

Sandra J. Blanke

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College of Business
Assistant Professor
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Academic Background

Ph.D. Computer Information Systems (Nova Southeastern University), 2008
M.B.A. Telecommunications (University of Dallas), 1994
B.B.A. (University of Texas at Arlington), 1992

Certifications

Certified Information Systems Security Professional, 113183, 2007

Memberships

Information Systems Security Association (ISSA), 2005-2009, National
North Texas Electronic Computer Crime Association , 2006-2009, Regional
itService Management Foundation (itSMF), 2009, International
Southwest Decision Sciences Institute (SWDSI), 2007-2009, Regional
Decision Science Institute (DSI), 2009, National
Southwest Academy of Management (SWAM), 2009, Regional
North American Case Research Association (NACRA), 2008-2009, National
Southwest Case Research Association (SWCRA), 2009, Regional

WORK EXPERIENCE

Academic Experience

Assistant Professor, University of Dallas, Graduate School of Management (2005 - Present). Teaching focus in Information Assurance for MBA and MS degrees.

Non-Academic Experience

Director, Enterprise Organization !! Systems Design and Development , Verizon Communications (2000 - 2004). Director responsible for the overall success of

the premier customer line of business through effectively trained professional employees and efficiently developed processes, technologies, tools and complex systems.

Director, Strategic Markets Sales and Center Operations, GTE Communications (1999 - 2000). Directed business policy, system requirements, process design and implementation of all in support of the strategic markets business customer. Directed strategy, marketing, training and implementation of the first business InterNet Provisioning center to include 24/7 help desk, network monitoring and control. Directed development of the operational functions required to launch nationally broadband ATM, SMDS, Private Line, Managed Network Solutions and Managed Frame Relay.

Director, Medium Business Customer Operations, GTE Communications (1997 - 1999). Created all business components necessary to build and implement a competitive new business venture. Developed an inside sales, marketing strategy and implemented a sales engineering team focused on selling voice and data products. Created and implemented targeted marketing and go to market plans. Directed the development of metrics and productivity measurements to evaluate, track and measure the success of the business unit. .

Manager Service Delivery Process Planning and Design, GTE Communications (1996 - 1997). Responsible for planning and designing end-to-end processes for pre-sales, marketing, ordering, billing, provisioning, customer premise equipment installation, help and recovery.

Manager Network Operations, GTE Communications (1995 - 1996). Responsible for technologies and network tools for 200 central offices within 28 states. Analyzed performance of the narrowband and broadband national networks through network operations control centers.

Staff Manager, Data Network Marketing and Sales Engineering , GTE Communications (1992 - 1995). Managed data sales, engineering programs and products for sales to the large corporate customer. Developed sales offer, complex offer design and presented technical and application solutions to a customer base of over 500 complex enterprise customers. Created training and education programs to advance the voice focused sales force into an advanced data sales force.

Consulting

2005: Innovar Consulting, Energy industry consultant at CapGemini Energy responsible for developing continuous process improvement, procedures and system capabilities for TXU Energy, Electric Service and Electric Delivery business units. Responsibilities include building processes with business, state, federal and regulatory controls. Processes include a vast area of responsibility including disaster recovery, contingency planning, billing system implementation, as well as new and on-going business operations.

Paid Service

2008: IP3 Taught IP CISSP Bootcamp

Courses Taught

Foundations of Info Assurance (MBA)

Foundations of Information Technology (specialized masters)

Managing Information Security (MBA)

Mgmt Policy & Practice (MBA)

Research Practicum (specialized masters)

Other Teaching Activities

Capstone Field Projects

2009 - An economic development study for the Grayson County regional airport.

2009 - An organizational review for the development of an employee handbook for the Jim Lake Company

2009 - Study of the Electronic Medical Record system for Methodist Hospital Dallas and security vulnerabilities with remote access.

2008 - Forensics lab project simulation development for use in the University of Forensics II course with MBA and MS IA students. Researched forensics software pricing, vendor discussion and software recommendations.

2008 - Review and gap analysis of The 2006 Joint Commission hospital standards on information assurance compared to the 2009 Joint Commission hospital standards for the Texas Scottish Rite Hospital for Children (TSRHC).

2008 - Radio Frequency Identification (RFID) healthcare application research and recommendations based on ROI analysis reported in secondary research materials and primary research during the project.

2008 - Case study for the Visiting Nursing Association catastrophic building fire and report of lessons learned as reported by the CEO.

2007 - Radio Frequency Identification (RFID) Application investigation report for the University of Dallas - William Blakley Library.

2007 - Community Council of Greater Dallas (CCGD) Contingency Preparedness.

2007 - Research and Investigation of Security Metrics and Return on Security Investment (ROSI) for a Fortune 500 company (name withheld due to agreement with client).

2006 - Information Assurance Lab Proposal and Internet Policy Proposal Consideration for the University of Dallas

2006 - Information Assurance Review for the Diocese of Dallas Schools - Good Shepherd, Prince of Peace, and Christ the King

2006 - Information Assurance Policy Guide for the Roman Catholic Diocese of Dallas & Bishop Dunne High School

2005 - K-12 Internet Safety Awareness and Vulnerability Assessment Program Development

Course (New) - Creation/Delivery: Online

2009 - Developed TECH 7350 Managing Information Security - Spring 2009

2008 - Developed TECH 5350 Principles of Information Assurance

INTELLECTUAL CONTRIBUTIONS:

Refereed Proceedings

Full Paper

Blanke, S. J. & McGrady, E. (in press, 2009). Leadership tested by fire: From hot ashes to a cool recovery. *North American Case Research Association (NACRA)*.

Blanke, S. L. & McGrady, E. (in press, 2008). Are not-for-profit organizations ready for the next big disaster? The 7-steps to straight forward business continuity planning for not-for-profit organizational readiness. *Decision Sciences Institute (DSI) - Southwest (240)*, 9.

Brett, L., Blanke, S., Nielsen, C., & Koger, S. (in press, 2008). Defining Enterprise Computing: A new model proposal; the Death of the Intranet. *Decision Sciences Institute (DSI) - Southwest*.

Blanke, S. L., McGrady, E., Blaine, M., & Watson, T. (2007). How to Keep Going when the Going Gets Tough; Not-for-profit Continuity Planning in Preparation for Organizational Disruption. *International Academy of Business and Public Administration Disciplines Conference, 4 (306)*, 11.

Non-Refereed Articles

Landry, B. J., Koger, M. S. , Blanke, S. J. , & Nielsen, C. (in press, 2009). Using the Private-Internet-Enterprise (PIE) Model to Examine IT Risks and Threats Due to Porous Perimeters. *Journal is not in list - being petitioned*.

Book Chapters

Blanke, S. J. & McGrady, E. (2009). A Performance Based Approach to Continuity Planning. In James R. Langabeer II, FHIMSS, CMA (Ed.) *Performance Improvement in Hospitals and Health Systems*, (pp. 14). Chicago, IL: Healthcare Information and Management Systems Society.

Presentation of Refereed Papers

Landry, L. J. & Blanke, S. J. (2009). *Assessing Security Risks Within and Beyond Perimeter Boundaries*. Presented at MetroCon 2009 Innovating for Society, Arlington, Texas.

Blanke, S. L. & McGrady, E. (2008, March). *Are not-for-profit organizations ready for the next big disaster? The 7-steps to straight forward business continuity planning for not-for-profit organizational readiness*. Accepted for Decision Sciences Institute (DSI) - Southwest, Houston, Texas.

Landry, B., Blanke, S., Nielsen, C., & Koger, S. (2008, March). *Defining Enterprise Computing: A New Model Proposal - The Death of the Intranet*. Accepted for Decision Sciences Institute (DSI) - Southwest, Houston, Texas.

Presentation of Non-Refereed Papers

Blanke, S. L. (2007, May). *Not-for-Profit Disaster Preparedness*. Not-for-Profit Continuity Planning in Preparation for Organizational Disruption, Dallas, Texas.

Blanke, S. L. (2006, May). *The Sure Things in Life, Death, Taxes and there will be another Disaster*. 2006 Hudson NFP Leadership Institute Seminar, Dallas, Texas.

Research Grants

Funded

2009 - Blanke, S. J., "IASP Grant", GOV-Department of Defense (DD).

2008 - Blanke, S. L., "Automatic Identification & Data Capture Technical Institute", July 20-25 - Received grant provided by the AIM - Ohio University, AIDC Lab.

2008 - Blanke, S., "NSA Equipment Grant", Grant - Financial Manager Sandra Blanke, GOV-Department of Defense (DD), (\$43,000).

2006 - Blanke, S. J., "M.R. & Evelyn Hudson Foundation Advisory Committee Member and Researcher", Grant for \$12,000 for the M.R. Evelyn Hudson Foundation for the 2006-2007 academic year. The grant funded Research and training for Dallas-Fort Worth not-for-profit organizations in the area of disaster recovery and contingency preparedness., (\$12,000).

Pending

2009 - Blanke, S. J., "IASP - Grant", GOV-Department of Defense (DD).

Dissertation

A Study of the Contributions of Attitude, Security Policy Awareness and Computer Self Efficacy on the Employees Computer Abuse Intention in Business Environments.

Papers Under Review

Blanke, S. J. & Landry, B. J. L. (2009). "Creating student focused mobile learning (m-Learning) solutions," initial submission to .

Blanke, S., McGrady, E., & Baker, J. (2009). "Leadership tested by fire: From hot ashes to a cool recovery," revised and resubmitted to *North American Case Writing Research Journal (NACRA)*.

Levy, Y. & Blanke, S. (2009). "A Study of the Contributions of Attitude, Computer Security Policy Awareness, and Computer Self-Efficacy to the Employees' Computer Abuse Intention in Business Environments," initial submission to *Information Resources Management Journal*.

McGrady, E. & Blanke, S. (2009). "Nonprofit Organizational Continuity Planning, Disaster Recovery, and Readiness Indexing," revised and resubmitted to *Nonprofit Management & Leadership*.

Working Papers

Conger, S., Landry, B. J. , McGrady, E., & Blanke, S. (2009). "Potential for Disruptive Health Care Technologies: The Motes and Bots are Coming" targeted for *Journal Of Healthcare Management*.

Conger, S., Blanke, S., Poulios, N., & Livermore, J. (2009). "Two different approaches to successful capstones" targeted for *International Journal Of Information Technology Management*.

SERVICE:

Service to the University

College assignments:

Attendance At Ceremonies/graduation/univ. Events:

2006-2007 through 2009-2010: COB-GSM Graduation: University of Dallas

Concentration/program Support Activity:

2009-2010: Information Assurance Scholarship Program (IASP): Faculty representative for communicating with IA Students regarding the IASP, soliciting student materials, answering questions, and submitting all grant submission forms required by the Federal Government Department of Defense (DoD).

Developed Ia Lab Work:

2009-2010: Selected Forensics Software and Ordered for IA Lab

Faculty Sponsor (student Organizations):

2009-2010: Intern Sponsor for Jay Ramamurthi

2009-2010: Intern Sponsor for Jesus Castillo

Member:

2008-2009: Information Assurance Scholarship Committee

2008-2009: GSM Retention

2008-2009: COB Faculty Development

2008-2009: MS Continuous Improvement

2007-2008 through 2009-2010: IA committee member - Center of Professional Development (CPD) program: IA committee lead on the Center of Professional Development (CPD) program developed with IP3 to create the CISSP program

Student Recruiting And Orientation Sessions:

2009-2010: Frisco Campus July 7

University assignments:

Assurance Of Learning - Institutional Service:

2007-2008: Participated in Security Presentations: Participated in security presentations and seminars monthly to network and interview prospective clients for UD-IA capstone classes and student research projects.

2007-2008: Led the research and capstone class in creating the content that was used in the 2nd NFP Conference: How to Keep Going when the Going Gets Tough; Not-for-profit Continuity Planning in Preparation for Organizational Disruption held at the University of Dallas May 23, 2007. Information was utilized in NSA grant on the NFP work for 140 agencies in the Dallas area.

2006-2007: Faculty lead on creation of Internet Safety and Awareness Program for K-12: Faculty lead on creation of Internet Safety and Awareness Program for K-12 students in accordance with recommendations from the Attorney General !! Greg Abbott. Information was utilized in UD - NSA Grant, 2006

Other Institutional Service Activities:

2007-2008: Prepared Press Release: Created the press release for the CNSS 4016 certification program to promote the UD !! IA program

2007-2008: Participate in 2007 Security Colloquium at Boston University on behalf of UD's IA program: UD received the NSA CNSS 4016 (Risk Analyst) certification for the IA program.

2006-2007: Presentation: Presented "The Sure Things in Life !! Death, Taxes and there will be another Disaster" at the 2006 Hudson NFP Leadership Institute and supported the first seminar on "Challenges to NFP Leadership in Times of Disaster: Lessons Learned from Katrina and Rita" held at the University of Dallas May 12, 2006.

2006-2007: Faculty lead On Radio Frequency Identification: Faculty lead on Radio Frequency Identification (RFID) project to review, analyze and present the product applications and return on investment (ROI) analysis of 3M and other

vendor products. Recommendations were prepared and presented to UD !! Library Staff !! 2006.

Service to the Profession

2009: International Conference on Information Resources Management, Reviewed paper: Emerging Wireless LAN Mobility Protocols (International).

2008: Center of Professional Development - CISSP Training, Taught Disaster Recovery and Information Security legal requirements to prospective CISSP individuals within major corporations and the government. (National).

2007: Center of Professional Development Program, Certified Information Systems Security Professional (CISSP) preparation work for Center of Professional Development Program, May 2007. (Regional).

2007: Non Profit Public Sector and Public Administration Session, Session Discussant for the Non Profit Public Sector and Public Administration Session at the International Academy of Business and Public Administration Disciplines Conference, Dallas, Texas, May 2007., Irving, Texas (International).

2007: ISSA Conference Meetings, Organized the ISSA Conference Meetings at the UD Plano Campus in 2006 and 2007. (Local).

2006: for IP3 'IT Strategy To Reality Conference', Information Assurance Faculty chair for IP3 'IT Strategy To Reality Conference' at UD Plano Campus 2006, 2007. (Local).

Service to the Community

2008: Texoma Technical Economic Committee (TTEC), Local Economic Development Committee

2007: Board of Director on Property Owners Association, Secretary of the Home Owners Committee

2007: Created Emergency Response Contact Process, Monarch Ridge Property Owners Association, Denison, TX

Faculty Development

2009: Decision Sciences Institute (DSI) - Southwest. Attended Southwest Case Writing Association SWCRA meeting and presented VNA Embryo Case. Oklahoma City, Oklahoma.

2008: Decision Sciences Institute (DSI) - Southwest. Attended DWI-SW conference and presented (2) papers. One on disaster recovery and one on Defining Enterprise Computing. Houston, Texas.

Awards

2008: Award received from the LeHigh-Hanson Organization. In appreciation for your work and professional interest in case writing based on the Lehigh-Hanson faculty development workshop, we would like to invite you to attend and participate at the NACRA case writing conference in October. Financial funding in the amount of \$1571.00 was provided by Lehigh-Hanson and managed by Dr. Hilpirt., LeHigh-Hanson Organization Award.

2007: The research paper When the Going Gets Tough: Not for profit continuity planning in preparation for organizational disruption won a research award based on the competition among papers submitted to the IABPAD Conference held May 3-6, 2007 Dallas, Texas, IABPAD.

2007: Service Award as Session Discussant for 2007 Conference for International Academy of Business and Public Administration Disciplines, International Academy of Business and Public Administration Disciplines.

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