CURRICULUM VITAE

Michael J. Leih

Point Loma Nazarene University
Mathematical, Information and Computer Sciences Dept.
San Diego, CA 92106
619-849-3008

EDUCATION

Doctor of Philosophy - Information Systems and Technology (2009)
Claremont Graduate University – Dr. Thomas Horan, Advisor
Dissertation Title: Regulatory Impact on IT Governance

Master of Science – Computer Science (1994)
California State University, Fullerton
Master Thesis: A Quick Start Guide to SmallTalk Programming

Bachelor of Arts – Computer Science (1988)
Point Loma Nazarene University

PUBLICATIONS

1. Leih, M. (2017). Using Real-World Team Projects: A Pedagogical Framework. Association of Christians in the Mathematical Sciences Conference Proceedings.
2. Burkhard, R. J., Horan, T. A., Hilton, B. N., & Leih, M., "Can Information Systems Foster Emotional Intelligence? A Design Theory-Based Approach." *Journal of International Technology and Information Management* 18.1 (2009): 99-IV.
3. Leih, M. J., "The Impact of the Sarbanes Oxley Act on IT Project Management", *Journal of Information Technology Theory and Application (JITTA),* 8:3 (2006) 13-30

CONFERENCE PRESENTATIONS

1. Leih, M., "Using Real-World Team Projects: A Pedagogical Frame-work", 2017 Conference of the Association of Christians in the Mathematical Sciences (ACMS), Charleston, SC (2017)
2. P.Witman, B.Hefley, V.Ilie, J.Kendall, D.Khazanchi, M.Leih, C.Njunge, T.Stafford, "Social Inclusion across IS Specializations", 22nd Annual Americans Conference on Information Systems (AMCIS), San Diego, CA (2016).
3. Leih, M., "Mobile Application Development: An Action Research Project", Trevecca faculty symposium (2016)
4. "IT Governance and the Sarbanes Oxley Act", 12th Annual Americas Conference on Information Systems (AMCIS), Acapulco Mexico (2006).
5. "The Impact of the Sarbanes Oxley Act on IT Project management, A Case Study (Research in Progress)", 11th Annual Americas Conference on Information Systems (AMCIS), Omaha Nebraska (2005).

TEACHING EXPERIENCE

Professor, Mathematics and Computer Science Department, Point Loma Nazarene University (2018 – Current)

Associate Professor, Mathematics and Computer Science Department, Point Loma Nazarene University (2016 – 2018)

CIT Program Director (2016 – current)

Undergraduate Courses Taught:
1. ISS342 – Project Management and Quality Assurance
2. ISS414 – Database Systems and Web Integration
3. CIT214 – Introduction to Hardware and Networking
4. CIT224 – Introduction to Operating Systems and Security
5. CIT153 – Information Technology Fundamentals
6. CIT314 – Networking
7. CIT354 – Project Management
8. CIT434 – Management of Information Systems
9. CIT331 – A+ Certification Exam Prep
10. CIT321 – Network+ Certification Exam Prep
11. CIT331 – Security+ Certification Exam Prep
12. CIT341 – Project+ Exam Prep
13. CIT471 – IT Practicum
14. CIT481 – IT Research
15. BUS100 – Introduction to Business (Taught 3 of the 15 weeks)

Undergraduate Courses Designed:
1. CIT141 – Intermediate Excel
2. CIT153 – IT Fundamentals
3. CIT214 – Introduction to Hardware and Networking
4. CIT224 – Introduction to Operating Systems and Security
5. CIT311 – A+ Exam Prep
6. CIT314 – Networking
7. CIT321 – Network+ Exam Prep
8. CIT324 – Security and Information Assurance
9. CIT331 – Security+ Exam Prep
10. CIT354 – Project Management
11. CIT354 – Database Design
12. CIT364 – Web Design and Scripting
13. CIT424 – Visual Programming
14. CIT434 – Management of Information Systems

Associate Professor, Information Technology Department, Skinner School of Business and Technology, Trevecca Nazarene University (2009 – 2016)

Department Chair (2011- 2015)

CIT Program Director (2011 – 2015)

IT Graduate Minor Director (2012 – 2015)

Undergraduate Courses Taught:
1. ITI3333 – Faculty-Led Academic Research Experience
2. ITI2700 – Database Design
3. ITI3710 – Database Programming
4. ITI2100 – Java Programming 1
5. ITI2110 – Java Programming 2
6. ITI3570 – JavaScript Programming
7. ITI1900 – IT Essentials
8. ITI2000 – IT Business Foundations

9. ITI1500 – Internet Office Technology
10. CIT3400 – Office Systems Programming (ASP Programming)
11. CIT2100 – Business Programming 1 (C# and Visual Basic Programming)
12. CIT2110 – Business Programming 2 (C# and Visual Basic Programming)
13. CIT4890 – IT Capstone
14. HPE1400 – Self Defense

Graduate Courses Taught:
1. ITI5073 – Management Information Systems
2. ITI6500 – IT Governance and Strategy
3. ITI6050 – Enterprise IT Security
4. ITI6800 – Current Trends in IT (Mobile Application Development)

Adjunct Instructor, School of Extended Education, California State University (1994 – 2002)
Undergraduate Course Taught:
1. Web Server Administration
2. Client / Server Computing
3. Smalltalk Programming

PROFESSIONAL EXPERIENCE

Consultant, Health Stream, Nashville, TN. (2012)

Advised new process methods for health information gathering and governmental reporting. Designed new programming and assisted in the initial development and implantation of new processing application.

IT Director – Business Solutions, Pacific Sunwear Inc. Anaheim, CA. (2008 - 2009)

Responsible for the strategic and tactical planning of the Finance, HR, Real Estate, and general administration of IT systems. Also responsible for leading the company's large projects, including the construction and integration of a new distribution center and the automation of the fulfillment system of the company's $50 million e-commerce business. Provide leadership and mentoring to the managers, business analysts, and developers reporting to the Finance and Administration Systems IT portfolio.

Sr. Project Manager / Development Lead, Pacific Sunwear Inc. Anaheim, CA. (2000 - 2008)

Reporting to the VP of Information Systems, evaluated, planned and coordinated the initiation of over 200 IT projects annually for a billion dollar national retail corporation. Partnered with executive management in every business unit throughout the company to develop the corporate IT strategic plan and then managed the IT project portfolio through project cost / benefit analysis and strategic alignment. Assumed the project management roll for the company's larger cross functional implementation initiatives. Provided executive summary status reports to corporate officers through IT strategic and IT tactical project planning. Led the IT steering committee. Mentored and supervised the company's business analysts. Initiated the process of creating and integrating a Project Management Office into the company's IT operations. Led a development team in the successful implementation of a multi-million dollar retail web site through leadership, clear objectives and providing needed resources and training. Supervised the application support programming team in their efforts to respond to application incidents. Implemented and led Internet based business-to-business projects and EDI initiatives. Organized development teams and evaluated their performance. Provided programming support and advised in application design and development.

Manager Information Technologies, Weber Aircraft Inc. Fullerton, CA. (1995 – 2000)

Reporting to the General Manager and CFO, managed the operations of the Information Systems department in three divisions. Led in the evaluated and implemented of many new technologies, including the successful migrations to a new ERP system, Internet based applications, a new HRIS system, and a fully customer integrated ordering system. Developed and managed a million dollar annual IT budget. Evaluated and purchased new software and hardware. Assigned and monitored Information Technologies projects throughout the company to both full time staff and contract professionals. Led and actively participated in all application development and programming projects.

Senior Computer Programmer/Analyst, Weber Aircraft Inc. Fullerton, CA. (1990 – 1995)

Responsible for the development and support of all in-house applications, supporting all financial, manufacturing, and distribution applications within the ERP system as well as all third party software. Led in the conversion efforts of transferring financial, personnel and manufacturing information from a legacy mainframe system to a midrange platform.

Computer Programmer/Analyst, Douglas Aircraft Company. Cypress, CA. (1989 – 1990)

Developed and maintained graphical business applications used by management to evaluate the company's current and historical business conditions. Worked on several project teams to develop custom applications and evaluated new Information Technologies to meet the corporation's business needs.

Manufacturing Methods Engineer, Douglas Aircraft Company, Torrance, CA. (1988 – 1989)

PROFESSIONAL PRESENTATIONS AND PANEL DISCUSSIONS

1. "MNPS (Metro Nashville Public Schools) High School Graduation Rate Roundtable", Nashville State Community College, Oct. 28, 2015
2. "Education in Health Care Information Technology", Tennessee Health Information Management Association, Nashville, TN. (2012)
3. "SOX and the PMO", Orange County CIO Roundtable, Anaheim, CA, 2005
4. "Managing New SOX Requirements", Orange County IBM Users Group, Irvine, CA, 2005
5. "WebSphere Commerce Integration Panel Discussion", WebSphere Users Conference, Los Vegas, 2004
6. "Agile Development", Orange County CIO Roundtable, Anaheim, CA. 2004

GRANTS

1. Faculty Lead Academic Research Experience (FLARE course), Mobile Application Development, $3500, Trevecca Nazarene University, 2015.

CONFERENCES ATTENDED

1. 2018 Instructure Conference, Keystone, CO.
2. 2017 Conference of the Association of Christians in the Mathematical Sciences (ACMS), Charleston, SC.
3. 22nd Annual Americans Conference on Information Systems (AMCIS), San Diego, CA (2016)
4. 2015 Information Systems Education Conference (ISECON), Orlando, FL
5. 2010 Information Systems Education Conference (ISECON), Nashville, FL
6. 13th Annual Americas Conference on Information Systems (AMCIS), Keystone, CO (2007).
7. 12th Annual Americas Conference on Information Systems (AMCIS), Acapulco Mexico (2006).
8. 11th Annual Americas Conference on Information Systems (AMCIS), Omaha, NE (2006).

PROFESSIONAL ORGINIZATIONS
1. Association for Computing Machinery (ACM) – Member since 2006
2. Foundation for IT Educators – Member since 2010
3. Special Interest Group for Information Technology Education – Member since 2009
4. CompTIA – Academic partner since 2013

HONORS AND AWARDS
1. Outstanding Teaching Award, Business Graduate Program, Trevecca Nazarene University, 2013
2. Outstanding Teaching Award, Computer Information Technology Program, Trevecca Nazarene University, 2011
3. 1st Degree Black Belt, Tang Soo Do, Aiten Ryu Christian Martial Arts School, 2008
4. AMCIS Doctoral Consortium, Keystone Colorado, 2007

TECHNICAL CERTIFICATIONS
1. CompTIA Project+
2. CompTIA A+
3. CompTIA IT Fundamentals

COMMUNITY ACTIVITIES
- Journal Reviewer
    1. Journal of Information Systems Education (2016 – current)
    2. Transactions on Computing Education (2010 – 2011)
- Conference Reviewer
    1. Americans Conference on Information Systems (2005 – 2007)
    2. Global Information Technology Management Conference (2005 – 2007)
    3. International Information Management Association Conference (2006)
    4. International Conference on Information systems (2003)
- Board Advisor, IT Academy, John Overton High School, Nashville, TN. (2009 – 2015)
- Committee Member, Workforce in Education, Nashville Technology Council, Nashville, TN. (2009 – 2013)
- Deacon Body Chair, Hermitage Hills Baptist Church, Nashville, TN (2014-2016)
- Church Board Member, Faith Community Church of the Nazarene, Yorba Linda, CA (1991 – 2001)