Tom L. Roberts, Ph.D.

Professor of Computer Information Systems
Department Chair
Computer Science Department
College of Business and Technology
University of Texas at Tyler

Curriculum Vitae

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Department of Computer Science
College of Business and Technology
University of Texas at Tyler
Tyler, TX 75799

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Education

Doctor of Philosophy   Auburn University   1993
Information Systems

Master of Business Administration   Auburn University   1988

Bachelor of Arts   University of Oklahoma 1986

Academic and Administrative Appointments

University of Texas at Tyler
- Professor of Information Systems (2015-Present) w/tenure
- Department Chair (2015-Present)

Louisiana Tech University, College of Business (2006-2015)
- Clifford R. King Professor of Information Systems (2007-2015) w/tenure
- CIS Coordinator (2010-2015)
- Director, Center for Information Assurance (2009-2015)
- Professor (2007-2015) w/tenure
- Associate Professor (2006-2007)

University of Kansas, College of Business (2001-2006)
- Assistant Professor

University of Central Florida, College of Business (1997-2001)
- Assistant Professor

Middle Tennessee State University, College of Business (1993-1997)
- Assistant Professor

Auburn University, College of Business (1988-1992)
- **Graduate Teaching Assistant**

Adjunct Faculty Member (1992-1993)
- Auburn University – Montgomery
- University of Central Texas
- Northeastern State University

Research Interests

Information Security – Organizational Insider and Computer Abuse
Information Security and Assurance
Computer Privacy and Online Disclosure
Information Quality
IT Research Methods

Teaching Interests

Information Security and Information Assurance
Information Assurance Risk Assessment
Computer Forensics
Telecommunications/Management and Networking
Systems Analysis and Design

Honors and Awards

- Dean Foundation Research Award (2013-2014)
- Dean Foundation Research Award (2012-2013)
- Nominated for University Senate Chair Award by College of Business Peers (2007-2008)
- Dean Foundation Research Award (2006-2007)
- Galloway MIS Service Award 1999-2000: Annual award for outstanding service to the department.

Research
Journal Articles

1.   Posey, C., Roberts, T., and Lowry, "The Impact of Organizational Commitment on Insiders' Motivation to Protect Organizational Information Assets and Protection-Motivated Behaviors," submitted to *Journal of Management Information Systems*, accepted July 13, 2015, forthcoming. (SJR Impact Factor 2.326)

2.   Burns, A., Young, J., Ellis, S., Roberts, T., and Courtney, J., "Exploring the Role of Contextual Integrity in Electronic Medical Record (EMR) System Workaround Decisions: An Information Security and Privacy Perspective, *AIS Transactions on Human Computer Interaction*, accepted January 24, 2015, forthcoming.

3.   Lowry, P., Posey, C., Bennett, R., and Roberts, T., "Leveraging Fairness Theory to Explain How Explanation Adequacy of Security Policy Changes and Organizational Trust Decrease Organizational Computer Abuse," submitted to *Information Systems Journal,* accepted December 31, 2014, forthcoming. (SJR Impact Factor 1.867)

4.   Posey, C., Roberts, T., Lowry, P., and Bennett, R., "Multiple Indicators and Multiple Causes (MIMIC) Models as a Mixed-modelling Technique: A Tutorial and an Annotated Example," *Communications of the Association of Information Systems*, accepted September 9, 2014, forthcoming. (SJR Impact Factor .535)

5.   Posey, C., Roberts, T., Lowry, P., and Hightower, R., "Bridging the Divide: A Qualitative Comparison of Information Security Thought Patterns between Information Security Professionals and Ordinary Organizational Insiders," *Information & Management*, Vol. 51., No. 5, July 2014, pp. 551-567. (SJR Impact Factor 1.179)

6.   Lowry, P., Posey, C., Roberts, T., and Bennett, R., "Is your banker leaking your personal information? The roles of ethics and individual-level cultural characteristics in predicting organizational computer abuse in the financial services industry," *Journal of Business Ethics",* Vol. 121, No. 3, pp. 385-401. (SJR Impact Factor 1.110)

7.   Posey, C., Roberts, T., Bennett, R., Lowry, P., and Courtney, J., "Insiders' Protection of Organizational Information Assets: Development of a Typology of Protection-Motivated Behaviors," *MIS Quarterly,* Vol. 37 No. 4, December 2013, pp. 1189-1210. (SJR Impact Factor 6.184)

8.   Lowry, P., Gaskin, J., Twyman, N., Hammer, B., and Roberts, T., "Not Just Fun and Games: Proposing the Interactivity-Stimulus-Attention Model to Explain and Predict Enjoyment, Immersion, and Adoption of Gaming Systems," *Journal of Association of Information Systems,* Vol. 14, No. 11, November 2013, pp. 617-671. (SJR Impact Factor 2.943)

9.   Lowry, P., Roberts, T., Romano, N., "What Signal is Your Inspection Team Sending to Each Other? Using a Shared Collaborative Interface to Improve Shared Cognition and Implicit Coordination in Error-Detection Teams," *International Journal of Human Computer Studies*, Vol. 71, No. 4, April 2013, pp. 455-474. (SJR Impact Factor .898)

10. Posey, C., Bennett, R., and Roberts, T., "Understanding the Mindset of the Abusive Insider: An Examination of Insiders' Causal Reasoning Following Internal Security Changes," *Computers & Security*, Vol. 30, No. 6-7, (2011), pp. 486-497. (SJR Impact Factor 1.051)

11. Posey, C., Bennett, B., Roberts, T., and Lowry, P., "When Computer Monitoring Backfires: Invasion of Privacy and Organizational Injustice as Precursors to Computer Abuse," *Journal of Information System Security*, Vol. 7. No. 1 (2011), pp. 24-47.

12. Posey, C., Lowry, P., Roberts, T., and Ellis, S., "The Culture-Influenced Online Community Self-Disclosure Model: The Case of Working Professionals in France and the UK Who Use Online Communities," *European Journal of Information Systems*, Vol. 19, No. 2, (2010), pp. 181-195. (SJR Impact Factor 1.507)

13. Lowry, P., Roberts, T., Dean, D., and Marakas, G., "Toward Building Self-sustaining Groups in PCR-based Tasks through Implicit Coordination: The Case of Heuristic Evaluation," *Journal of the Association of Information Systems (JAIS),* Vol. 10, No. 3, (2009). (SJR Impact Factor 2.943)

14. Leigh, W., Frohlich, C., Hornik, S., Roberts, T. and Purvis, "Trading with a Stock Chart Heuristic," *IEEE Transactions on Systems, Man, and Cybernetics*, *Part A*, January 2008, Vol. 38, No. 1, pp.93-104. (SJR Impact Factor 1.597)

15. Henry, R., McCray, G., Purvis, R., and Roberts, T., "Exploiting organizational knowledge in developing IS project cost and schedule estimates: An empirical study," *Information & Management,* Vol. 44, September 2007, pp. 598-612. (SJR Impact Factor 1.179)

16. Romano, N., Lowry, P., and Roberts, T., "Technology-Supported Small Group Interaction: Building on a Tradition of Leading Research for Global Organizations," *Small Group Research*, Vol. 38, No. 1, February 2007, pp. 1-15. (SJR Impact Factor .726)

17. Lowry, P., Roberts, T., Romano, N., Cheney, P., and Hightower, R., "The Impact of Group Size and Social Presence on Small Group Communication," *Small Group Research*, Vol. 37, No. 6, December 2006, pp. 1-31. (SJR Impact Factor .726)

18. Roberts, T., Lowry, P., and Sweeney, P., "An Evaluation of the Impact of Social Presence through Group Size and the Use of Collaborative Software on Group Member "Voice" in Face-to-Face and Computer-Mediated Task Groups," *IEEE Transaction on Professional Communication*, Vol. 49, No. 1., January 2006, pp. 28-43. (SJR Impact Factor .320)

19. Roberts, T., Cheney, P., Sweeney, P., and Hightower, R., "The Effects of Information Technology Project Complexity on Group Interaction," *Journal of Management Information Systems*, Winter 2004-2005, Vol. 21, No. 3, pp. 223-248. (SJR Impact Factor 2.326)

20. Purvis, R., McCray, G., and Roberts, T., "Heuristics and Biases in Information System Project Management," *Engineering Management Journal*, June 2004, Vol. 16, 2, pp. 19-27. (SJR Impact Factor .356)

21. Roberts, T., Cheney, P., and Sweeney, P., "Project Characteristics and Group Communication," *IEEE Transactions on Professional Communication*, Vol. 45, 2, (June 2002), pp. 84-98. (SJR Impact Factor .320)

22. Leigh, W., Modani, N., Purvis, R. and Roberts, T. "Stock Market Trading Rule Discovery Using Technical Charting Heuristics," *Expert Systems with Applications*, Vol. 23, No. 2, 2002, pp. 155-159. (SJR Impact Factor 1.996)

23. Roberts, T., Cheney, P., and Sweeney, P., "Group Interaction with Highly Complex Projects," *Engineering Management Journal*, Vol. 14, 2, 2002, pp. 13-19. (SJR Impact Factor .356)

24. Roberts, T, Purvis, R., Leigh, W., and Parzinger, M., "Utilizing Knowledge Links in the Implementation of System Development Methodologies," *Information and Software Technology*. Vol. 43, No. 11, 2001: pp. 635-641. (SJR Impact Factor 1.391)

25. Roberts, T., Gibson, M., Rainer, K., and Fields, K., "Response to 'Comments on Factors that Impact the Implementation of a Systems Development Methodology,'" *IEEE Transactions on Software Engineering*, Vol. 27, No. 3, March 2001, pp. 282-286. (SJR Impact Factor 2.194)

26. Roberts, T., Purvis, R., and Leigh, W., "Perceptions on Stakeholder Involvement in the Implementation of System Development Methodologies," *Journal of Computer Information Systems*, Vol. 40, No. 3, Spring 2000, pp. 78-83. (SJR Impact Factor .549)

27. Roberts, T., Purvis, R., and Parzinger, M., "The Perceived Need and Usage of Project Management Control During the Implementation of System Development Methodologies," *Journal of Information Technology Management.* Vol. 10, 3-4, 1999, pp. 25-34.

28. Roberts, T., "Why Can't We Implement this SDM," *IEEE Software,* Vol. 16, No. 6, November 1999, pp. 15-17. (SJR Impact Factor 1.096)

29. Roberts, T., Gibson, M., and Fields, K., "System Development Methodology Implementation: Perceived Aspects of Importance," *Information Resource Management Journal,* Vol. 12 No. 3, July-September 1999, pp. 27-38. (SJR Impact Factor .201)

30. Roberts, T., Gibson, M., Fields, K., and Rainer, K., "Factors that Influence System Development Methodology Implementation," *IEEE Transactions on Software Engineering*, Vol. 24, No. 8, August 1998, pp. 640-649. (SJR Impact Factor 2.194)

31. Roberts, T., Gibson, M., and Ledbetter, W., "Effective Systems Development Management: The Experts' Advice," *Systems Development Management,* Fall 1997, Vol. 3, pp. 1-13.

32. Gibson, M. and Roberts, T., "Systems Development Methodology: The Misunderstood Cornerstone of Business Modeling and Software Engineering," *Journal of Computer Information Systems*, Winter 1996-1997, pp. 70-84. (SJR Impact Factor .549)

33. Ford, N., Ledbetter, W., and Roberts, T., "The Impact of Decision Support Training on Computer Use: The Effect of Prior Training, Age, and Gender," *Journal of End User Computing,* Vol. 8, No. 3, Summer 1996, pp. 15-23. (SJR Impact Factor .248)

34. Roberts, T. and Hughes, C., "Obstacles to Implementing a System Development Methodology," *Journal of Systems Management*, March/April 1996, pp. 36-41.

35. Roberts, T. and Gibson, M., "Important Considerations for Training on System Development Methodology," *Journal of Computer Information Systems*, Vol. 36, No. 2, Winter 1995-1996, pp. 76-82. (SJR Impact Factor .549)

36. Sankar, C., Ledbetter, W., Snyder, C., Roberts, T., McCreary, J., and Boyles, W., "Perception of Reward Systems in Information Intensive Companies: Comparison Between Technologists and Managers," *IEEE Transactions on Engineering Management*, Vol. 38, No. 4, November, 1991, pp. 349-358. (SJR Impact Factor .972)

Book Chapters and White Papers

1. Burns, A., Posey, C., and Roberts, T., "The Insider Threat: A Multi-factor Examination of the Deterrents to and Motivators of Employees' Computer Abuse," in Seigfried-Spellar, K.C. & Lanier, M. (Eds.). (2013). Essential Readings in Cybercrime Theory and Policy: Preliminary Edition. San Diego, CA: Cognella.

2. Posey, C., Roberts, T., and Courtney, J., "Transforming Government Employees into Cyber Defenders," White Paper with IBM Center for the Business of Government, January 2011.

3. Posey, C. and Roberts, T., "Identifying Insider Security Threats: Adverse Information Behaviors from the Perspective of the Organizational Insider," National Security Agency White Paper, January 2011.

4. Srivastava, R.P., Buche, M.W., and Roberts, T. "Belief Function Approach to Evidential Reasoning in Causal Maps," (2005), in Causal Mapping for Research in Information Technology, V.K. Narayanan and Deborah J. Armstrong (Eds.), Idea Group Publishing: Hershey, PA, pp. 109-141.

Journal Articles Currently Under Review

1. Bovee, M., Roberts, T., Srivastava, R., and Posey "Information Quality from Supplier and Consumer Perspectives: Validation of an Integrated Theoretical Model in a Healthcare Context," submitted to *Information Systems Research* under first review.

2. Burns, A., Posey, C., Roberts, T., and Lowry, P., "Broadening the Coping-Response Mechanism within Protection Motivation Theory: The Influence of Psychological Capital on Organizational Insiders' Security Motivation," submitted to *Journal of the Association of Information Systems*, under second review.

3. Burns, A., Nanayakkara, P., Courtney, J., Roberts, T., and Posey, C., "Organizational Information Security as a Complex Adaptive System: Insights from Three Agent-Based Models," submitted to *Information Systems Frontiers*, under first review.

4. Bovee, M., Roberts, T., and Srivastava, R., "Decision-Useful Financial Reporting Information Characteristics: An Empirical Validation of the Proposed FASB/IASB International Accounting Model," submitted to *International Journal of Accounting Information Systems*, under first review.

Grants – Awarded and Under Review

1. Primary PI: Roberts, T.; Co PIs: Posey, C., Bennett, R., and Cochran, J., "Behavioral Information

Security: An Integration of Organizational Insiders' Detrimental and Protective Behaviors," National Science Foundation, Secure and Trustworthy Cyberspace (SaTC), NSF 12-503, submitted January 2012, $466,409, not funded.

2.	Primary PI: Roberts, T.; Co PIs: Fuller, C., and Courtney, J., "Smart Mobile Device Forensics Laboratory," Technology Enhancement Grant – Louisiana Board of Regents 2012, **Awarded May 2012, $51,100**.

3.	Primary PI: Alshare, K.: Co PIs: Bence, K., Posey, C., Roberts, T., and Lane, P., "Organizational Insider Security: Cross Cultural Perspectives," submitted to Qatar National Research Program QNRP – submitted in December 2011, $442,000, not funded.

4.	Primary PI: Roberts, T., "College of Business Virtual Network," Louisiana Board of Regents Technology Enhancement Grant, **Awarded May 2011, $29,300**.

5.	Primary PI: Posey, C; Co PIs: Roberts, T., and Courtney, J., "Transforming Government Employees into Cyber Defenders," IBM Center for the Business of Government, **Awarded April 2010, $20,000**.

6.	Primary PI: Roberts, T., "Information Assurance Mobile Laboratories," Louisiana Board of Regents Technology Enhancement Grant, **Awarded August 2009, $79,600**.

7.	Primary PI: Posey, C.; Co PI: Roberts, T., "Protection-Motivated Behaviors of Organizational Insiders," U.S. Department of Defense, Defense Personnel Security Research Center (PERSEREC), **Personnel Security Research Dissertation Award - $14,084**.

8.	Primary PI: Roberts, T., "Center for Information Assurance," Argent Financial, **Awarded April 2008 - $20,000**.

Proceedings and Presentations

1.	Burns, A., Roberts, T., Posey, C., Bennett, R., and Courtney, J., "Assessing the Role of Security Education, Training, and Awareness on Insiders' Security-related Behavior: An Expectancy Theory Approach," HICSS-48 Kauai, HI, January 3-7, 2015.

2.	Young, J., Ellis, S., Courtney, J., Roberts, T., and Burns, A., "Ethical Evaluation of Electronic Medical Records System Workarounds: Implications for Patient Privacy & Information Security," National Decision Science Institute Meeting, Tampa, FL, November 23-25, 2014.

3.	Burns, A., Young, J., Ellis, S., Roberts, T., and Courtney, J., "Exploring Role of Contextual Integrity in Electronic Medical Record (EMR) System Workaround Decisions," Human-Computer Interaction in Health and Wellness Research Workshop jointly hosted by AIS SIG-Health and SIGHCI. Pre-AMCIS, Savannah, GA, August 7 2014.

4.	Nanayakkara, P., Courtney, J., Roberts, T., and Ellis, T., "Individual Control over the Context-Specific Concerns in Healthcare Information Privacy," Southwest Decision Sciences Institute, Dallas, TX. (March 15, 2014).

5.	Young, J., Roberts, T., Courtney, J., and Ellis, T., "Whistleblowing & Information Security: Suggestions for Future Research," Southwest Decision Sciences Institute, Dallas, TX. (March 15, 2014).

6.   Burns, A., Posey, C., Roberts, T., and Bennett, R., "Technology Deviance: When the Dark Side Turns Technical," Southwest Decision Sciences Institute, Albuquerque, NM. (March 16, 2013).

7.   Young, J., Ellis, S., Roberts, T., and Courtney, J., "Multidimensional Evaluation of IT Ethical Scenarios: Privacy & Security," Southwest Decision Sciences Institute, Albuquerque, NM. (March 14, 2013).

8.   Burns, A., Nanayakkara, P., Courtney, J., and Roberts, T., "Complex Adaptive Systems, Agent-Based Modeling and Information Assurance," 18th Americas Conference on Information Systems (AMCIS), Seattle, WA, August 9-11, 2012.

9.   Burns, A., Posey, C., Roberts, T., and Courtney, J., "The Influence of Psychological Capital on Motivating Employees to Perform Protective Motivated Behaviors," Southwest Decision Sciences Institute Conference, New Orleans, LA., February 29 – March 3, 2012.

10.   Nanayakkara, P., Roberts, T., Posey, C., Courtney, J., "The Role of Organizational Justice in Applying General Deterrence Theory to Curb Internal Computer Abuse," Southwest Decision Sciences Institute Conference, New Orleans, LA., February 29 – March 3, 2012.

11.   Posey, C., Roberts, T., and Hightower, R., "Motivations for and Deterrents to Insider Computer Abuse: An Empirical Investigation," National Decision Sciences Institute Conference in Boston, MA, November 20-23, 2011.

12.   Roberts, T., "Developing a Information Assurance Program," 4th Cyberspace Security Workshop, Shreveport, LA, November 15, 2011.

13.   Posey, C., Roberts, T., Lowry, P., "Motivating the Insider to Protect Organizational Information Assets: Evidence from Protection Motivation Theory and Rival Explanations," Dewald Roode Information Security Workshop, IFIP WG8.11/11.13, Blacksburg, VA., September 23 & 24, 2011.

14.   Posey, C., Roberts, T., Lowry, P., and Bennett, R., "Leveraging Fairness Theory: How Explanation Adequacy of Security Policy Changes Decreases Organizational Computer Abuse," Special Interest Group Human Computer Interaction (SIGHCI) Pre-ICIS Workshop, St. Louis, MO., December 12, 2010.

15.   Posey, C. and Roberts, T., "Identifying Insider Security Threats: Adverse Information Behaviors from the Perspective of the Organizational Insider," 2010 National Security Agency Center of Academic Excellence Workshop on Insider Threat, St. Louis, Missouri, November 14th, 2010.

16.   Posey, C., Roberts, T., Bennett, B., Courtney, J., and Lowry, P. (2010). Insiders' Protection of Organizational Information Assets: A Multidimensional Scaling Study of Protection-Motivated Behaviors. Dewald Roode Information Security Workshop, IFIP WG 8.11, Bentley University, Waltham, Massachusetts, October 8-9, 2010.

17.   Posey, C., Roberts, T., Bennett, R., Courtney, J., and Lowry, P., "Perceptions of Information Security: Comparing Security Experts and Users," National Decision Science Institute Meeting, New Orleans, LA, November 14-17. 2009.

18.   Brewer, K., Courtney, J., and Roberts, T., "Inquiring Decision Systems: A Churchmanian Approach to Ethical Decision Making," 15th Americas Conference on Information Systems (AMCIS), San Francisco, CA August 6-8, 2009.

19. Bovee, M., Roberts, T., and Srivastava, R., "Decision-Useful Financial Reporting Information Characteristics," 15th Americas Conference on Information Systems (AMCIS), San Francisco, CA August 6-8, 2009.

20. Posey, C., Roberts, T., Bennett, R., Lowry, P., and Courtney, J., "Conceptual Framework for Protection Motivation Strategies," National Decision Sciences Institute Meeting, Baltimore, MD, November 22-25, 2008.

21. Bovee, M., Roberts, T., and Srivastava, R., "Characteristics of Decision-Useful Financial Reporting Information: An Empirical Validation of the Proposed International Accounting Model," 13th International Conference on Information Quality (ICIQ-2008) MIT, Cambridge, Massachusetts, USA, November 14-16, 2008.

22. Lowry, P., Twyman, N., Gaskin, J., Hammer, B., Roberts, T., and Bailey, A., "Proposing the Interactivity-Stimulus-Attention Model (ISAM) to Explain and Predict the Enjoyment, Immersion, and Adoption of Purely Hedonic Systems," Special Interest Group Human Computer Interaction (SIGHCI) Pre-ICIS Workshop, Montreal Canada, December 2007. Nominated for Best Paper.

23. Posey, C., Roberts, T., Ellis, S., and Bennett, R., "A New Perspective on Computer Abuse and Organizational Disincentives," National Decision Science Institute Meeting, Phoenix, AZ, November 2007.

24. Roberts, T., "Introduction to Information Assurance," Armed Forces Communications and Electronics Association (AFCEA), Barksdale Air Force Base, Bossier City, LA, October 2007.

25. Lowry, P., Roberts, T., and Higbie, T., "First Impressions with Websites: The Effect of the Familiarity and Credibility of Corporate Logos on Perceived Consumer Swift Trust of Websites," HCI 2007, Beijing, China, July 2007.

26. Roberts, T., Lowry, P., Cheney, P., and Hightower, R., "Examining Differences in Communication Among Groups Working in Working in Traditional Face-to-Face, Computer-Mediated Face-to-Face, and Computer-Mediated Virtual Groups," HICSS-39 Kauai, HI, January 3-7, 2006.

27. Roberts, T., Lowry, P., Cheney, P. and Hightower, R., "The Impact of Collaborative Software on Group Communication," National Decision Science Institute Meeting, November 19-23, San Francisco, CA, 2005

28. Lowry, P., Roberts, T., and Craine, B., "Familiar logos of websites designed for small user interfaces," HCI 2005 Las Vegas, NV, July 2005.

29. Roberts, T., Lowry, P., and Romano, N., "Improving Design Artifact Reviews with Group Support Systems and an Extension of Heuristic Evaluation Techniques," HICSS-38 Waikoloa, HI, January 3-6, 2005. Nominated for Best Paper.

30. Roberts, T., Strong, D., Srivastava, R., and Bovee, M., "Information Quality in Today's Business Environment," Panel Discussion, National Decision Science Institute Meeting, November 20-23, 2004, Boston, MA.

31. Roberts, T., Li, C., Lowry, P., and Romano, N., "Nomological Network of Trust In Virtual Teams," National Decision Science Institute Meeting, November 20-23, 2004, Boston, MA.

32. Lim, J. and Roberts, T., "Feedback Seeking Among Information Systems Professionals," National Decision Science Institute Meeting, November 20-23, 2004, Boston, MA.

33. Roberts, T. and Li, C. "Using Software and the Internet to Support a Network Design Project," National Decision Science Institute Meeting, November 20-23, 2004, Boston, MA.

34. Roberts, T., Sweeney, P., McFarlin, P., and Cheney, P., "Assessing Trust among IS Personnel: A View of General Trust, Trust of Management, and Inter-Organizational Trust," Proceedings of the Hawaii International Conference on Systems Sciences HICSS-37, Kona, HI, January 2004.

35. Lim, J., Richardson, V., and Roberts, T., "Information Technology Investment and Firm Performance," Proceedings of the Hawaii International Conference on Systems Sciences HICSS-37, Kona, HI, January 2004.

36. Roberts, T. and Lowry, P., "The Impact of Proximity, Group Size, and Tool Choices on the "Voice Effect": A Comparison of Individual Voicing in Traditional Face-to-Face, Computer-Mediated Face-to Face, and Virtual Computer-Mediated Groups," Special Interest Group Human Computer Interaction (SIGHCI) Pre-ICIS Workshop, Seattle, WA, December 12-13, 2003.

37. Roberts, T., Sweeney, P., and McFarlin, D., "Internal and External Trust among Accountants in the Post Enron and Andersen Environment," National Decision Science Institute Meeting, Washington D. C., November 22-25, 2003.

38. Roberts, T., Lim, J., Sweeney, P., and McFarlin, D., "Feedback Seeking among Auditors in Public Accounting Firms," National Decision Science Institute Meeting, Washington D. C., November 22-25, 2003.

39. Lowry, P. and Roberts, T., "Improving the Usability Evaluation Technique, Heuristic Evaluation, through the use of Collaborative Software," Americas Conference on Information Systems (AMCIS), Tampa, August 4-5, 2003. Nominated for Best Paper.

40. McCray, G., Purvis, R., and Roberts, T., "The Impact of Project Management Heuristics to IS Projects," Proceedings of the Hawaii International Conference on Systems Sciences HICSS-36, Kona, HI, January 2003.

41. Roberts, T., Wermus, M., Gibson, M., and Gober, W., "The Career of the Technical Professional: A Look at the Career Path and Reward Systems in Technical Polish Companies," Proceedings of the Hawaii International Conference on Systems Sciences HICSS-36, Kona, HI, January 2003.

42. Roberts, T., Sweeney, P., and, Cheney P., "Group Member Satisfaction: The Impact of Group Diversity and the Group Interaction Process On Complex IT projects," National Decision Science Institute Meeting, San Diego, CA, November 23-26, 2002.

43. Roberts, T., Wermus, M., and Gibson, M., "Job Satisfaction among IT Personnel in Poland," National Decision Science Institute Meeting, San Diego, CA, November 23-26, 2002.

44. Roberts, T., Cheney, P., and Sweeney, P., "Group Interaction Constructs for Hands-On LAN Projects: An Initial Investigation," Proceedings of the Hawaii International Conference on Systems Sciences HICSS-35, Kona, HI, January 2002.

45. Roberts, T. and Purvis, R., "The Use of Project Management During the Implementation of System Development Methodologies: Espoused Theory Verses Theory-In-Use," Proceedings of the Southern Management Conference, New Orleans, LA, November 1998.

46. Whitman, M., Gibson, M., and Roberts, T., "The Reengineering Levers of Change," National Decision Science Institute Meeting, San Diego, CA, November 22-25, 1997.

47. Roberts, T., Gibson, M., Hamm, J., and Peters, M., "Factors that Impact Instruction in the Distance Learning Environment," National Decision Science Institute Meeting, San Diego, CA, November 22-25, 1997.

48. Roberts, T., Gibson, M., and Hughes, C., "Personnel Involved in System Development Methodology Implementation: An Empirical Study," National Decision Science Institute Meeting, Orlando, FL., November, 1996.

49. Roberts, T., Peters, M., and Gibson, M., "Keys to Teaching in the Distance Learning Environment: A Pilot Study," National Decision Science Institute Meeting, Orlando, FL, November 1996.

50. Roberts, T., Coronel, C., and Gibson, M., "System Development with Client/Server Technology," International Association of Computer Information Systems Conference, Las Vegas, NV, September 25-29, 1996.

51. Roberts, T., Hughes, C., Gibson, M., and Fields, K., "Implementing an SDM Requires Commitment to Change," Southwest Decision Sciences Institute Meeting, San Antonio, TX, March 6-9, 1996.

52. Roberts, T., Hughes, C., Gibson, M., and Fields, K., "Personnel Involved in SDM Implementation," Southwest Decision Sciences Institute Meeting, San Antonio, TX, March 6-9, 1996.

53. Gibson, M., Roberts, T., and Hughes, C., "Enterprise Modeling: Its Role in System Development," Proceedings of the Pacific Rim Institute on Information Systems (PRISM), Maui, HI, January, 1996.

54. Roberts, T., and Gibson, M., "Training During the Implementation of a System Development Methodology," First Americas Conference on Information Systems (AMCIS), Pittsburgh, PA, August 25-27, 1995.

55. Roberts, T., Gibson, M., Ledbetter, W., and Stephens, C., "Automated Life Cycle Support Tools and the Systems Development Methodology," National Decision Science Institute Meeting, Honolulu, HI, November 1994.

56. Gibson, M., Roberts, T., and Boulton, W., Methodology: A Misunderstood Cornerstone of Enterprise Modeling," National Decision Science Institute Meeting, Washington D. C., November 1993.

57. McGaughey, R. and Roberts, T., "Telecommunications and the DSS: A Modification of the Sprague Framework," Southeast Decision Sciences Institute Conference, Savannah, GA, February, 1992.

Teaching Experience

Doctoral Committees:

Louisiana Tech University

1. Dissertation Committee Co-Chairman: A. J. Burns
Title: The Impact of Organizational Insiders' Psychological Capital on Information Security
Defended August 2013
Graduating November 2013
Initial Placement: Lecturer – Cornell University
Current University – Assistant Professor – University of Texas at Tyler

2. Dissertation Committee Chairman: Jim Watkins
Title: Converging Transnational Financial Reporting Standards: Validating the Joint FASB/IASB Concept of Information Quality
Defended May 2012
Graduated August 2012

3. Dissertation Committee Co-Chairman: Shallini Wunnava
Title: Application of Protection Motivation Theory to Study the Factors that Influence Disaster Recovery Planning : An Empirical Investigation
Defended January 2011
Graduated March 2011
Initial Placement: Assistant Professor - SUNY – Potsdam
Current University: Assistant Professor - SUNY – Potsdam

4. Dissertation Committee Chairman: Michael "Clay" Posey
Title: Protection-Motivated Behaviors of Organizational Insiders
Defended March 2010
Graduated May 2010
Initial Placement: Assistant Professor University of Arkansas - Little Rock (Fall 2010)
Current University: Assistant Professor University of Alabama – Tuscaloosa (Fall 2012)

5. Dissertation Committee Member: Ryan Samuel Sale
Title: Optimal Lot-Sizing, Pricing, and Product Intergenerational Lifestyle Decisions for the Case of Disruptive Innovations in Fashion
Defended October 2008
Graduated November 2008
Initial Placement: Assistant Professor Lamar University (Fall 2009)
Current University: Assistant Professor University of Texas – Brownsville (Fall 2012)

Dissertation Committee Member for current student: Prabhashi Nanayakkara

University of Kansas

1. Dissertation Committee Co-Chairman: Matt Bovee
Title: Information quality: A Conceptual Framework and Empirical Validation
Defended April 2004
Graduated May 2004
Initial Placement: Assistant Professor University of Vermont (Fall 2003)
Current University: Assistant Professor Norwich University

2. Dissertation Committee Co-Chairman: Mari W. Buche
Title: IT Professional Work Identity: Construct and Outcomes
Defended July 2003
Graduated December 2003
Initial Placement: Assistant Professor Michigan Tech University
Current University: Associate Professor Michigan Tech University

University of Texas at Tyler
Teaching:
Courses Taught: (teaching evaluation ratings/ 5.0 Scale)

COSC 5377 Simulation
Applied Techniques in Computer Simulation

Taught and Evaluation:
Summer 2015 (N/A)

Louisiana Tech University

Teaching:
Courses Taught: (teaching evaluation ratings/ 4.0 Scale)

CIS 643 Doctoral Seminar – Computer Networking and Security
Major streams of research in networking and security

Taught and Evaluation:
Winter 2015 (N/A)
Winter 2013 (N/A)
Winter 2011 (N/A)
Winter 2009 (N/A)

CIS 646 Doctoral Seminar – Information Systems Research Methods
Applying research methodology techniques to information systems research

Taught and Evaluation:
Winter 2014 (N/A)

Winter 2012 (N/A)
Winter 2010 (N/A)
Winter 2007 (4.0/4.0)

CIS 642 Doctoral Seminar – Advanced Systems Analysis and Design
Major streams of research in information systems analysis and design

Taught and Evaluation:
Fall 2006 (4.0/4.0)

CIS 544 Graduate Course - Advanced Telecommunications
Applied concepts in today's telecommunication environment
Course Taught at CenturyLink's Corporate Headquarters in Monroe, LA.
Designed Course for joint (with Electrical Engineering) Graduate Certificate in Communications Systems Program

Taught and Evaluation:
**Fall 2014 (4.0/4.0)
**Fall 2013 (3.9/4.0)
**Fall 2012 (3.9/4.0)
**Fall 2011 (4.0/4.0)

CIS 521 Graduate Course - Introduction to Information Assurance
Graduate survey course on computer security.
Designed Course for Graduate Certificate in Information Assurance Program

Taught and Evaluation:
*Spring 2012 (3.7/4.0)
Fall 2008 (3.9/4.0)
*Spring 2008 (3.4/4.0)
*Winter 2008 (3.6/4.0)

CIS 522 Graduate Course - Computer Forensics and Incidence Response
Applied techniques in computer forensics using Guidance Software's Encase, Access Data's FTK and Paraben Software's Device Seizure.
Designed Course for Graduate Certificate in Information Assurance Program

Taught and Evaluation:
Spring 2015 (N/A)
Spring 2014 (3.6/4.0)
Spring 2013 (N/A)
*Winter 2012 (3.9/4.0)
Spring 2011 (4.0/4.0)
*Winter 2010 (3.8/4.0)
Spring 2009 (3.7/4.0)
* Winter 2009 (3.7/4.0)

CIS 524 Graduate Course - Information Assurance Risk Assessment
Applied techniques to assess risk in modern information systems using NSA's ISAM
Designed Course for Graduate Certificate in Information Assurance Program

Taught and Evaluation:
Summer 2014 (N/A)
Summer 2013 (N/A)
*Summer 2012 (N/A)
*Summer 2011 (N/A)
Spring 2010 (3.6/4.0)
*Summer 2009 (N/A)
*Summer 2008 (N/A)

CIS 525 Graduate Course - Principles of Cryptography
Applied Concepts in modern cryptography
Designed Course for Graduate Certificate in Information Assurance Program

Taught and Evaluation:
Winter 2015 (4.0/4.0)
Winter 2014 (3.8/4.0)
Spring 2012 (3.8/4.0)
*Summer 2010 (N/A)

CIS 444 Undergraduate Course - Computer Networking
Basic applied computer networking course.

Taught and Evaluation:
Spring 2013 (N/A)
Spring 2011 (3.9/4.0)
Fall 2010 (3.9/4.0)
Spring 2010 (3.7/4.0)
Fall 2009 (3.7/4.0)
Fall 2008 (3.6/4.0)
Spring 2008 (3.9/4.0)
Fall 2007 (3.9/4.0)
Spring 2007 (3.9/4.0)
Fall 2006 (3.9 /4.0)

CIS 421 Undergraduate Course - Introduction to Information Assurance
Undergraduate survey course on computer security
Designed Course for Certificate in Information Assurance Program

Taught and Evaluation:
*Spring 2012 (3.8/4.0)
Fall 2008 (3.9/4.0)
*Spring 2008 (3.9/4.0)
*Winter 2008 (3.9/4.0)

CIS 422 Undergraduate Course - Computer Forensics and Incidence Response
Applied techniques in computer forensics using Guidance Software's Encase, Access Data's FTK and Paraben Software's Device Seizure. Designed Course for Certificate in Information Assurance Program

Taught and Evaluation:
Spring 2015 (N/A)

Spring 2014 (3.9/4.0)
Spring 2013 (N/A)
*Winter 2012 (3.9/4.0)
Spring 2011 (4.0/4.0)
*Winter 2010 (3.8/4.0)
Spring 2009 (3.8/4.0)
* Winter 2009 (3.6/4.0)

CIS 424 Undergraduate Course - Information Assurance Risk Assessment
Applied techniques to assess risk in modern information systems using NSA's ISAM
Designed Course for Certificate in Information Assurance Program

Taught and Evaluation:
Summer 2014 (N/A)
Summer 2013 (N/A)
*Summer 2012 (N/A)
*Summer 2011 (N/A)
Spring 2010 (3.8/4.0)
*Summer 2009 (N/A)
*Summer 2008 (N/A)

CIS 425 Undergraduate Course - Principles of Cryptography
Applied Concepts in modern cryptography
Designed Course for Certificate in Information Assurance Program

Taught and Evaluation:
Winter 2015 (3.9/4.0)
Winter 2014 (3.8/4.0)
Spring 2012 (3.8/4.0)
*Summer 2010 (N/A)

*Taught over twenty courses at Barksdale AFB in Bossier City, LA including:
(CIS 521/421, CIS 522/422, CIS 524/424, CIS 525/425)
Each of these courses were taught for the first time course at Louisiana Tech University

** Course taught at Fortune 500 company, CenturyLink, in Monroe, LA.
The Fall 2011 course was taught for the first time course at Louisiana Tech University

University of Kansas
Teaching: (times taught)

BUS 895 Graduate Course – IS Project Management (1)
Applied IT project management course

BUS 748 Graduate Course - Business Networking (3)
Applied computer networking course

BUS 735 Graduate Course – Systems Analysis and Design (1)
Applied systems development course

BUS 706 Graduate Course – Introduction to Information Systems (1)
MBA information systems survey course

IST 330 Undergraduate Course – Business Networking (8)
Applied computer networking course

University of Central Florida

Teaching: (times taught)

MAN 6546 Graduate Course - Quantitative Models for Business Decisions (4)
MBA applied management science course

ISM 6305 Graduate Course - Information Resource Management (3)
MBA basic information systems survey course
Taught on campus and in EMBA on site at Charles Schwab

ISM 6220 Graduate Course - Management of Telecommunications (2)
MBA IS core elective for concentration
Applied computer networking course

ISM 4932 Undergraduate Course - Advance Networking (1)
Advanced laboratory networking course

MAN 4540 Undergraduate Course - Decision Support Systems (1)
Introductory decision support systems course

ISM 4220 Undergraduate - Distributed Information Systems – Data Communications (18)
Basic applied computer networking course

ISM 4065 Undergraduate Course - Honors Theses in MIS (2)
Chaired two undergraduate honors theses

Middle Tennessee State University

Note: Taught INFS 310 through Distance Learning in compressed video classroom using full multimedia techniques. The central classroom contained 25 students with additional 20 students in the class at five remote locations in Tennessee.

Note: INFS 310 in off-campus undergraduate program at Bridgestone Plant in Lavergne, TN.

Note: Developed new Data Communications Course (INFS 490) – Course includes multiple projects such as developing Internet home pages using JAVA script for faculty members, university organizations, and small businesses, developing blueprints for a WAN (Wide Area Network), a physically putting together a LAN from installing network cards to running the actual network.

Note: Developed and designed new graduate Data Communications course (INFS 690) for Master of Science in Information Systems Program. Course was approved in Fall 1996 by Graduate Council.

QM 600 Graduate Course - MBA Statistics (4)
Primary MBA statistics course.
Taught on-site at Saturn Plant in Spring Hill, TN, Nissan Plant in Smyrna, TN, and Ingram Publishing in Smyrna, TN.

INFS 470 Undergraduate Course – MIS Projects/ Analysis and Design II (6)
Capstone IS projects course for seniors

INFS 490 Undergraduate Course - Data Communications/Networking (4)
Applied computer networking course

INFS 310 Undergraduate Course - Management Information Systems (8)
Core information systems survey course

INFS 220 Undergraduate Course - Microcomputer Applications (5)
Basic business computer applications course

QM 362 Undergraduate Course - Business Statistics II (8)
Second required undergraduate statistics course including ANOVA and regression

QM 261 Undergraduate Course - Business Statistics I (4)
First required undergraduate statistics course including probability and hypothesis testing

ADJUNCT FACULTY MEMBER (1992-1993)

Taught a variety of information systems and operations management courses at Auburn University – Montgomery, University of Central Texas, and Northeastern State University while finishing my dissertation.

Auburn University

Taught courses in undergraduate curriculum and assisted graduate faculty on research projects.

Teaching:

Courses Taught:(# of times)

MN 207 Introduction to Computer Programming (5)
MN 310 Principles of Management (1)
MN 314 Management Information Systems (9)
MN 401 Systems Analysis and Design (4)
MN 583 Database (2)
MN 404 Telecommunications Management/Networking (3)

MN 382 Microcomputer Applications Laboratory (2)
MN 380 Operations Management (4)

Courses ranged from a class size of 12 to auditorium sections of 150 students.

Service

Louisiana Tech University

Founding Director of Center for Information Assurance. (Spring 2008-Present)
Developed the first formal research center in the College of Business at Louisiana Tech University. It is the first research center in the college. The Center is funded by Argent Financial Group. The center's mission is to support research in information assurance. Since founding, the center has produced over 300K in research grants.

NSA/DHS National Center of Excellence in Information Assurance Research (CAE-R).
Project leader for Louisiana Tech's efforts to become a CAE-R. Tech was awarded this distinction in June 2012 and is one of less than 50 in the United States. This distinction was reaffirmed in March 2015 and will continue until 2020.

NSA/DHS National Center of Excellence in Information Assurance Education (CAE).
Project leader for Louisiana Tech's efforts to become a CAE. Louisiana Tech was awarded this distinction in June 2011 and is one of only 119 in the United States. This distinction was reaffirmed in May 2015 and will continue until 2020.

Developer and Designer of Information Assurance Graduate Certificate Program – Designed courses in Information Assurance (CIS 521, CIS 421), Computer Forensics and Incidence Response (CIS 522, CIS 422), Disaster Recovery and Business Continuity (CIS 523, CIS 423), Information Assurance Risk Assessment (CIS 524, CIS 424), and Principles of Cryptography (CIS 525, CIS 425). Designed and developed Information Assurance Graduate Certificate Program using NSA/DHS Committee on National Systems Security Guidelines. The IA Certificate Program was approved by the Louisiana Board of Regents in December 2007. The Certificate Program was certified for NSTISSI-4011 National Training Standard for Information Systems Security (INFOSEC) Professionals by the National Security Agency in March 2009. The Program was certified for CNSSI-4012 National Information Assurance Training Standard for Senior Systems Managers and CNSSI-4016 National Information Assurance Training Standard for Risk Analysts in November 2010.

Designed the Information Assurance Concentration for the Louisiana Tech MBA Program.

Developer and Designer of Information Assurance Mobile Laboratories – I developed two laboratories. The first is the base lab where students perform password cracking, packet sniffing, vulnerability testing, and test Cisco firewalls and switches. The second is a computer forensic laboratory that uses write blocks and Encase and FTK software.

Developer and Designer of Center for Information Assurance – Digital Forensics Laboratory – This is a physical laboratory that mimics a law enforcement digital forensics laboratory. Students use Encase, FTK, and Device Seizure software to investigate electronic devices from desktops to mobile phones.

Co-Developer of Communication Systems Graduate Certificate Program for CenturyLink

Designed courses in Advanced Telecommunications (CIS 544) for offsite program. The course was designed for online and traditional courses. Program went online in Fall 2010.

Designed the Telecommunications Concentration for the Louisiana Tech MBA Program.

Committee Work:

University Committee Work:

University Senate Member – College of Business representative for faculty governance at Louisiana Tech University.

CIS Faculty Representative – Louisiana Tech Center for Entrepreneurship and Information Technology (CENIT) – Member of Board of Directors (Fall 2006 to Present)

Project Lead for Louisiana Tech University application for National Center of Excellence in Information Assurance Research (CAE-R) – will apply in January 2012.

Louisiana Tech 2020 - Committee on Issues with Programs with Declining Enrollment (Fall 2011)

Member of Center for Secure Cyberspace (2007 to Present).

College Committee Work:
CIS Representative to Undergraduate Program Assessment Committee – Fall 2009 – Fall 2013
CIS Representative to Graduate Program Assessment Committee – Fall 2006 – Summer 2009
Project Lead for NSA Information Assurance Certificate Program – Summer 2007 - Present
Project Lead NSA Coursework Mapping for 4011-4016 Certifications - Summer 2007 - Present
Chair College Research Colloquium – Winter 2006 – Spring 2007
CIS Representative to College New Building Committee – Fall 2007 – Present
CIS Representative to College IT Security Committee – Fall 2007-Present

Department Committee Work:
CIS Graduate Curriculum (Chairman) – Fall 2006-Present
Undergraduate Curriculum (Chairman) – Fall 2006 – Present
CIS Faculty Search Committee 2007 (Chairman) – hired Jim Courtney and Christi Fuller

University of Kansas

Committee Work:

University IT Security Committee (Fall 2001 – Spring 2006) – Committee developed IT security policies for University and College of Business.

School of Business Website Development Committee - Fall 2003- Spring 2006
IS Search Committee (Member): School Year 2004-2005 - We hired Gabe Lee and Virginia Illie
IS Search Committee (Member): School Year 2003-2004 – We hired George Marakas
IS Search Committee (Member): School Year 2001-2002 – We hired Gilbert Karuga

AIS Advisory Curriculum Committee: Fall 2001- Spring 2006
AIS Workshop Series: IS Coordinator – Fall 2002- Spring 2005

The schedule included Mani Subramani (Minnesota), Barbara Wixom (Virginia), Jim Courtney (UCF), Varun Grover (Clemson), and Fred Davis (Arkansas) for the 2002-2003 Academic Year. The schedule included Dennis Galletta (Pittsburgh), Shaila Miranda (Oklahoma), George Marakas (Indiana), Larry Sanders (Buffalo), Lorne Olfman (Claremont), Jay Nunamaker (Arizona) for 2003-2004 Academic Year. The schedule included Sarv Devaraj (Notre Dame) and Fiona Nah (Nebraska) in Fall 2004.

Developed IST Network Laboratory – Lab includes a stand alone network for LAN Projects. Students build Local Area Networks using Windows 2003 Server and XP Workstation Software 4. Students get a hands-on perspective of installation, mirroring, network operations, troubleshooting and the use of RAID 5 drives. The server is also used for intranet applications, mail server, and distributed database applications. Currently, we have expanded the laboratory for use in the Advanced Telecommunications Course incorporating the use of Windows 2000, Windows NT, Novell, and Linux (UNIX) Platforms and Cisco routers and wireless Access Points.

University of Central Florida

Awards:

Galloway MIS Service Award 1999-2000: Annual award for outstanding service to the department.

Developed ISM Network Laboratory – Lab includes a stand alone network for LAN Projects. Students build Local Area Networks using Windows NT Server and Workstation Software 4 and Novell Netware 4.11. Students get a hands-on perspective of installation, mirroring, network operations, troubleshooting and the use of RAID 5 drives. The server is also used for intranet applications, mail server, and distributed database applications. Currently, we have expanded the laboratory for use in the Advanced Telecommunications Course incorporating the use of Windows 2000, Windows NT, Novell, and Linux (UNIX) Platforms and Cisco routers and frame relay switches.

Directed Internship E-Commerce Project with Pepsi-Cola Bottling Company. MIS Students developed an Intranet site for Pepsi Marketing Personnel for Southeast Region. The project extensively used database, Active Server Pages (ASP), JAVA Scripting, and HTML.

Committee Work:
Honors College Committee (Member) Fall 1999 to May 2001 - Working to develop Honors curriculum in the College of Business.

Department Search Committee (Member) Fall 2000 to May 2001 - Search for new MIS faculty that resulted in hiring three new faculty members for Fall 2001. Hires included Steve Hornik, J.J. Jiang, and Carol Saunders.

Department Search Committee (Member) Fall 1999 to May 2000 - Search for new MIS faculty that resulted in hiring two new faculty members for Fall 2000. Hires included Jim Courtney and Craig Van Slyke.

TIP College Committee (Member) Fall 1999 to May 2001 – Established criteria for presenting Teaching Performance Awards to College of Business Faculty.

University Computer Focus Group (Member) Spring 1999 – Advised the President and Provost on issues concerning computer programs at UCF including Computer Science, Computer Engineering, and MIS.

Department Chair Search Committee (Member) Fall 1998 to May 1999 - Member of search committee that

hired a new department chair in MIS in Spring 1999. Hired Paul H. Cheney.

Faculty Search Committee (Chairman) – Fall 1998 to May 1999 - Coordinated department search committee that resulted in the hire of three new faculty members in the new MIS Department.   Hires included Traci Hess, Richard Johnson, and Ross Hightower.

University Computer Network Committee (Member) 1998-2001 – Committee dealt with managing university network policy and regulations.

Middle Tennessee State University

AITP Faculty Advisor (Fall 1993-Spring 1997) – Advisor to student organization with close coordination with student officers. Procured guest speakers for meetings from EDS, Saturn, Nissan, State Farm Insurance, State of Tennessee, Deloitte & Touche, Andersen Consulting, IBM, Service Merchandise, Computer Task Group, and others. Organization hosted the Student Leadership Conference for Middle Tennessee Area 1994-1996. Took group of students to Student National Conference 1994-1995.

Cooperative Education – CIS Faculty Advisor (Spring 1994-Spring 1997) -- Coordinated CIS student Coops and assisted with their interview process. Visited students on job sites each semester they were working. Sites included Arnold Engineering Development Center, EDS, Paramount Packaging, City of Chattanooga, Army Corps of Engineers, Lexmark, and the Murfreesboro VA Medical Center.

Committee Work:

University:
Instructional Technology Grant Committee (Member), (1995-1997)

College:
College Steering Committee (Member) (1996-1997)
Student Committee (Chairman) (1996-1997)
Student and Alumni Committee (Member) (1993-1996)

Department:
Graduate Curriculum Committee (Member) (1996-1997)

Electronic Documents and Computer Software Authored

Roberts, T., *Self Concept Development Module*, Waco, Texas V. A. Medical Center, Long Term Mental Health Program, Developed in Toolbook 4.0, October 1996.

Roberts, T., *Symptom Management Module*, Waco, Texas V. A. Medical Center, Long Term Mental Health Program, Developed in Toolbook 4.0, October 1996.

Seminars and Workshops Attended

Cisco – CCNA Training Workshop, Cisco Inc., Bossier City, May 2008.
NSA – Information Assessment Methodology, Security Horizons Inc., Myrtle Beach, May 2007
NSA – Information Evaluation Methodology, Security Horizons Inc., Myrtle Beach, June 2007
Novell Networking, Atlanta 1996
Information Engineering Workbench Session, Knowledgeware Company, Atlanta 1994

NATIONAL SERVICE ACTIVITY

International Conference on Information Systems (ICIS)
Associate Editor – Information Security and Privacy Track (2015)

HICSS
Reviewer (2002-Present)

Decision Sciences Institute (DSI)
Member of National Nominating Committee (2007 to 2012)
Reviewer
Doctoral Consortium Panelist and Mentor for Strategic Research Planning Workshop (Washington D. C. 2003) and (Boston 2004)
Mini Conference Chairman for Technology in the Classroom – Boston (2004)
Conference Session Chair
Photographer – Assigned by Program Chair (2004)

AIS SIGHCI
Vice Chairman for Sponsorship - (September 2005 – July 2006)
Vice Chairman for Membership – (Fall 2003 - August 2005)
Executive Committee
Program Committee
Reviewer

Journal Reviewer
MISQ, JMIS, ISR, EJIS, ISJ, CACM, IEEE TPC, JAIS, JCIS, CAIS, and others.

Special Issue Editor - Small Group Research –February 2007 Issue. Co-guest senior editor of *Small Group Research: An International Journal of Theory, Investigation, and Application* for special issue on "Technology-Supported Small Group Research"; with co-guest editors (Nicholas C. Romano, Jr., Oklahoma State University; Paul Lowry, Brigham Young University).

Advisory Counsel - Member - Texas State Technical College - Network Security Technology, Waco, TX, 2010-Present.

Advisory Counsel - Member – Bossier Parish Community College – Information Technology, Bossier City, LA, 2012-Present.

AFFILIATIONS

Association of Information Systems (AIS)
ACM
AIS - SIGHCI (Special Interest Group Human Computer Interaction)
AIS - SIG-Security
United Nations IFIP Working Group G8.11/WG11.n Systems Security
IEEE Computer Society
IEEE Communication Society
Decision Sciences Institute
Southern Management Association
Association of Information Technology Professionals (AITP)
Association of Old Crows (AOC)
Armed Forces Communication and Electronics Association (AFCEA)

REFERENCES

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Additional references available upon request.