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's Thesis: A Quick Start Guide to Smalltalk Programming

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

TEACHING AND COMMITTEE EXPERIENCE

Professor, Mathematics and Computer Science Department, Point Loma Nazarene University (Sep. 2018 – Current)
Associate Professor, Mathematics and Computer Science Department, Point Loma Nazarene University (Jun. 2016 – Aug. 2018)
CIT Program Director (Jun. 2016 – current)

PLNU Undergraduate Courses Taught:
1. ISS3042 – Project Management and Quality Assurance
2. ISS4014 – Database Systems and Web Integration
3. CIT2014 – Introduction to Hardware and Networking
4. CIT2024 – Introduction to Operating Systems and Security
5. CIT1053 – Information Technology Fundamentals
6. CIT3014 – Networking
7. CIT3054 – Project Management
8. CIT3064 – Database Design
9. CIT3074 – Cloud Computing
10. CIT4014 – Web Programming
11. CIT4024 – Visual Programming
12. CIT4034 – Management of Information Systems
13. CIT2061 – Tech+ Certification Exam Prep
14. CIT2071 – A+ Core 1 Certification Exam Prep
15. CIT2081 – A+ Core 2 Certification Exam Prep
16. CIT3021 – Network+ Certification Exam Prep
17. CIT3031 – Security+ Certification Exam Prep
18. CIT3041 – Project+ Exam Prep
19. CIT4071 – IT Practicum
20. CIT4081 – IT Research
21. BUS1000 – Introduction to Business (Taught 3 of the 15 weeks)
22. CSC3003 – Python and UNIX

23. CSC3014 – Operating Systems
24. CSC3021 – Computational Tools
25. CSC3022 – Data Management for Data Analytics
26. CSC4012 – Topics in Computer Science (Cloud Computing)

PLNU Undergraduate Courses Designed:
1. CIT1041 – Intermediate Excel
2. CIT1053 – IT Fundamentals
3. CIT2014 – Introduction to Hardware and Networking
4. CIT2024 – Introduction to Operating Systems and Security
5. CIT2061 – Tech+ Certification Exam Prep
6. CIT2071 – A+ Core 1 Certification Exam Prep
7. CIT2081 – A+ Core 2 Certification Exam Prep
8. CIT3014 – Networking
9. CIT3021 – Network+ Exam Prep
10. CIT3024 – Security and Information Assurance
11. CIT3031 – Security+ Exam Prep
12. CIT3041 – Project+ Exam Prep
13. CIT3051 – Cloud+ Exam Prep
14. CIT3054 – Project Management
15. CIT3054 – Database Design
16. CIT3064 – Web Design and Scripting
17. CIT3074 – Cloud Computing
18. CIT4024 – Visual Programming
19. CIT4034 – Management of Information Systems

Associate Professor, Information Technology Department, Skinner School of Business and Technology, Trevecca Nazarene University (Aug. 2009 – May 2016)
    Department Chair (Sep. 2011- May 2016)
CIT Program Director (Sep. 2011 – May 2016)
IT Graduate Minor Director (Sep. 2012 – May 2015)

TNU 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
TNU 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 (Jun. 1994 – May. 2002)

    Undergraduate Course Taught:
1. Web Server Administration
2. Client / Server Computing
3. Smalltalk Programming

Committee Assignments and University Support
1. Graduate and Extended Studies – PLNU (Sep. 2016 – May 2017, Sep. 2024 - Current)
2. Search Advocate (Kinesiology – Spring 2023, Business – Fall 2023)
3. Educational Access Center Advisory Committee (Aug. 2021 – May 2025)
4. Search Advocate Training (Summer 2022)
5. Faculty Resource Committee – PLNU (Aug. 2020 – Aug. 2023 (Committee Chair 21/22))
6. ADC Program Directors Committee – PLNU (Sep. 2016 – Current)
7. Graduate and Extended Studies (Summer Volunteer) – PLNU (Summer 2018 and 2019)
8. Faculty Preparedness Strategy Team (Volunteer) – PLNU (Summer 2020)
9. Committee of Chairs – TNU (Sep. 2010 – May 2015)
10. Institutional Review Board – TNU (Sep. 2009 – May 2013)

Summer Research and Honors Students
1. Eliana Perks – AI Pedagogy and Student Certifications (Summer 2025)
2. Alexa Do – Sentiment Analysis of Social Media Content (2021-2022)
3. Jasmine Yabut – Cloud Computing Summer Research (Summer 2020)
4. Joey Tuttobene – IoT Security Honors Project (2019-2020)
5. Joey Tuttobene – Cloud Computing Summer Research (Summer 2018)

PROFESSIONAL EXPERIENCE

Consultant, Health Stream, Nashville, TN. (May 2012 – Sep. 2012)

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

IT Director – Business Solutions, Pacific Sunwear Inc., Anaheim, CA. (Aug. 2008 – Jun. 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. (May 2000 – Aug. 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 role 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 successfully implementing a multimillion-dollar retail website 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. (Sep. 1995 – May 2000)
Reporting to the General Manager and CFO, managed the operations of the Information Systems department in three divisions. Led the evaluation and implementation of many new technologies, including 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. (Sep. 1990 – Sep. 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 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. (Aug. 1989 – Sep. 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. (Aug. 1988 – Sep. 1989)

PUBLICATIONS
1. Leih, M. (2021). Leveraging AWS Educate Classrooms in Cloud Computing Courses, EDSIGCON Conference Proceedings 2021 (Refereed Submission), ISSN 2473-4901, v7 n5563, https://iscap.us/proceedings/2021/pdf/5563.pdf
2. Leih, M. (2017). Using Real-World Team Projects: A Pedagogical Framework. Association of Christians in the Mathematical Sciences Conference Proceedings (Refereed Publication).
3. 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.
4. 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. "Exploring the Use of a Multi-Model AI Tutor in a Database Course", Information Systems & Computing Academic Professionals (ISCAP) Conference, Louisville, Kentucky (2025)
2. Leih, M. "Using AWS Academy Learner Lab Cloud Technologies in Technology Courses," 24th Biennial Conference of the Association of Christians in the Mathematical Sciences, Dordt University (2024)
3. Leih, M., "Leveraging AWS Educate Classrooms in Cloud Computing Courses", 2021, Education Special Interest Group of the Information Systems Conference (EDSIGCON), Washington, DC (2021)
4. Leih, M., "Using Agile Project Management Techniques as a Pedagogical Framework," 2019 Conference of the Association of Christians in the Mathematical Sciences (ACMS), Marion, IN (2019)
5. Botts, R., Carter, L., Crockett, C., Leih, M., "Outreach Activities to Attract Majors – Panel Discussion", 2019 Conference of the Association of Christians in the Mathematical Sciences (ACMS), Marion, IN (2019)
6. Leih, M., "Using Real-World Team Projects: A Pedagogical Framework", 2017 Conference of the Association of Christians in the Mathematical Sciences (ACMS), Charleston, SC (2017)
7. P.Witman, B.Hefley, V.Ilie, J.Kendall, D.Khazanchi, M.Leih, C.Njunge, T.Stafford, "Social Inclusion across IS Specializations – Panel Discussion", 22nd Annual Americas Conference on Information Systems (AMCIS), San Diego, CA (2016).
8. Leih, M., "Mobile Application Development: An Action Research Project", Trevecca faculty symposium (2016)
9. "IT Governance and the Sarbanes Oxley Act", 12th Annual Americas Conference on Information Systems (AMCIS), Acapulco, Mexico (2006).
10. "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).

CURRENT RESEARCH PROJECTS
1. "Building the Future IT Workforce: What Impact Is AI Having?" A nationwide grounded theory research project working with the SIM Academic. Conducting focus groups of IT executives and leaders on their perceptions of the impact of AI on the IT workforce.

WORKSHOPS
1. Created a video on "Using Notebook LM" for training PLNU academic deans and leaders, Fall 2025, Point Loma Nazarene University, San Diego, CA
2. Presented on "Overview and Demonstration of using Honorlock to improve exam integrity of online quizzes and tests in Canvas", Summer Research Lunches + Presentations, Summer 2019, Point Loma Nazarene University, San Diego, CA

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, Las 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. Information Systems & Computing Academic Professionals (ISCAP) Conference, Louisville, Kentucky (2025)
2. Conference of the Association of Christians in the Mathematical Sciences, Dordt University (2024)
3. AI Revolution in Education, San Diego, CA (2025)
4. AI Revolution in Education, San Diego, CA (2024)
5. AWS Academy Educator Enablement Conference, Santa Monica, CA (2023)
6. 2021 Education Special Interest Group of the Information Systems Conference, Washington, DC (2021)
7. 2020 CompTIA Partners Summit, Online (2020)
8. 2019 CompTIA Partners Summit, Las Vegas, NV (2019)
9. 2019 Conference of the Association of Christians in the Mathematical Sciences (ACMS), Marion, IN (2019)
10. 2018 Instructure Conference, Keystone, CO. (2018)
11. 2017 CompTIA Partners Summit, Austin, TX (2017)
12. 2017 Conference of the Association of Christians in the Mathematical Sciences (ACMS), Charleston, SC.
13. 2016 CompTIA Partners Summit, Orlando, FL (2016)
14. 22nd Annual Americas Conference on Information Systems (AMCIS), San Diego, CA (2016)
15. 2015 Information Systems Education Conference (ISECON), Orlando, FL
16. 2010 Information Systems Education Conference (ISECON), Nashville, FL
17. 13th Annual Americas Conference on Information Systems (AMCIS), Keystone, CO (2007).
18. 12th Annual Americas Conference on Information Systems (AMCIS), Acapulco, Mexico (2006).
19. 11th Annual Americas Conference on Information Systems (AMCIS), Omaha, NE (2006).

PROFESSIONAL ORGANIZATIONS
1. Association for Computing Machinery (ACM) – Member since 2006
2. Foundation for IT Educators – Member since 2010
3. Special Interest Group for Information Systems 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 Recipient, Keystone, Colorado, 2007

TECHNICAL CERTIFICATIONS
1. AI+ Developer
2. AI+ Foundation
3. CompTIA Tech+ (2025)
4. AWS Cloud Practitioner (2023)
5. CompTIA Cloud+ (2019)
6. CompTIA Project+ (2018)
7. CompTIA A+ (2016)

8. CompTIA IT Fundamentals (2016)

COMMUNITY ACTIVITIES
- External Program Reviewer. BIOLA Computer Science and Information Systems programs (2025).
- Journal Reviewer
  1. Journal of Information Systems Education (2016 – current)
  2. Transactions on Computing Education (2010 – 2011)
- Conference Reviewer
  1. Education Special Interest Group of the Information Systems Conference (2021)
  2. Association of Christians in the Mathematical Sciences (2017)
  3. Americas Conference on Information Systems (2005 – 2007)
  4. Global Information Technology Management Conference (2005 – 2007)
  5. International Information Management Association Conference (2006)
  6. International Conference on Information Systems (2003)
- Small Group Leader, New Life Church of the Nazarene, El Cajon, CA (2017 – current)
- 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)