Systemic Approach*, Jeimy J. Cano, Editor, Idea Group Publishing, Hershey, PA, 2003.
43. Vinaja, Roberto, "The Economic and Social Impacts of E-Commerce in Developing Countries," in: *The Economic and Social Impacts of E-Commerce*, Sam Lubbe, Editor, Idea Group Publishing, Hershey, PA, 2003.
44. Vinaja, Roberto, "Book Review: Technology, Globalisation and Poverty," *Journal of Global Information Technology Management*, Vol. 6, No. 1, pp. 75-77, 2003.
45. Vinaja, Roberto and Sircar, Sumit, "Agent Software: The New Paradigm," *Systems Development Management*, Vol. 29 Issue 3, pp 1-22, Jun/Jul2003

46. Vinaja, Roberto, "Book Review: Innovation in Multinational Corporations in the Information Age: The Experience of the European ICT Industry," *Journal of Global Information Technology Management*, Vol. 6, No. 2, pp. 67-69, 2003.
47. Vinaja, Roberto, "Book Review: Competition and Cooperation in Taiwan's Information Technology Industry: Inter-Firm Networks and Industrial Upgrading," *Journal of Global Information Technology Management*, Vol. 6, No. 4, pp. 69-71, 2003.
48. Vinaja, Roberto, "Book Review: World Class Supply Management: The Key to Supply Chain Management," *Journal of Global Information Technology Management*, Vol. 7, No. 3, pp. 70-72, 2004.
49. Vinaja, Roberto, "Book Review: Productivity, Inequality, and the Digital Economy: A Transatlantic Perspective," *Journal of Global Information Technology Management*, Vol. 8, No. 1, pp. 70-72, 2005.
50. Manton, Edgar J., English, Donald E., and Vinaja, Roberto, "Evaluating Knowledge and Critical Thinking in International Business Courses," *Journal of Global Business Education*, Vol. 5, May 2005.
51. Vinaja, Roberto, "Book Review: Managing Information Technology Projects: Applying Project Management Strategies to Software, Hardware, and Integration Initiatives," *Journal of Global Information Technology Management*, Vol. 8, No.2, pp. 64-65, 2005.
52. Vinaja, Roberto, "Book Review: Information Technology Investment: Decision-Making Methodology," *Journal of Global Information Technology Management*, Vol. 8, No. 3, pp. 72-73, 2005.
53. Vinaja, Roberto, "Book Review: Purchasing and Financial Management of Information Technology by Frank Banister," *Journal of Global Information Technology Management*, Vol. 8, No. 4, pp. 71-72, 2005.
54. Raisinghani, Mahesh S. and Vinaja, Roberto, "Teaching with Online Case Studies: Implementation and Evaluation Issues," *Journal of Informatics Education Research*, Vol. 8, No. 3, pp. 143-178, Fall 2006.
55. Vinaja, Roberto, "Book Review: The Sources of Economic Growth in India," *Journal of Global Information Technology Management*, Vol. 9, No. 3, pp. 67-68, 2006.
56. Vinaja, Roberto, "Book Review: Designing and Evaluating E-management Decision Tools: The Integration of Decision and Negotiation Models into Internet-Multimedia Technologies," *Journal of Global Information Technology Management*, Vol. 9, No. 4, pp. 77-78, 2006.
57. Vinaja, Roberto, "The IT Curriculum: A Global Perspective," *Journal of Global Information Technology Management*, Vol. 9, No. 4, pp. 1-5, 2006.
58. Vinaja, Roberto, "Book Review: Managing Global Information Technology: Strategies and Challenges," *Journal of Global Information Technology Management*, Vol. 10, No. 3, pp. 75-76, 2007.
59. Vinaja, Roberto, "Book Review: Information Technology and Small Businesses: Antecedents and Consequences of Technology Adoption," *Journal of Global Information Technology Management*, Vol. 10, No. 4, pp. 78-79, 2007.
60. Vinaja, Roberto, "Book Review: Information Integrated Information Management: Applying Successful Industrial Concepts in IT," *Journal of Global Information Technology Management*, Vol. 11, No. 1, pp.73-74, 2008.
61. Vinaja, Roberto, "Book Review: Information Systems Reengineering and Integration," *Journal of Global Information Technology Management*, Vol. 11, No. 2, pp.84-86, 2008.
62. Vinaja, Roberto, "Book Review: Knowledge Management in Action," *Journal of Global Information Technology Management*, Vol. 12, No. 1, 2009.
63. Vinaja, Roberto, "Book Review: Event-Driven Mobile Financial Information Services," *Journal of Global Information Technology Management*, Vol. 12, No. 3, 2009.

64. Vinaja, Roberto, "Book Review: Integrated Management of Systems, Services, Processes and People in IT," *Journal of Global Information Technology Management*, Vol. 13, No. 1, 2010.
65. Vinaja, Robert, "Teaching Quantitative Courses with Web Conferences: Implementation and Evaluation Issues," In Proceedings of the *Southwest Teaching and Learning Conference 2010*, San Antonio, TX, April, 2010.
66. Vinaja, Roberto, "Book Review: IS Offshoring: Essays on Project Suitability and Success," *Journal of Global Information Technology Management*, Vol. 13, No. 3, 2010.
67. Hokanson, Cynthia, Sosa-Fey, Josephine and Vinaja, Robert, "Mitigating the Loss of Knowledge Resulting from the Attrition of Younger Generation Employees," In Proceedings of the *International Academy of Business and Public Administration Disciplines (IABPAD) Fall Conference*, New Orleans, LA, October 21-24, 2010.
68. Vinaja, Robert, "Strategies for Teaching the Business Statistics Course," In Proceedings of the *Southwest Teaching and Learning Conference 2011*, San Antonio, TX, April 1-2, 2011.
69. Hokanson, Cynthia, Sosa-Fey, Josephine and Vinaja, Robert, "Mitigating the Loss of Knowledge Resulting from the Attrition of Younger Generation Employees," *International Journal of Business & Public Administration*, Vol. 8 No. 2, pp. 138-151, 2011.
70. Vinaja, Roberto, "Book Review: The Knowledge Management and Application Domain," *Journal of Global Information Technology Management*, Vol. 14, No. 3, 2011.
71. Vinaja, Robert, "Teaching Quantitative Courses with Web Conferences: Implementation and Evaluation Issues," *Southwest Teaching and Learning Journal*, Vol. 1, No. 1, 2011.
72. Vinaja, Roberto, "Book Review: Web Information Systems and Technologies," *Journal of Global Information Technology Management*, Vol. 15, No. 1, 2012.
73. Vinaja, Roberto, "Book Review: How Firms Can Strategically Influence Open Source Communities: The Employment of 'Men On The Inside,'" *Journal of Global Information Technology Management*, Vol. 15, No. 3, 2012.
74. Vinaja, Roberto, "Book Review: Research in Systems Analysis and Design: Models and Methods," *Journal of Global Information Technology Management*, Vol. 15, No. 4, 2012.
75. Vinaja, Roberto, "Book Review: A Framework for Usability Evaluation of Modeling Languages," *Journal of Global Information Technology Management*, Vol. 16, No. 1, 2013.
76. Vinaja, Roberto, "Book Review: The Use of Smart Mobile Equipment for the Innovation in Organizational Coordination," *Journal of Global Information Technology Management*, Vol. 16, No. 2, 2013.
77. Vinaja, Roberto, "Book Review: IT Security Risk Management: Perceived IT Security Risks in the Context of Cloud Computing," *Journal of Global Information Technology Management*, Vol. 16, No. 3, 2013.
78. Guardia, A., Waggoner, I., and Vinaja, Robert, "Student Teamwork: Conventional and Contemporary Communication Methods: The Challenge of Building a Collaborative Climate." *Southwest Teaching and Learning Journal*, Vol. 3, No. 1, 2013.
79. Vinaja, Roberto, "Book Review: Risk Assessment and Management in the Networked Economy," *Journal of Global Information Technology Management*, Vol. 17, No. 1, 2014.
80. Vinaja, R., "An Analysis of Qualifications of Faculty Who Teach Information Systems Courses in Business Schools," Accepted for the Proceedings of the 41st *Annual Conference of the Decision Sciences Institute Southwest Region*, Dallas, TX, March 13-15, 2014.

81. Vinaja, R., "Using Technology to Enhance Information System Courses: Implementation Issues," Accepted for the Proceedings of the 41st Annual Conference of the Decision Sciences Institute Southwest Region, Dallas, TX, March 13-15, 2014

PRESENTATIONS

1. Feinberg, M., Rydl, Les, Vinaja, Robert, and Flores O., "An Empirical Analysis Comparing the Utilization of Business Forecasting Techniques on both Sides of the U.S.-Mexico Border," *IX Rio Bravo Association Conference*, Texas A&M University, Kingsville, TX, March 2000.
2. Vinaja, R., "Hispanics Leading the Information Age," *Pan American Days*, University of Texas Pan American, April 11, 2000.
3. Feinberg, M., Rydl, L., and Vinaja, R., "A Pre and Post-NAFTA Empirical Comparison of the Lower Rio Grande Valley versus the Imperial Valley," *WSSA: 43rd Annual Conference of the Association of Borderland Studies*, Reno, NV, April 18-22, 2001.
4. Vinaja, R., "Electronic Commerce in Latin America," *Pan American Days*, University of Texas Pan American, April 19, 2001.
5. Feinberg, M., Rydl, L., and Vinaja, R., "Winter Texan Perceptions of Mexican Pharmaceuticals," *WSSA: 44rd Annual Conference of the Association of Borderland Studies*, Albuquerque, NM, April 10-13, 2002.
6. Vinaja, R. and Rydl, L., "The Relationship of Personality Type and Student Attitudes towards Distance Learning," *The University of Texas System's 8th Annual Information Technology and Distance Education Conference*, Edinburg, TX, May 15-17, 2002.
7. Feinberg, M. and Vinaja, R., "Faculty Perceptions of Bi-National Distance Education: An Empirical Analysis," *The University of Texas System's 8th Annual Information Technology and Distance Education Conference*, Edinburg, TX, May 15-17, 2002.
8. Vinaja, R., "Lessons Learned from the Development of Bi-lingual On-line Courses," *The University of Texas System's 8th Annual Information Technology and Distance Education Conference*, Edinburg, TX, May 15-17, 2002.
9. Vinaja, R. and Rydl, L., "An Empirical Study of the Relationship of Personality Style and Intelligent Agent Facilitation for Decision-Making," *Decision Sciences Institute Annual Conference*, San Diego, CA, November 2002.
10. Vinaja, R., "An Empirical Analysis of Electronic Commerce Strategies in Regional and Minority-Owned Small Businesses," *Decision Sciences Institute Annual Conference*, San Diego, CA, November 2002.
11. Vinaja, R., "Critical Success Factors in University Library Web Site Design," *EDUCAUSE Southwest Regional Conference*, Dallas, TX, February 21, 2003.
12. Vinaja, R., "Major Challenges in Multi-Cultural Virtual Teams," *33rd Annual Conference of the Decision Sciences Institute Southwest Region*, Houston, TX, March 4-8, 2003.
13. Vinaja, R., "A Classification of IS Experimental Tasks," *33rd Annual Conference of the Decision Sciences Institute Southwest Region*, Houston, TX, March 4-8, 2003.
14. Vinaja, Robert, "Advanced Authoring for Web-Based Course Management Systems," *Southwest Teaching and Learning Conference 2012*, San Antonio, TX, March 30-31, 2012.
15. Guardia, A., Waggoner, I., and Vinaja, Robert, "Student Teamwork: Conventional and Contemporary Communication Methods: The Challenge of Building a Collaborative Climate." *Southwest Teaching and Learning Conference 2013*, San Antonio, TX, April 5-6, 2013.

16. Vinaja, Robert, "Lecture Capture and Web Delivery Systems: Evaluation and Implementation Issues," Southwest Teaching and Learning Conference 2013, San Antonio, TX, April 5-6, 2013.
17. Guardia, A., Waggoner, I., and Vinaja, Robert, "Building a Collaborative Climate: An Assessment of Conventional and Contemporary Communication Methods." *Academy of Business Research Conference 2013*, September 18-20, 2013, San Antonio, TX. Best Paper Award (for session).
18. Vinaja, Robert, "An Analysis of Qualifications of Faculty Who Teach Quantitative-Oriented Business Courses." *Academy of Business Research Conference 2013*, September 18-20, 2013, San Antonio, TX.
19. Vinaja, Robert, "A Cross-National Analysis of Information Technology Programs." *Academy of Business Research Conference 2013*, September 18-20, 2013, San Antonio, TX.
20. Vinaja, Robert, "Strategies for Teaching Quantitative-Oriented Business Courses," *21st Annual Southwestern Business Administration Teaching Conference*, Jesse H. Jones School of Business, Texas Southern University, Houston, TX, October 31 – November 1, 2013.

OTHER PUBLICATIONS

1. Feinberg, Martin, Flores, Oscar, Rydl, Les and Vinaja, Robert, "More Maquiladoras Meet ISO-9000 Standards with their American Counterparts," *The Monitor, Special Supplement*, McAllen, TX, May 25, 2000.
2. Feinberg, Martin, Rydl, Les and Vinaja, Robert, "Difference in Pharmacies," *The Monitor, Letter to the Editor, Readers' Forum*, p. 9C, McAllen, TX, August 2, 2001.

WORK IN PROGRESS

Guardia, A., Waggoner, I., and Vinaja, Robert, "Conventional and Contemporary Communication Methods: A Qualitative Study." to be submitted.

Burdwell, Robert, Vinaja Robert and Green, Richard. "Integrating Simulation Games into Courses," Accepted for the *Southwest Teaching and Learning Conference 2014*, San Antonio, TX, April, 2014.

Guardia, A., Waggoner, I., and Vinaja, Robert, "Student eBook engagement and performance outcomes: An analysis of a beta project." Accepted for the *Southwest Teaching and Learning Conference 2014*, San Antonio, TX, April, 2014.

Vinaja, Robert, "Free Software Platforms for Academic Statistical Analysis and Research," Submitted to the *Southwest Teaching and Learning Conference 2014*, San Antonio, TX, April, 2014.

Vinaja, Robert, and Raisinghani, Mahesh S. and Slinkman, Craig W, "Internet Agent Support for International Investment Decision Making: An Empirical Study," *International Journal of Intelligent Information Technologies*, need to revise and resubmit.

Vinaja, R., Slinkman, Craig W. and Mykytyn, Peter P., "An Empirical Investigation of the Effects of Internet Information Delivery and Agent Facilitation on Business Decision Making"

Vinaja, R., "A Multi-Attribute Taxonomy of Agent Software."

Vinaja, R., "An Exploratory Study of the Effects of Multimedia-Enhanced Online Learning in Quantitative Courses"

Liu, C., Lewis, J. and Vinaja, R., "Factors that Shape the Business Curriculum"

GRANTS

“Electronic Commerce,” Online Course Development for the Virtual Learning and Support Plaza for the Hispanic Educational Telecommunications System (HETS). Awarded \$7,250 grant

2000 ACM SIGPLAN PLDI 2000 Conference Travel Grant, award \$1,200.

UT-Pan American Faculty Research Council, Research Grant, \$650, April, 2001.

Mini-grant award, proposal: “Global survey of IT curriculum,” Graduate Studies and Research, TAMU-C, \$497, December 12, 2006.

“Constructionism and Graphical Programming in Introductory High School Computer Science, Submitted to NSF (Co-PI, Submission Date: July 2011, Not Funded)

SERVICE

UNIVERSITY SERVICE

- Member of the Instructional Resources Committee, College of Business, UT Pan American, 1999.
- Member of the Strengths and Opportunities Taskforce, College of Business, UT Pan American, 2000-2001.
- Library Liaison, Department of Computer Information Systems, UT Pan American, 1999-2002.
- Member of the Faculty Merit Committee, Department of Computer Information Systems, UT Pan American, 2001-2003.
- Member of the Faculty Recruitment Committee, Department of Computer Information Systems, UT Pan American, 2002.
- Faculty advisor for the AITP Network Design student competition, UT Pan American, 2002
- Member of the Faculty Senate, TAMU-C, 2003-2009
- Member of the Faculty Senate University Facilities and Scheduling Committee, TAMU-C, 2005-2006.
- Member of the Faculty Senate Budget Committee, TAMU-C, 2006-2008.
- Member of the Faculty Senate Admission and Retention of Students Committee, TAMU-C, 2008.
- Member of the College of Business and Technology Accreditation Embedded Assessment Committee, TAMU-C, 2006-2009.
- Member of the College of Business and Technology Scholarship Committee, TAMU-C, 2006-2009
- Member of the Academic Program Review Committee, Department of Business and MIS, TAMU-C, 2006-2009.
- Member (and Chair) of the Distance Learning Committee, TAMU-SA, Fall 2009-present. Role: Develop evaluation criteria for hybrid and online courses. Identify faculty training needs and required skills for teaching hybrid and online courses. Provide recommendations. Prepare Distance Education Plan for the Coordinating Board.
- Member of the Student Rating of Instruction Committee, TAMU-SA, Summer 2010-present. Role: Implement an instrument for student rating of instruction (SRI) in an online format. Construct a custom online instrument and identify items. Evaluate instrument in terms of reliability and internal consistency.
- Member of the Curriculum Committee, College of Business, TAMU-SA, Fall 2009-present. Role: Review core business curriculum, identify required and elective courses. Review proposals for curriculum changes.
- Member of the Online MBA Committee, College of Business, TAMU-SA, Spring 2012-present. Role: Review admission criteria, review proposed changes, and provide information for the external review.
- Member of the Teaching and Learning Conference Committee, College of Business, TAMU-SA, Fall 2009-present. Manage proposal submission process, peer review process, author notifications, coordinate presentation times, organize sessions, elaborate program, and manage conference e-mail communications.
- Member of the Faculty Recruitment Committee for Management Science position, Department of Business, TAMU-SA, Fall/Spring 2010.
- Member of the Faculty Recruitment Committee for Management Science position, Department of Business, TAMU-SA, Fall/Spring 2011.

- Member of the Faculty Recruitment Committee for Management position, Department of Business, TAMU-SA, Fall/Spring 2011.
- Member of the Faculty Recruitment Committee for Computer Science position, Department of Business, TAMU-SA, Fall/Spring 2012.
- Member of the Faculty Recruitment Committee for Computer Information Systems/Computer Science professional track and open rank positions, College of Business, TAMU-SA, Fall/Spring 2013. Evaluate candidate applications and evaluate credentials based on a ranking system. Conduct interviews, and attend candidate presentations. Provide recommendation.
- Participant in the IT Program Advisory Council Meeting, CISA program, TAMU-SA, 2012-present. Evaluate CISA program and identify strategies for improvement.
- Member of the University Information Technology Advisory Committee (ITAC), TAMU-SA, Spring 2011-present. Prepare policy framework and evaluate investments in Information Technology. Develop IT Strategic Plan. Meet with consultants from Deloitte as part of the TAMUS system IT assessment.
- Member of ITAC Sub Committee Meeting - Software/Hardware requests. Fall 2012-present. Develop procedure for new IT requests. Selection of Software for Academic Advising. Evaluate options for academic advising system, and e-portfolio system.
- Member of ITAC Sub Committee– Streaming Media Services. Fall 2012-present. Perform systems requirements analysis for the implementation of a streaming media server.
- Member of ITAC Sub Committee Meeting - LMS Selection. Fall 2012-present. Evaluate options for Learning Management Systems.
- Member of ITAC Sub Committee– E-mail services. Spring 2013-present. Perform systems requirements analysis for the transition of e-mail services.
- Member of the Faculty Senate. 2013-present. Role: Evaluate proposals submitted to the faculty senate and provide advisory recommendations.
- Member of the organization committee for the Southwest Regional Collegiate Cyber Defense Competition (SWCCDC). Fall 2013-present.

PROFESSIONAL SERVICE

- Book Review Editor for the *Journal of Global Information Technology Management* (2002-present).
- Member of the Decision Sciences Institute-Southwest Region. (2001-4, 2008-9, present)
- Member of the Global Information Technology Management Association (2001-2002, 2005, present)
- Member of the Consortium for Computing in Small Colleges. (Apr.1999-Apr. 2000 & Apr. 2001-2002)
- Member of the Association of Management/International Association of Management (1999-2000).
- Member of the Association of Information Systems (Aug. 2002-Aug. 2003, 2005)
- Member of INFORMS: Institute for Operations Research and Management Science (2005, 2013-present)

- Member of AITP, Association of Information Technology Professionals, Special Interest Group on Education (2013-present)
- Ad-hoc reviewer: *1st Annual Global Information Technology Management (GITM) World Conference*. (2000).
- Ad-hoc reviewer for the *Americas Conference on Information Systems (AMCIS) 2000*.
- Ad-hoc reviewer for *the Journal of Electronic Commerce*, 2000.
- Ad-hoc reviewer for the *32nd Annual Conference of the Decision Sciences Institute Southwest Region*, New Orleans, LA, February 28- March 3, 2001.
- Track Chair, Global IT Education Track, *Second Annual Global Information Technology Management World Conference*, Dallas, Texas, June 10-12, 2001.
- Session Chair, Global IT Education Track, *Second Annual Global Information Technology Management World Conference*, Dallas, Texas, June 10-12, 2001.
- Ad-hoc reviewer for the *33rd Annual Conference of the Decision Sciences Institute Southwest Region*, St. Louis, MO, March 2002.
- Ad-hoc reviewer for the *Journal of Association for Information Systems*, 2002.
- Ad-hoc reviewer for the *Journal for Information Systems Education*, 2002.
- Ad-hoc reviewer for the *Decision Sciences Institute Annual Conference*, San Diego, CA, November 2002.
- Member of the Cyber Innovation and Research Consortium (CIRC) committee, 2012-present. (CIRC's mission is to conduct, coordinate and promote cyber and cyber security innovation, research, and policy, with particular focus on basic and applied research, education and curriculum, and outreach. Participation in collaboration programs with several local universities and community colleges).
- Associate Editor for the *Southwest Teaching and Learning Journal*, 2011-present.
- Reviewer for the Blackboard Exemplary Course Program, 2013.
- Ad-hoc reviewer for the *Journal of Global Information Technology Management* (2013-present).

OTHER SERVICE

- Choir instructor and pianist
- Sunday school instructor
- Youth instructor
- Church Treasurer

OTHER

FACULTY DEVELOPMENT

Tour of HOLT Caterpillar, 5/11/2011.

Starboard system training, by S. Love, TAMU-SA, 9/25/2011

Online Cyber Curriculum: presentation by Al Davis, Director of Texas Engineering Extension Service (TEEX) Homeland Security Services, College Station, 9/23/2011.

Introduction to SAP, University Alliances Workshop, 10/5/2011 and 10/12/2011.

Webinar: Teaching Online for Beginners, TAMU-SA Faculty Development, 10/24/2011

Introduction to SAP ERP Using Global Bike, Inc.” University Alliances Workshop, 10/19/2011, 10/26/2011, 11/2/2011 and, 11/9/2011.

Introduction to SAP By Design University Alliances Workshop, 10/27/2011, 11/3/2011, 11/10/2011 and 11/17/2011

“Engaging Online: How to Create Great Discussions in Your Online Classes,” TAMU-SA Faculty Development Webinar, 11/1/2011

Faculty iPad 2 Training Session, by M. Martin, TAMU-SA, 2/8/2012

SAP ERP Simulation Game: pre-workshop 12/15/2011

AITP Information session, student organization meeting – presented by Kevin Jetton, Texas State University, 2/8/2012

SAP Academic Conference Americas 2012 & Workshops, San Antonio, TX, 3/23/2012.

Webinar on Tegrity, McGraw-Hill, 03/20/2012.

“Linking Students' Mobile, Social, Virtual Lives to their Understanding of Business,” TAMU-SA Faculty Development Webinar, 3/22/2012.

Keynote App Overview, by M. Martin, TAMU-SA, 3/28/2012.

Training: “Introduction to WileyPlus,” 10/17/2012.

Training: “WileyPLUS + Blackboard: Integrating All Your Course Materials in One Place,” 10/18/2012.

Webinar: “Tailoring Your Forecasting Methods to Improve Accuracy,” by ForecastX, 10/18/2012.

Presentation on IT infrastructure developments by Clear Peak: organized by the Greater San Antonio Chamber of Commerce and the San Antonio Economic Development Foundation, Port San Antonio, 10/19/2012.

Training: “Wiley Custom Select: Textbook Solutions that Meet the ‘Right Content, Right Price’ Challenge,” 10/25/2012.

“Professionalizing the Nation’s Cybersecurity Workforce: Criteria for Future Decision-Making,” organized by The National Academies, 03/27/2013, San Antonio, TX.

Southwest Teaching and Learning Conference 2013, San Antonio, TX, April 5-6, 2013 (attended several sessions).

Hyflex training, by S. Love, TAMU-SA, 5/3/2013.

ISECON/CONISAR annual conference, attended on November 7-9, 2013, San Antonio, TX.

ISECON Workshop Data Science and Big Data Analytics, EMC, November 7, 2013, San Antonio, TX.

ISECON Workshop Back to the Mainframe: IBM zEnterprise in the IS/CS & IT Curriculum, November 7, 2013, San Antonio, TX.

ISECON Workshop: EMC Academic Alliance - Educating Future IT Professionals, November, 2013, San Antonio, TX.

ISECON Workshop: WorkLight - A New Paradigm in Mobile Application Development, November, 2013, San Antonio, TX.

ISECON Workshop: Drinking from the Fire Hose: Tools for Teaching Big Data Concepts in the Introductory IT Classroom, November, 2013, San Antonio, TX.

ISECON Workshop: Data Analytics with R, November, 2013, San Antonio, TX.

Adobe Connect training, by R. Rodriguez, TAMU-SA, 12/5/2013.

SAP ERP Simulation Training, Huntsville, TX, January 6-9, 2014.

HONORS AND AWARDS

University of Texas at Arlington, Information Systems & Operations Management Doctoral Student Award, 1997

TCU M.B.A. Dean's list, 1994

Metropolitan University, CONACYT Summer Research Award, 1994

University of Baja California, Merit Scholar Award, 1994

California State University, Summer Exchange, 1993

Listed in "Who's Who in North American Education" (2010-2011 Edition).

LANGUAGE SKILLS

Fluent in English and Spanish, proficiency in French, basic Portuguese