Curriculum Vitae

Thomas N. Janicki
Progress Energy / Gordon Hulbert
Distinguished Professor of Information Systems

Computer Information Systems Bldg #2052
University of North Carolina Wilmington
Wilmington, NC 28403
910.962.4077
http://csb.uncw.edu/people/janickit/

Primary Teaching/Research Interest:
Use of technology and innovation by organizations to be more competitive
Web-Based Learning

Specific Research Interests:
Information Systems and Instructional Technology Pedagogy
Employer Technology Needs

Specific Teaching Interests:
Device development and related technologies
Business applications/implementations enabling firms to be more competitive
Information Technology (IT) Management and IT Justification

Education:
Doctor of Philosophy, (Business Administration, - MIS), 1999
Kent State University, Kent OH
Dissertation Title: Increasing the effectiveness of web based tutorials by adding pedagogy to web-based authoring tools.

Masters of Business Administration, 1979
University of Pittsburgh
Pittsburgh PA

Bachelor of Sciences - Mathematics, 1974
Carnegie-Mellon University
Pittsburgh PA

Academic (Teaching Experience):
Professor - University of North Carolina Wilmington
Wilmington, NC
Management Information Systems
Cameron School of Business
1999 - Present

Full Time Instructor: Kent State University
Kent OH
Information Sciences Concentration
1995 - 1999

Instructor: Robert Morris College
Pittsburgh PA
Computer Information Sciences
1993 - 1997

Full Time Instructor: Indiana University of Pennsylvania

Indiana PA
Computer Science Department
1994 - 1995

Profession Work Experience:
Management Trainer and Consultant
Effective Management Group
Warrendale, PA 1987 - 1999

Owner and Manager- Two retail stores,
Pittsburgh, PA 1980 - 1987

Strategic/Financial Planning Analyst
PPG Industries
Pittsburgh, PA   1974 - 1980

Courses Taught:
- System Analysis/Capstone Project (2005-present)
- Web / Device - Client Side Development (2005-present)
- Information Technology Project Management (2011)
- Visual Basic.Net and Business Applications (1995-2005, 2014)
- Graduate Research Seminar (2009)
- Management Information Systems (2000 – present)
- Information Technology Strategy / Investment and Justification – (Graduate) (2001-2008)
- System Modeling / Design / Analysis (Graduate) (2006-2007)
- Emerging Internet Technologies, ASP and ASP.Net (2000-2005)
- Special Topics: E-Business Topics (Masters) 2001
- Basic Computer Technologies (2005-2006)
- Decision Support Systems (1999-2000)
- Operating Systems (1998)
- Data Integration and Business Applications (1997 - 1999)
- Small Systems Technology (1996 - present)
- Data and File Structures (1995)
- Management Information Systems (1995 - present)
- Software Integration (1995)
- Principles of Information and Computing (1994 - present)
- FORTRAN (1995)
- Macro Economics (1994)
- Introduction to Marketing (1994)
- Principles of Salesmanship (1994)
- Introduction to Business Principles (1994)

Honors, Activities & Professional Societies:

Selected as the first recipient of the Progress Energy / Gordon Hulbert Distinguished Professor of Information Systems, 2011 to 2016
Centro Hispano Certificate, 2013.
Chancellor's Teaching Award for the Cameron School of Business, 2006
Acknowledgement from the Division of Students Affairs as being chosen by one or more graduates as "one person at the university whose impact on them was significant", (All years 2000 to present).
Center for Teaching Excellence Award for Making a Significant Contribution to Teaching, UNCW 2001.
Acknowledgement from the Dean of Greek Affairs as being chosen by one or more graduates as "influencing undergraduate life at UNCW in a positive manner", 2001 and 2000.
ITSD Research and Innovation Award (2001 and 2007)

Publisher – Information Systems Education Journal (2011-Present)
Publisher – Journal Information Systems Applied Research (2011-Present)

International Conference Chair – ISECON / CONISAR 2011 2012, 2013
Papers Chair – ISECON (Information Systems Educators Conference) National
        Conference 2005 to 2010
Assistant Editor – Information Systems Education Journal (2005-2010)
President – EDSIG (Education Foundation for Information Systems (2009 and 2010)
Board of Director for EDSIG (Educational Foundation for Information Systems) (2006
        to 2012 and 2014 to present)
Board of Director for ISCAP (Information Systems & Computing Academic
        Professionals (2014 to present)
Treasurer – St. Jude's Church, Wilmington NC (2008-Present)
Board of Directors & Treasurer, St. Jude's Church, Wilmington NC (2005-2007)
Board of Director & Treasurer, Sigma Tau Gamma National Fraternity, 1990 - 2004
President, Sigma Tau Gamma National Fraternity, 2000-2002
Pennsylvania Power Consumer Advisory Board, 1994 - 1999
Who's Who in the East in Business & Industry 1994
Cranberry Area Chamber Service Award, 1992
Board of Director, Cranberry Area Chamber of Commerce, 1988-1994
President, Cranberry Area Chamber of Commerce, 1990-1992

Research Experience

Journal Articles

Establishing the Basis for a CIS (Computer Information Systems) Undergraduate
    Degree Program: On Seeking the Body of Knowledge, *Information Systems
    Education Journal*, (2015); 13 (5), 37-61. (Longenecker, Babb, Waguespack,
    Janicki, Feinstein).

Incorporating a Human Computer Interaction Course into Software Development
    Curriculums. *Information Systems Education Journal*, (2015); 13 (3). (Janicki,
    Cummings, Healy)

2014 Operations Management Salary Survey, *Production and Inventory Management
    Journal. (*2015); 50(1)*.* (Rosen, Janicki, Gebauer).

Information Technology Job Skill Needs and Implications for Information Technology
    Course Content. *Information Systems Education Journal*, 2014; 12 (6). (Janicki,
    Cummings, Kline).

Shifting Technological Landscape: IT Departments and Anticipated Technological
    Changes. Journal of Information Systems Applied Research, (2014); 7(4), 37-49.
    (Cummings, J., Janicki, T. N., Kline, D. M.

2012 Operations Management Salary Survey, *Production and Inventory Management
    Journal, (*2013); (Rosen, Janicki, Gebauer),

Implementing an Integrated Curriculum with an Iterative Process to Support a
    Capstone Course in Information Systems. (2013). *Information Systems Education
    Journal*, 11(6). (Reinicke, Janicki, Gebauer)

Implementation of an Automated Grading System with an Adaptive Learning Component to Affect Student Feedback and Response Time (2013). *JISE*, 23(1), (Matthews, Janicki, He, Patterson).

Online Course Pedagogy and the Constructivist Learning Model. (2012). *Journal of the Southern Association for Information Systems*, 1(1). (Schell, Janicki)

2011 Operations Management Salary Survey , *Production and Inventory Management Journal ,* 2012; 48(1) ; (Rosen, Mahar, Janicki)

Multiple Submissions and their Impact on the 'Path of Learning'. *Information Systems Education Journal,* 2012, 10(2) 40-47, (Gebauer, Janicki, Yaylacicegi)

Building a Real-Time Bus Tracking Data Display System. *Journal Information Systems Applied Research,* 2012, 5(2), 38-50. (Dudley, J., Vetter, R., Brown, J., Janicki, T.)

CMobile: A Mobile Photo Capture Application for Construction Imaging, *Journal Information Systems Applied Research*, 2012, 5(4), 55.68. (Martin, Vetter, Brown, Janicki)

Survey Results on the State of the Operations Management Profession for *2010. Production and Inventory Management Journal*, 2011, 47(2), 79-87. (Rosen, Mahar and Janicki)

Impact of Pre-Grading / Resubmission of Projects on Test Grades. *Information Systems Education Journal,* 2011, V9, N2 pp 95-100. (Janicki, Gebauer and Yaylacicegi)

"Real World Problems for External Clients*" Information Systems Education Journal*, 2011, V9, N3, pp 23-27. (Reinicke and Janicki).

"Increasing Active Learning and End-Client Interaction in the Systems Analysis and Design and Capstone Courses*", Information Systems Education Journal*, 2010, V8, N40. (Reinicke and Janicki).

"Anticipated Changes to Technologies Employed by IT Departments", *Journal of Information Systems Applied Research,* 2009, V2, N9. (Janicki, Yaylacicegi, Mahar, Logan).

"The Dark Side of Custom Animation", *International Journal of Innovation and Learning,* V6, N6, pp 581-592 (Mahar, Yaylacicegi, Janicki)

"Utilizing business service management concepts to improve healthcare information systems", Graziadio Business Review, Feb 2010 (Hernandez, Janicki and Reinicke)

"Less is More when Developing PowerPoint Animations", *Information Systems Educators Journal*, 2009, V7, N82. (Yaylacicegi, Mahar and Janicki)

"Using a Web-Based Database to Record and Monitor Athletic Training Students' Clinical Experiences", *Athletic Training Education Journal*., 2008, V3, N3. (Brown, Williams, Janicki)

"Information Systems/Technology Employer Needs Survey" *Information Systems Educators Journal*, 2008; V.6 N.18 ; (Janicki, Lenox, Logan, Worastcheck)

"Incorporating Real World Projects and Emerging Technologies into one MIS Capstone Course" *Information Systems Educators Journal 2007,* V5 N24 (Janicki, Fischetti, Burns)

"A Case for Personal Knowledge Management in the Information Systems Curriculum", *Information Systems Education Journal*, 2006, V4 N111. (A. Burns and T. Janicki)

"The Effect of Learning Styles on the Navigation Needs of Web-Based Learners", *Computers and Human Behavior*, (J. Liegle and T. Janicki). 2006, V22, N5, pp-885-898.

Jumping off the Distance Learning Bandwagon: Adding Learning Theory into the Strategy" *Information Systems Education Journal*, 2006, V4, N86. (T Janicki and A. Burns).

"A Guide for Establishing an Advisory Board for an Information Systems Department: Benefits and Lessons Learned", *Information Systems Education Journal*. 2006, V4, N10 (T. Janicki).

"The Effects of Goals on Customer Evaluations of Websites," *E-Business Review* 2005 V. 5. pp 171-75. (T. Porter and T. Janicki)

"Matching Employer Needs with IT Curriculum: An Exploratory Study", *Information Systems Education Journal*, 2004, V2. N21 (T. Janicki, D. Kline, J. Gowan, and R. Konopaske).

"An Action Learning Model to Increase Critical Thinking Skills in an ALN Masters Information Systems Capstone Course", *Information Systems Education Journal*, 2003, V1, N24 (A. Burns and T. Janicki)

"Enhancing Economics and Finance Learning Through Automated Grading of Spreadsheet Exercises*", Journal of Economics and Finance Education*, 2003, V2, N2, pp 23-29. (D. Kline and T. Janicki)

"Evaluation of Computer Supported Learning System" *Decision Science Journal of Innovative Education*, 2003, V1, N2, pp-203-224. (T. Janicki, G. Steinberg)

"Development of a Model for Computer Supported Leaning Systems", *International Journal of Educational Technology*, 2002, V3, N1. (T. Janicki, G. Schell, J. Weinroth.).

"Development and evaluation of a framework for creating web-based learning modules: a pedagogical and systems perspective", *Journal of Asynchronous Learning Networks*, 2001, V5, N1, pp. 58-87. (T. Janicki & J. Liegle).

"More than class notes? A features review of current web-based course management tools and their adherence to accepted learning pedagogy", Allied *Academies of Education Leadership Journal*, 2001, V4, N2, pp. 36-51. (T. Janicki and J. Liegle)

"Reputation and Deterrence: Experimental Evidence from the Chain Store Game", *Journal of Business and Economics Studies*, 2000, V6, N1, pp 1-19. (J. Sundali, A. Israeli, T. Janicki)

"Improving student satisfaction in large-sized classes through a computer-mediated communications system", *Journal of Information Systems Education*, 1999 V10. N2, pp. 8-13 (T. Janicki and G. Steinberg)

"The Efficacy of Matching Information Systems Development Methodologies with Application Characteristics - An Empirical Study", *Journal of Systems and Software*, 1999 V45, pp. 177-195 (G. Howard, T. Janicki, et al.).

"Comprehensive Business Situation Mapping Using Clips", Second author and
publications in the Electronic Proceedings of the CLIPS Virtual Conference:
Expert Systems: Principles & Programming, PWS Publishing, 1998, 3rd Edition
(M. Suh , T Janicki, W. Acar, G. Madey)

Refereed Conference Proceeding Publications and Presentations

Establishing the Basis for a CIS (Computer Information Systems) Undergraduate
Program, presented at ISECON (Information Systems educators Conference),
November 2014, Baltimore, MD (Longnecker, Babb, Waguesback, Janicki,
Feinstein).

Incorporating a Human-Computer Interaction Course into Software Development
Curriculums, presented at ISECON (Information Systems educators
Conference), November 2014, Baltimore, MD (Janicki, Cummings, Healy)
Received the Meritorious Paper Award at the conference

Information Technology Job Skill Needs and Implications for Information Technology
Course Content", presented at ISECON (Information Systems Educators
Conference), November 2013, San Antonio TX (Janicki, Cummings, Kline),
Received the Distinguished Paper Award at the conference

Building Effective Corporate Advisory Boards, Panel Chair at: ISECON (Information
Systems Educators Conference), November 2013, San Antonio TX

Shifting Technological Landscape: IT Departments and Anticipated Technological
Changes, presented at CONISAR (Conference on Information Systems Applied
Research),), November 2013, San Antonio TX (Cummings, Janicki, Kline)

Implementing an Integrated Curriculum with an Iterative Process to Support a
Capstone Course in Information Systems, ", presented at CONISAR
(Conference on Information Systems Applied Research), November 2012, New
Orleans, LA (Reinicke, Janicki, Gebauer)

"Building a Real Time Bus Tracking Data Display System", presented at CONISAR
(Conference on Information Systems Applied Research), November 2011,
Wilmington NC (Dudley, Vetter, Brown, Janicki)

"CMobile: A Mobile Photo Capture Application for Construction Imaging", presented at
CONISAR (Conference on Information Systems Applied Research), November
2011, Wilmington NC (Martin, Vetter, Brown, Janicki)

"Multiple Submissions and their Impact on the 'Path of Learning'", presented at
ISECON (Information Systems Educators Conference), November 2011,
Wilmington NC (Gebauer, Janicki, Yaylacicegi)

"Teaching Introductory Visual Basic Using MS Team Foundation Server", presented at
ISECON (Information Systems Educators Conference), November 2011,
Wilmington NC (Kline, Martin, Matthews, Janicki, Guinn)

"Real World Projects, Real World Problems: Capstone for External Clients"," presented
at ISECON (Information Systems Educators Conference) November 2010,
Nashville, TN (Reinicke and Janicki)

"Impact of pre-grading / resubmission of projects on test grades in an introductory
computer literacy course", presented at ISECON (Information Systems
Educators Conference) November 2010, Nashville, TN (Janicki, Gebauer and
Yaylacicegi)

"Difficulties in Quantifying IT Projects with Intangible Benefits: A Survey of Local IT
Professionals", presented at CONSIAR (Conference on Information Systems
Applied Research) November 2009, Washington DC. (Oliver, Barrick and
Janicki)

"Increasing Active Learning and End Client Interaction in the Systems Analysis and
Design and Capstone Courses", presented at ISECON (Information Systems
Educators Conference) November 2009, Washington DC. (Reinicke and
Janicki)

"Preliminary Results of an Adaptive Grading/Learning System", presented at Southeast
Decision Sciences Institute, Decision Sciences Institute, February 2009,
Wilmington NC. (Matthews and Janicki)

"Operations management in the new Millennium", presented at Southeast Decision Sciences Institute, Decision Sciences Institute, February 2009, Wilmington NC. (Rosen, Mahar and Janicki)

"Majoring in a Virtual Environment: Merging CS and IS into IT", presented and published in the proceedings of The 2009 World Congress in Computer Science, Computer Engineering and Applied Computing. Last Vegas, NV. Pp. 360-366. (Patterson, Vetter, Janicki, Reinicke)

"Anticipated Changes to Technologies Employed by IT Departments in 2009", presented at CONISAR (Conference for Information Systems Applied Research) November 2008, Phoenix, AR (Janicki, Yaylacicegi, Mahar)

"Information Systems/Technology Employer Needs Survey" presented at ISECON (Information Systems Educators Conference) November 2007, Pittsburgh PA (Janicki, Lenox, Logan, Worastcheck) **Received the Meritorious Paper Award at the conference.**

"Incorporating Real World Projects and Emerging Technologies into one MIS Capstone Course" presented at ISECON (Information Systems Educators Conference) November 2006, Dallas, TX (T. Janicki, D. Fischetti, A Burns). **Received the Distinguished Paper Award at the conference.**

"Jumping off the distance learning bandwagon: adding learning theory into the strategy", presented at ISECON (*Information Systems Educators Conference*), October, 2005, Columbus OH. (T. Janicki and A. Burns)

"A case for personal knowledge management in the information systems curriculum", presented at ISECON *(Information Systems Educators Conference)*, October, 2005, Columbus OH.

"A Guide for Establishing an Advisory Board for an Information Systems Department: Benefits and Lessons Learned", presented at ISECON (*Information Systems Educators Conference*), November 2004, Newport News Road Island.

"An action learning model to increase critical thinking skills in an ALN Masters Information Systems Capstone Course", Presentation at the *Information Systems Educators Conference*, San Diego, CA, November 2003 (A. Burns and T. Janicki**). Received the Meritorious Paper Award at the conference.**

"Matching employer needs with IS curriculum: an exploratory study", Presentation at the *Information Systems Educators Conference*, San Diego, CA, November 2003 (T. Janicki, D. Kline, A. Gowan, and R. Konopaske).

"A study of personal productivity software skills and desired internet-features in a web-enhanced introductory technology skills course", Presentation and publication in the proceedings of the *Information Systems Educators Conference*, San Antonio, TX. November 2002 (T. Janicki and G. Steinberg).

"Effect of learning styles on the navigational needs of Computer-Based Training module learners", Presentation and publication in the proceedings of the *Information Systems Educators Conference*, Cincinnati, OH November 2001 (J. Leigle and T. Janicki)

"Computer Supported Learning System Model", Presentation and publication in the proceedings of the national *Decision Sciences Institute Conference*, Orlando, November 2000. (T Janicki and J. Weinroth).

"Evaluation of posttest scores for a web-based tutorial authoring tool that encompasses pedagogy in the development process". Presentation and publication in the proceedings of the *Information Systems Educators Conference*, Philadelphia, PA November 2000 (T. Janicki and G. Steinberg).

"Benchmarking of Web-Based Course Management Tools", Presentation and publication in the proceedings of the Allied Academies Annual Conference, Myrtle Beach SC, April 2000 (T. Janicki and J. Liegle). **Awarded the Distinguished Research Award.**

"The development and evaluation of a framework for a web-based tutorial authoring system" Presentation and publication in the proceedings of the Southeast Decision Sciences Institute, Wilmington NC, February 2000.

"Are current web-based courses built on a foundation of accepted learning pedagogy?", Presentation and publication in the proceedings of the national

Decision Sciences Institute Conference, New Orleans, LA, November 1999 (T Janicki and J. Liegle).

"Measuring student satisfaction in courses through a computer-mediated communications system", Presentation and publication in the proceedings of the *Information Systems Educators Conference*, Chicago, IL October 1999 (T. Janicki and G. Steinberg). **Awarded Best Paper of the Conference.**

"Using Web Technology in the classroom: what we have learned", Workshop presentation at the *Information Systems Educators Conference*, Chicago, IL, October 1999 (G. Steinberg and T. Janicki).

"Using Web Technology to Reduce Administrative Load and Increase Learning Opportunities in Classes", Presentation and publication in the proceedings of the *Information Systems Educators Conference*, San Antonio, Texas, October 1998 (T. Janicki and G. Steinberg).

"Challenges in Designing a Future for Distributed Education", Presentation and publication in the proceedings of Association for Information Systems - Americas Conference, Baltimore, Maryland - August 1998 (T Janicki, and N. Duncan).

"Computer Based Training and Distance Education - Success Factors and Evaluation Techniques", Presentation and publication in the proceedings of the *Information Systems Educators Conference*, Orlando, Florida October 1997 (T. Janicki and G. Madey).

"A Comparison of Two Approaches for Computerizing Comprehensive Situation Mapping", Presentation and publication in the proceedings of the *Midwest Decision Sciences Institute Conference*, Indianapolis, Indiana, April 1997 (T. Janicki, M. Suh, W. Acar).

"A Market Return and Strategic Implication Study of Downsizing in the 1980's", Presentation and publication in the proceedings of the *Midwest Decision Sciences Institute Conference*, Indianapolis, Indiana, April 1997 (M. Suh, T. Janicki, J. Mahaney, W. Acar).

Awards and Recognition

Distinguished Paper Award, 2013 ISECON Annual Conference
Best Paper in Innovation Education Track – Southeast Regional Decision Science Institute Conference – February 2010
Meritorious Paper Award, 2007 ISECON Annual Conference
Distinguished Paper Award, 2006 ISECON Annual Conference
Meritorious Paper Award, 2003 ISECON Annual Conference
Distinguished Research Award, Allied Academies Annual Conference, April 2000.
Best Paper Award, 1999 ISECON Annual Conference.

Grants
Development and Pilot Testing of an Adaptive Grading/Learning System (AGLS). Approved 2007 for work to be conducted during 2007-2008. ($5000)

"Fostering Undergraduate Research Partnerships through a Graphical User Environment for the North Carolina Computing Grid", **approved May 2005** for work to be conducted during the 2005-2006 time frame. CO-PI with Computer Science, Biology, and ITSD. Cameron School of Business portion is $46,000 which includes funding to hire an undergraduate research assistant ($30,000 over 2 years).

Service

Chair of 16 master student capstone project committees (2006-present), also on 17 committees for master students
Publisher – Information Systems Educators Journal (2011 to present)
Publisher – Journal Information Systems Applied Research (2011 to present)

Meeting Planner for the EDSIGCon/Conisar Convention (2015)
Board of Director, Treasurer for ISCAP (Information Systems & Computing Academic
Professionals) 2014-present
Creator and Chair of Annual Wilmington Information Technology eXchange (WITX) –
2003 to present
Business Week Committee (2006-present)
Board of Director for EDSIG (Educational Foundation for Information Systems) 2006 to
2012 and 2001 – 2002
Developer and coordinator of the ISOM/CSC Advisory Board Committee (2003-
present)
Chair of ISECON/CONISAR International Conferences (2011 and 2012)
University Web Committees, two (2004-present)
Webmaster for Cameron School of Business (2003-present)
CSB Curriculum Committee (2008-2011)
IT Major Development Committee (2007-2012)
UNCW Master of Science in Computer Science & Information Systems Committee
(2005-2011)
Cameron Curriculum Committee (2006-2011)
UNCW Graduate Council (2005-2011)
Papers Chair – ISECON (Information Systems Educators Conference) National
Conference 2005 to 2011
Reviewer for Decision Sciences Annual Meeting, 2001.
Reviewer, discussant, session chair for Decision Sciences Annual Meeting, 2000.
Session Chair, discussant for the Decisions Sciences Institute Conference, (DSI, 1997,
1999, 2000).
Reviewer for Information Systems Educator Conference (ISE, 1999)
Reviewer for Association for Information Systems Conference (AIS, 1998)
Session Chair for the Association for Information Systems Conference (1988)
Discussant for the Decisions Sciences Institute Conference, Indianapolis, 1987.
Member of the Electronic Meeting Room Committee, International Conference on
Information Systems (ISIS, 1996) Cleveland, OH
Member of Decision Sciences Institute
Member of Association of Information Technology Professionals

Reviewer for Graziadio (Pepperdine) Business Review
Reviewer for Journal Information Systems Education Journal
Reviewer for Computers and Human Behavior, 2006
Reviewer for Journal of Asynchronous Learning Networks, 2006
Reviewer for Mobile Commerce: Applications and Technologies Journal, 2001.