

Curriculum Vitae

Paul D. Witman, Ph.D.

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Education

Ph.D., Management of Information Systems, School of Information Systems and Technology, Claremont Graduate University, 2007

- Major research emphases in information security, design science, usability, software reuse, teaching cases, and risk management.
- Dissertation on Large-Grained Software Reuse in large banking organization, under direction of Dr. Terry Ryan

M.S., Computer Information Systems, Claremont Graduate School, 1987

- Final practicum group project looked at market strategy for IBM Value Added Reseller, under direction of Dr. Richard Ellsworth.

B.S., Math/Computer Science, UCLA, 1983

Professional Development

- Selected as a Fellow in the 2004-2005 Claremont Graduate University Preparing Future Faculty (PFF) program. The PFF program has four major goals: prepare students to be outstanding researchers of the 21st Century, prepare students to teach and advise at a variety of institutions, prepare students to perform service at the departmental and university level, and prepare students for the academic job market. Instructional activities include development of teaching philosophy, group research leadership, and creation of course portfolio including syllabus with teaching goals, learning objectives, and evaluation tools and criteria.
- Selected for Lutheran Heritage Travel Seminar through California Lutheran University in May, 2008. Seminar included 6 pre-travel study sessions and 11 days of travel and study across Martin Luther's home and ministry areas of both Eastern and Western Germany. Seminar group included 12 full-time faculty and 12 community members.

Teaching Experience

FH Joanneum, Graz, Austria

2015-present

Guest Lecturer, Information Systems, MBA program

- Presented class session on social media and sales for Prof. Dr. Martin Ortner

California Lutheran University, Thousand Oaks, CA

2012 - present

Associate Professor, Information Systems, School of Management

Director, Undergraduate Business Programs, School of Management

- Manage curriculum, with department chairs, for multiple programs
 - Traditional undergraduate: Business Administration, Accounting, Economics
 - Adult degree completion program: Business Management, Accounting, Organizational Leadership
- Reviewed and ruled on grade challenges and academic integrity issues
- Reviewed and ruled on course substitution requests
- Coordinate course scheduling with department chairs

California Lutheran University, Thousand Oaks, CA**2007 – 2012****Director, MS-Information Systems and Technology Program, School of Business**

- Researched market, created business plan for new program
- Leveraged existing courses to minimize risk and optimize cost footprint for new program
- Grew program to 50 students within first 4 years for niche program
- Supported creation of 8 new courses during first 6 years of program operation

California Lutheran University, Thousand Oaks, CA**2006 - 2012****Assistant Professor, Information Systems, School of Business**

- Selected textbooks, developed course material including lecture, in-class exercises, group exercises, and assessments for undergraduate information systems survey course (BUS 381), graduate distributed systems course (BUS 532) and graduate information systems analysis and design course (BUS 583).
- Selected textbooks, developed course material including lecture, in-class exercises, group exercises, and assessments for graduate Computer Science course in post-development activities, including quality assurance, deployment, process management, and process improvement, using CMM-I as a base (CS582).
- Selected textbooks, developed course material including lecture, in-class exercises, group exercises, and assessments for new graduate course in Emerging Technologies and Issues (IST570).
- Contacted newly accepted undergraduates to encourage enrollment.
- Created program documentation for new Master's degree program in Information Systems and Technology. Collaborated across disciplines with Computer Science faculty to create internal university review documents as well as proposal for review by the Western Association of Schools and Colleges. Proposal reviewed and approved in 7 months from start of documents to final WASC accreditation.
- Supported development of new courses for the MS-IST program, including Fundamentals of Web Development, Information Systems and Ethics, Health Care Informatics, Project Management, and Information Technology Infrastructure.
- Developed new course material including in-class exercises and assessments for freshman seminar as an introduction to college life combined with a shared literature study. Supervised two teaching assistants, one undergraduate and one graduate student.
- Member, Office of Undergraduate Research Advisory Board, 2008-present
- Chair, Information Technology Advisory Committee, 2007-2009

- Program Director, Master of Science, Information Systems and Technology program, 2008-present
- Member, Faculty Executive Committee, 2009-2011
- Nominated for “Diversity Professor of the Year” award in 2009 by CLU seniors. This award recognizes a faculty member “whose curriculum, teaching style, and role modeling has furthered their understanding and appreciation of cultural diversity”.
- Founded charter chapter of newly created Student Chapter of the Association for Information Systems at CLU. The association will offer invited speaker sessions, networking opportunities, and access to research resources for both graduate and undergraduate students interested in information systems and technology.

Adjunct Faculty, MBA Program

1999-2006

- Spring, 2000: Created material and taught course in systems analysis, covering analysis and design segments of software development life cycle (BA 581 – Systems Analysis).
- Fall, 1999: Designed course, selected textbook, developed new presentation and evaluative material, and taught course in relational technologies (BA 583 – Relational Technologies).
- Spring, 1999: Co-taught, with Richard McAndrew, a diverse group of MBA students, including technology- and non-technology-focused students. Relational Technologies (BA 583) provides an overview of database concepts, including elements of e-commerce as it impacts database systems.

Professional Experience

Digital Insight Corporation, Calabasas, CA

2000 - 2006

Director, Integration Engineering

2002 - 2006

- Project lead – consumer data security tools selection and integration. Led market review and vendor evaluation across a broad range of risk mitigation tools, including stronger authentication, phishing detection and shutdown services, anti-fraud toolbars, biometrics, and identity theft recovery services. Selected vendors and led product and technology integration efforts.
- Responsible for primary technical relationship with all large sales prospects and current clients.
- Coordinate internal and external technology groups to analyze and solve business problems on behalf of clients.
- Lead due diligence officer for merger and acquisition activity, participating in fifteen due diligence exercises over 18 months, resulting in two key acquisitions of \$50 million and \$63 million, respectively.

Vice President, Product Engineering

2000 - 2002

- Responsible for overall engineering activities spanning seven product lines, including Internet Banking, Lending, Targeted Marketing, Cash Management, and Account Aggregation.
- Led team of nearly 100 employees and contractors in 4 locations, with budget of \$14MM. Drove cost reductions to eliminate one location and \$2MM in annual runrate expenses.
- Led enterprise-wide re-architecture effort, integrating and planning for seamless replacement of components and systems from 4 acquisitions. Architecture scope included hardware,

network, security, database, configuration management, system management, platform, and application layers.

Citicorp Development Center, Los Angeles, CA

Director, Global Delivery Systems

1998 - 2000

- Directed 95 staff members, \$15MM budget, and transition to profit/loss business model, resulting in recovery of all operating expenses.
- Managed through two major layoffs with minimal impact to organization.
- Led internal customer interaction with Citibank businesses in 40 countries, on 6 continents.
- Led efforts to support software process improvement for entire site, working toward formal SEI/CMM assessment, resulting in significant reduction of process overhead, along with full compliance to SEI Level 3 requirements.
- Campus and callback recruiting for Citicorp Global Technology Management Associates program from 1995 - 1999. Mentor for two persons in the program.

Director, NT Delivery Systems Development Team

1996 - 1997

- Led matrixed organization of 45 professionals (9 direct reports), including 10 professionals at a Taiwan development site, with a \$4MM budget. Developed a new infrastructure for Web applications, supporting multiple languages, businesses, data and transaction servers, and end-user device types.
- Developed and delivered initial training class for Taiwan development team. Sponsored and mentored professional development of training materials, and growth of training team, for later expansion.
- Coordinated work of Development Tools, System Management, and Web applications development teams, which provided support tools to application development teams.
- Initiated outsourcing of integration and regression test activities to offshore facility in India. Reduced cost by a factor of 3, and provided greater flexibility, reduction of release cycle time from 6 months to 3 months, and reduction of “drudge work” for local staff.
- Pioneered team-based management structure, resulting in growth opportunities for development staff as team leaders (three eventually became people managers), along with additional flexibility for organizational change.
- Led team in market analysis of multi-application SmartCard operating systems, resulting in Citibank endorsement for JavaCard OS over Mondex MultOS.

Department Manager, Terminal Platforms Department 1994 - 1996

- Managed department of 15 computer professionals, developing system software for ATM's, teller systems, and home banking, including application runtime components, device handlers, and host communication facilities.
- Led team that introduced object-oriented analysis and design activities to the organization, including coordinating training activities, project management, and mentoring approaches to spur usage across the site, resulting in modernization and consistency of software practices, and reduced long-term maintenance costs.
- Led team in design, prototyping, and construction of new ATM device software based on Windows NT, resulting in \$40MM in new business for the organization.

Group Manager, Terminal Platforms Group/Application Services Group 1989 - 1994

- Participated in new product design team, defining contents for next extension to CAT 2 ATM product line. Co-hold patent on innovative approach to providing touchscreen-only ATM access to the visually impaired.
- Led ATM development team, building group up from 4 to 10 professionals. Responsible for support of a variety of new features including custom security devices and protocols, improved automated error handling techniques, and improved interfaces to simplify operations.

Senior Member of the Technical Staff 1986 - 1989

- Application Generation System (AGS) - Lead designer for database schema for application development tools; implemented major performance improvements in compiler portion of the toolset, resulting in 60% faster compile times.
- Designed and implemented runtime components for AGS language based on Forth interpreter.
- Prepared and taught classes on use of AGS tools for ATM application developers.

Member of the Technical Staff 1983 - 1986

- Home Services Banking - Developed first-generation home banking applications including account information, transfers, payments, menu navigation tools, etc. Products were in service until November, 1998.
- Reverse-engineered interfaces to hand-held home banking terminal; developed demonstration of this terminal, leveraging existing home banking infrastructure.

Peer-reviewed and Invited Publications and Conferences

- Witman, P. D. (March 7, 2003). *Banking Information Security - How Much is "Enough"?* Paper presented at the SAIS 2003, Savannah, GA.
- Witman, P. D. (February 28, 2004). *Information Security and Shared Leadership*. Paper presented at the SAIS 2004, Savannah, GA
- Biseda, M., Witman, P.D., with multiple peer researchers. *The Status of the Scholarship of Teaching and Learning in the Disciplines*. Paper presented at the Lilly-West Conference 2005, Pomona, CA.

- Witman, P.D. (June, 2005) Published and maintained *Guidelines for Academic Non-Disclosure Agreements*, <http://academicnda.schtuff.com>.
- Witman, P. (July, 2005) *The Art and Science of Non-Disclosure Agreements*, Communications of the Association for Information Systems (16) 11, pp. 260-269.
- Witman, P. and Richlin, L. (October 15, 2005) *Overview of the Scholarship of Teaching and Learning in the Disciplines*. Presented at IS-SoTL 2005, Vancouver, BC.
- Co-organizer (2006), CGU Student-led Conference on College Teaching and Learning, April 21. Claremont, CA.
- Witman, P. D. (April 21, 2006) *Overview of the Scholarship of Teaching and Learning in the Disciplines*. Presented at CGU Student Teaching Conference, Claremont, CA.
- Roust, T., and Witman, P. (June, 2006) *Strategic Implications of Online and Bill Pay Use in Banking: A Transactional Analysis*. Presented at Global Information Technology Management Association Conference, Orlando, FL.
- Witman, P. (August, 2006) *Anti-Phishing Strong Authentication Technology Options*. Presented at the Americas Conference on Information Systems (AMCIS), Acapulco, Mexico.
- Witman, P. (August, 2006) *Tracing Patterns of Large-scale Software Reuse*. Selected for participation in the AMCIS Doctoral Consortium, Acapulco, Mexico.
- Witman, P. D., Richlin, L., Biseda, M., et al (January, 2007). *The Status of the Scholarship of Teaching and Learning in the Disciplines*. International Journal for the Scholarship of Teaching and Learning 1(1).
- Witman, P., and Ryan, T. (January, 2007) *Innovation in Large-grained Software Reuse: A Case from Banking*. Presented at the Hawaii International Conference on System Sciences, Waikoloa, HI.
- Witman, P.D., and Biseda, M.A. (March 17, 2007) *An Update on the Status of the Scholarship of Teaching and Learning in the Disciplines*. Paper presented at the Lilly-West Conference 2007, Pomona, CA.
- Witman, P.D. (May 4, 2007) *Software Reuse in the Large – Tracing Patterns of Reuse*. Invited presentation for School of Information Systems and Technology's EDGE Research Seminar, Claremont Graduate University.
- Witman, P.D. (May 4, 2007). *Getting Done - Managing your research subject, process, and committee*. Invited presentation for the students of the School of Information Systems and Technology, Claremont Graduate University.

- Witman, P.D. (August, 2007) *Banking Regulatory Response – the Case of Strong Authentication*. Presented at the Americas Conference on Information Systems (AMCIS), Keystone, CO.
- Witman, P.D., and Johnson, K. A Guide to Non-Disclosure Agreements for Researchers in Gupta, J. and Sharma, S.K. eds. *Handbook of Research on Information Security and Assurance*, Idea Group, Hershey, PA, 2008.
- Witman, P. (October 2, 2007) *Strong Authentication Update – Perspectives from Industry, Technology, and Regulators*. Presented at the VASCO Bankers’ Roundtable, Westlake, CA.
- Witman, P. and Roust, T. (2008) *Balances and Accounts of Online Banking Users: A Study of Two US Financial Institutions*. International Journal of Electronic Finance 2(2) (April, 2008).
- Witman, P. and Roust, T. (November 6 & 7, 2007) *Accounts and Balances – Impact of Online Banking*. Invited paper summary for 2007 Medical Banking Leadership Forum, Franklin, TN.
- Witman, P.D., and Johnson, K. A Guide to Non-Disclosure Agreements for Researchers using Public and Private Sector Sources in Cater-Steel, A, and Al Hakim, L., eds. *Information Systems Research – Public and Private Sector Applications*, Idea Group, Hershey, PA, 2008.
- Witman, P. and Ryan, T. (January, 2010) *Think Big for Reuse*. Communications of the ACM, Vol. 53, Issue 1, p. 142-147, <http://cacm.acm.org/magazines/2010/1/55773-think-big-for-reuse/abstract>.
- Witman, P. (May 20, 2008) *New Program Creation – Tools for Success*. CLU ‘Finding Meaning’ Symposium, Thousand Oaks, CA.
- Hill, Timothy R., Venkatsubramanyan, S., Wang, J., Smith, W., and Witman, P. (August 15, 2008) *Aging Content on the Web* (Invited Panel Discussion), Americas Conference on Information Systems (AMCIS), Toronto, ON, Canada
- Witman, P. (January, 2009) *Software Product Lines and Configurable Product Bases in Business Applications – A Case from Financial Services* Presented at the Hawaii International Conference on System Sciences, Waikoloa, HI.
- Furneaux, Brent, Hill, T., Smith, W., Venkatsubramanyan, S., Wang, J., Washington, A., Witman, P. (2009). *Aging Content on the Web: Issues, Implications and Research Opportunities*, Communications of the Association for Information Systems, Vol. 24, Article 8.

- Hernandez, H., Witman, P., and Germaine, R. (April 14, 2009) *WASC Substantive Change Panel Discussion*, Western Association of Schools and Colleges Academic Resource Conference, Anaheim, CA.
- Witman, P., Johnson, K., and Sparkman, N. (March 23, 2010) *The Church Online – the Impact of Online Social Networks on Church Congregations*, Southern Association for Information Systems Conference, Atlanta, GA.
- Blenkinsopp, J., Fishman, E. et al. Panel member (August 7, 2010), *Teaching at a Business School as a Second Career: Opportunities and Challenges*. Invited panel discussion at the Academy of Management Annual Meeting, Montreal, Canada.
- Njunge, C., and Witman, P. (October 8, 2010) *Launching a New Chapter – Gaining Critical Mass, Gathering Critical Input*. Invited presentation to the Association for Information Systems Student Chapters Conference, Atlanta, GA.
- Witman, P. (October 28, 2010) *Website Self-Service Tools – Software Component Acquisition and “Death by a Thousand Cuts”*. Presented at the ISECON2010 Conference, Nashville, TN.
- Cochran, M., and Witman, P. (June, 2011) *Governance and Service Level Agreement Issues in a Cloud Computing Environment*. Journal of Information Technology Management (Vol. XXII, Issue 2).
- Cochran, M., and Witman, P. (September 13, 2012) *Where Do Tablets Fit in the Organization’s Workstation Inventory?* Presented at the ECIME 2012 Conference, Cork, Ireland.
- Ilie, V., Turel, O., and Witman, P. (January 9, 2013) *Towards a New Design Paradigm for Complex Electronic Medical Record Systems: Intuitive User Interfaces*. Presented at the Hawaii International Conference on System Sciences, Maui, HI.
- Witman, P., and Mackelprang, S. (May, 2013). *Building your Security Program - from Inside and Outside*, book chapter content piece for Chapter 5, Management of Information Security, 4th Edition, by Whitman, M., and Mattord, H.
- Cochran, M. and Witman, P. (May/June 2013). *Location Selection Criteria for a Second Data Center or Storage of Off-site Materials*. Journal of Emergency Management Vol.11, Issue 3, p. 237-245.
- Witman, P. *Social Media for Social Value*. IEEE COMPUTER, July 2013, Vol.46, Issue 7.
- Witman, P. (August, 2014) *Not-for-profits and Social Media – Can We Find Strategic Value?* Presented at the Americas Conference for Information Systems, Savannah, GA.

- Witman, P., and Njunge, C. (November, 2015) *Service Outsourcing Handoff Run Amok - A Black Box Case Study from the Insurance Industry*. Presented at the EdSigCon 2015, Wilmington, NC.
- Witman, P. and Njunge, C. (March, 2016). *Black Box Thinking: Analysis of a Service Outsourcing Case in Insurance*. Information Systems Education Journal (ISEDJ), Volume 14, Issue 2.
- Witman, P., Ilie, V., Njunge, C., et al. (August 12, 2016) *Social Inclusion across Information Systems Specializations*. The symposium brought together 25 researchers to discuss issues of how information systems could promote improved social inclusion across socio-economic, gender, race, ethnicity, age, sexual orientation, technical capabilities, and other social divides. Held at the Americas Conference on Information Systems, San Diego, CA, August 12, 2016.

Reviews

- Reviewer of chapters of Radaideh, Moh'd & Al-Ameed, Hayder (2006). *Architecture of Reliable Web Applications Software*. Hershey, PA: Idea Group Publishing.
- Reviewer of Richlin, L. (2006) *Designing for Learning: Creating Courses to Facilitate and Document Learning*. Sterling, VA: Stylus Publishing.
- Reviewer of articles for conferences at least three conferences every year, including HICSS, IBIMA, ICIS, and AMCIS.
- Reviewer of articles for IEEE *COMPUTER*
- Reviewer of articles for Communications of the AIS and Journal of the AIS
- Reviewer of articles for *International Journal of e-Business*
- Reviewer of articles for *Journal of Digital Forensics, Security, and Law*
- Reviewer of chapters of Gupta, Jatinder and Sharma, Sushil K. (2008) *Handbook of Research on Information Security and Assurance*. Information Science Reference, IGI-Global.
- Reviewer of chapters of Whitman, Michael and Mattord, Herb. (2010) *Readings and Cases in the Management of Information Security, Volume 2*. Course Technology.
- Reviewer of chapters of Whitman, Michael and Mattord, Herb (2010) *Management of Information Security*. Cengage Learning.
- Reviewer of chapters of Whitman, Michael and Mattord, Herb (2015) *Principles of Information Security*. Cengage Learning.

- Reviewer of Whitman, Michael and Mattord, Herb (2016) *Management of Information Security, 5e*. Cengage Learning.
- Reviewer of Belanger, France, et al *Information Systems for Business – An Experiential Approach, 2e*. Prospect Press.

Trade Publications and Conferences

- Witman, P.D., and Jansen, K. (October 22, 2001) *The Business Value of Digital Signatures*. Presented at Digital Insight Profit.com Client Conference, La Quinta, CA.
- Witman, P.D. (October 23, 2001) *Trends in Online Banking Technology and Function*. Moderator, Panel Discussion, with M. Armbruster, J. Bock, D. Kasinger, & T. Rasmussen, at Digital Insight Profit.com Client Conference, La Quinta, CA.
- Henderson, H.A., and Witman, P.D. (March 21, 2005) *ROI Case Studies: Facts from the Field*. Paper presented at the Digital Insight Corporation 2005 Client Conference, Las Vegas, NV
- American Bankers Association, Witman, P.D., Schachtel, J., et al (June, 2005) *ABA Works on Phishing*, American Bankers Association.
- Mackelprang, S., and Witman, P. (November, 2005) *Building a Complete Suite of Anti-fraud Capabilities*. Presented at the Bank Administration Institute's Retail Delivery Conference, Orlando, FL.
- Witman, P. D. (January 12, 2006). *Heads up! Online Security Just Got Tougher to Defend*. Presented at the Fiserv Summit Client Advisory Group Meeting, Palm Springs, CA.
- Witman, P. D., and Roust, T. (January 24, 2006). *Internet Channel ROI – DI Case Study Update*. Presented at the Digital Insight 2006 Annual Sales Meeting, Santa Monica, CA.
- Witman, P. D. (February 28, 2006). *Heads up! Online Security Just Got Tougher to Defend*. Webcast to Fiserv Summit Clients, Calabasas, CA.
- Witman, P. D., Roust, T., and Delaine, G. (April 10, 2006). *Profitability as a result of bill pay: tracking and mapping end user behavior*. Presented at the Digital Insight National Client Conference, Orlando, FL.
- Witman, P. D., Schachtel, J., and Seddon, J. (April 11, 2006). *Ready for rollout? Ensuring your house is in order for multifactor authentication*. Presented at the Digital Insight National Client Conference, Orlando, FL.

- Witman, P. D. (May 9, 2006). *Heads up! Online Security Just Got Tougher to Defend*. Presentation to Fiserv XP Clients, San Antonio, TX.
- Koch, L., and Witman, P. D. (May 14, 2006). *Finding the Pot of Gold in Online Bill Pay*. Webcast to Fidelity National Information Services Clients, Westlake Village, CA.
- Witman, P. D., Schachtel, J., and Driggs, T. (May 16, 2006). *Ready for rollout? Ensuring your house is in order for multifactor authentication*. Webcast to Fiserv Summit Clients, Calabasas, CA.
- Witman, P., and Delaine, G. (July, 2006) *Online Users – Worth their Weight in Gold*, Callahan & Associates' www.creditunions.com.
- Witman, P., and Delaine, G. (October, 2006) *Online Users – Worth their Weight in Gold*, Association for Financial Professionals Payments newsletter.
- Witman, P., and Delaine, G. (November, 2006) *Online Users – Worth their Weight in Gold*, Credit Union Magazine, http://creditunionmagazine.com/story.php?doc_id=451.
- Witman, P. (October, 2008) *Are you a multi-lingual project manager?* Presentation for the Los Padres chapter of the Project Management Institute, Santa Barbara, CA.
- Witman, P. (May, 2009) *The Church Online – Churches and Ministries on the Web*. Invited workshop leader for the Grand Canyon Synod, ELCA, Missional Leadership Academy, Mesa, AZ.
- Barber, Dan, Witman, P., et al. (October 13, 2010) *Protect and Secure Confidential Data on Campus: Stop Data and Security Breaches Before They Happen*. Invited panel session in conjunction with EDUCAUSE 2010, Anaheim, CA.
- Southern California Executive CIO Summit (June 29, 2016). Invited panel member for industry-university dialog on technology industry student preparation, Los Angeles, CA.
- Witman, P. Protect elderly from information scammers. Pacific Coast Business Times, August 5, 2016, <http://www.pacbiztimes.com/2016/08/05/protect-elderly-from-information-scammers/>.

Other Activities

- Member, Advisory Boards – CLU Center for Nonprofit Leadership, CLU Office for Undergraduate Research and CLU Center for Scientific Computing
- Associate Editor, *International Journal of Electronic Banking* (Miltiadis Lytras, Editor) (since 2007)
- Leader, CAIS Case Review sub-project of the Global Text Project's textbook on Information Systems (<http://www.globaltext.org>) (2006)
- Reviewer, Journal of Information Systems Security (JISSec) (since 2010)

- Associate Editor, Information Security Education Journal (ISEJ) (since 2014)

Consulting

Member, Board of Advisors, SingleSignon.net 2002-2003

- Conduct client reference discussions on behalf of SingleSignon.net as a user of SingleSignon.net's products

Member, Board of Advisors, TriCipher 2005 - 2010

- Conduct client reference discussions on behalf of TriCipher as a user of TriCipher's products
- Provide product design input to TriCipher
- Company sold to VMware Corporation, 2010

Member, Advisory Board for Graduate Student Professional Development, Claremont Graduate University 2005 – 2007

Consultant, TriMAR Corporation 2005 – 2006

- Provided consulting on financial institution data models and data collection/analysis approaches.

Consultant, United Methodist Federal Credit Union Board 2005 – 2006

- Provided consulting on financial institution security functions.

Consultant, Digital Insight Corporation 2005 – 2006

- Analyzed web server traffic with relation to cookie usage by consumers.

Consultant, Team Survivor 2007 - 2010

- Consulted on software development project proposal for grant funding.

Consultant, MOSTE.org 2008 - 2010

- Consulted on web hosting transition and web service planning.

Member, Board of Advisors, Global Classrooms for Peace 2007-2009

- Providing technical analysis and support for connectivity and technology plans for classrooms in the developing world.

Member, Board of Advisors, White Glove Productions 2007 - 2011

Consultant, Simi Valley Samaritan Center 2007-2008

- Providing consulting services in relation to computerizing the Samaritan Center's client and volunteer management processes.

Association Memberships

Academy of Management

Association for Information Systems (AIS), and AIS Special Interest Group – Security (AIS SIGSEC)

IEEE and IEEE Computer Society, Senior Member

Association for Computing Machinery

International Society for the Scholarship of Teaching and Learning (IS-SoTL)

International Alliance of Teacher Scholars

Information Systems Security Association (ISSA)

Technology Management Education Association (TMEDA)

Society for Information Management

EDSIG, the Special Interest Group for IS Education of the Association for Information Technology Professionals.

Sigma Beta Delta Honor Society – Member and Cal Lutheran Chapter President

Delta Sigma Pi, Upsilon Chi Chapter – Professional Business Fraternity, Faculty Advisor

Patents

Blumstein, P., R. Cole, J. Cook, P. Witman et al. (1996). Visually impaired customer activated terminal method and system. Patent No. 5,589,855 issued by US Patent & Trademark Office, USA: Transaction Technology, Inc.

Volunteer work

Medical Banking Project

- Member, Health Information Exchange Market Council, 2009-present

Member, Program Committee, IRMA 2006 – Web Services and Information Security Management tracks

Judge, Ventura County, CA, Science Fair, 1998, 2004 - present

- Evaluate science projects of middle school and high school youth, select winning entries, recommend additional research and study for students

Habitat for Humanity, various locations

- 1993: Roofing leader, Habitat for Humanity condominium units, Pacoima, CA
- 1994: Blitz Build volunteer builder, Jimmy Carter Work Project, Waterloo, Ontario, Canada
- 2011: Women's Build, Tacoma, WA

Appalachia Service Project, Johnson City, TN

- Member, National Advisory Council, 1995 - present – fund raising and marketing
- Lead mission group of 20 high school youth and 10 adults every three years to repair homes of poor families in the Appalachian Mountains

United Methodist Church, Simi Valley, CA

- Youth worker – high school and junior high school youth. Participate in weekly meetings with youth to maintain relationships in preparation for periodic Appalachia Service Project trips.
- Volunteer builder for United Methodist Church Camps, helping to repair and perform new construction on camp buildings.
- Lay Leader, Simi Valley United Methodist Church, 2007 - 2009

Boy Scouts of America, Troop 642, Simi Valley, CA

- Quartermaster, National Youth Leadership Training Course, Camp Three Falls, CA, June 2010.
- Committee Chair, 2008 - present
- Committee Member, 2005 – present
- Webmaster, 2006 - present