

## David A. Fitzgerald, Professor of Computer Information Systems

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Education:

- Master of Business Administration, University of Alaska Anchorage, 1983
- Bachelor of Business, Management Information Systems, UAA, 1991
- A.A.S. Computer Information Systems, UAA, 1984
- Bachelor of Technology, Business Administration, UAA, 1977
- A.A. Air Traffic Control, Anchorage Community College, 1974

Certification:

- Certified Information Systems Auditor (CISA), Information Systems Audit and Control Association (ISACA), 2007
- Certification Computer Forensics Examiner (CFE), Sommerset Computers, Inc., 2005
- Certification MS Windows Forensics, AccessData Group, LLC. 2006
- Certificate in Data Processing (CDP), by Institute for Certification of Computing Professionals (ICCP), 1987

### Teaching

Experience:

- July 2014 to Present – Professor, Computer Information Systems, University of Alaska, Anchorage
- July 2007 to July 2014 - Associate Professor, Computer Information Systems, University of Alaska Anchorage
- Fall 2002 to June 2007 - Assistant Professor, Computer Information Systems, University of Alaska Anchorage
- 2000 to Fall 2002 – Adjunct Instructor, Computer Information Systems, University of Alaska Anchorage
- 1986 to 1991- PC Support Manager and Trainer, Management Information Systems, Carr-Gottstein Foods Company
- 1974 to 1976 - Adjunct Instructor, Aviation Department, Anchorage Community College
- Courses Taught:
  - CIS A105 Introduction to PCs and Application Software
  - CIS A110 Computer Concepts in Business
  - CIS A295 Computer Programming Internship
  - CIS A376 Management Information Systems
  - CIS A390 Selected Topics - Computer Forensics
  - CIS A494 Information Systems Security and Forensics
- Guest Speaker:
  - BA A151 Business Foundations
  - ACCT A420 Fraud Examination
  - CIS A692 Management Information Systems Seminar

## Research

Published: Desai, A. M., Fitzgerald, D. A., & Hoanca, B., Offering a Digital Forensics Course in Anchorage, Alaska, published in the Information Systems Education Journal Volume 7, Issue 35, April 2009. (Category A intellectual contribution)

Hoanca, B. & Fitzgerald, D., Outage at UAA: A Week Without Critical Information Systems, published in Journal of Cases on Information Technology (JCIT)) Volume 15, Issue 2, December 2013(Category A intellectual contribution)

Note: this article was also featured in the Informed Librarian Online ([www.informedlibrarian.com](http://www.informedlibrarian.com))

## Service:

### University Leadership:

- UAA Faculty Senate President (2016-2017)
- UAA Faculty Senate Past President (2017-2018)
- UAA Faculty Senate First Vice President (2015-2016)
- UAA Faculty Senate Second Vice President (2011-2012)
- UAA Faculty Senate Executive Board (2011-2013) (2015-2018)
- Speaker at the December 2016 and May 2017 Commencement Ceremonies
- UAA Undergraduate Academic Board Chair (2012-2013)
- UAA Academic Computing, Distance Learning, Instructional Technology, and eLearning (ACDLITe) Committee Chair (2013-2015)
- UAA Academic Computing, Distance Learning, and Instructional Technology Committee (ACDLIT) Co-Chair (2009-2011) (2019-2020)
- UAA Diversity Committee Co-Chair (2006-2008)
- UAA Grants & Leaves Committee Co-Chair (2004-2007)
- UAA University Technology Council (UTC) Co-Chair (2013-2014)
- UAA University Technology Council (UTC) (2017-2019)
- UAA CAFÉ Workshop Presenter
- Faculty Advisor to Student Chapter of the Association for Information Technology Professionals (AITP) (2002-2015) (2017-2018)
- CBPP Curriculum Committee Chair (2006-2012) (2013-2018)
- CBPP Scholarship Committee Chair (2006-2009)

### University Membership:

- UA CITO Search Committee (2018)
- UA Common Calendar Task Force (2106-2019)
- UA Faculty Alliance (2015-2018)
- UA IT Strategic Pathways Team (3) and Presenter
- UA Statewide Distance Education/eLearning Review Committee
- UA Statewide Information Technology Governance Planning Team

- UAA Academic Computing, Distance Learning, Instructional Technology, and eLearning (ACDLITe) Committee (2007 – 2019)
- UAA Alumni Association Awards Selection Committee
- UAA Assembly (2014-2018)
- UAA Blackboard Upgrades Tester
- UAA Chancellor Search Committee (2018)
- UAA Chancellor’s Awards for Excellence Selection Committee
- UAA Diversity Officer Search Committee (2019)
- UAA E-Catalog Design Committee
- UAA E-Curriculum Beta-Tester
- UAA E-Curriculum Design Committee
- UAA E-Curriculum Handbook Co-Author
- UAA Engaged Learning Committee
- UAA Faculty Member of Council of Deans and Directors
- UAA Faculty Member of Planning Budgeting Advisory Council
- UAA Faculty Senate
- UAA Freshman Convocation Marshall
- UAA General Education Review Committee (GERC)
- UAA Hooding Committee Organizer
- UAA Information Technology Group (ITG) 2016-2109)
- UAA National Coalition Building Institute (NCBI) Team
- UAA Online Learning Advisory Committee (2018-2019)
- UAA Selection Committee for Faculty Technology Center Director
- UAA Student Academic Success Committee
- UAA Student of the Year Selection Committee
- UAA Teaching and Learning Core Theme Evaluation Team
- UAA Technology Aided Instruction Task Force
- UAA Technology Aided Instruction Director Search Committee
- UAA Title III Steering Committee (2016-2019)
- UAA Undergraduate Academic Board
- UAA University Technology Council (2009-2011 and 2013-2019)
- UAA Voter Registration Drive Volunteer
- CBPP Assessment Committee
- CBPP Computer Information Systems (CIS) Advisory Board
- CBPP CIS A110 Course Coordinator (2008-2019)
- CBPP Dean’s Student Advisory Council
- CBPP Faculty Review Committee
- CBPP Faculty Review Committee “Fifth Member”
- CBPP Information Systems and Decision Sciences (ISDS) Advisory Board
- CBPP Junior Achievement Scholarship Evaluator
- CBPP Native Outreach Committee
- CBPP Program Coordination Council (PCC) (2016-2019)
- CBPP Standards Committee

- CBPP Student Advising (7 to 10 students per year)
- CTC Computer Network Technology (CNT) Advisory Board
- CTC Selection Committee For New Faculty Members (twice)
- AHAINA Men of Excellence Selection Committee
- AHAINA Scholarship Committee
- Anchorage School District (ASD) Career & Technology Education (C&TE) Advisory Council Member
- ASD C&TE Missions and Goals Committee Chair
- ASD High School Curriculum Committee Member
- ASD Middle School Curriculum Committee Member

#### Community Leadership:

- AITP Board of Directors, 2002-present
- AITP Education Committee Chair, 2002-present
- AITP Scholarship Committee Chair, 2004-present
- Expert Witness in Computer Forensics, 2005-present
- IT Expo-AK Organizing Committee, 2005-2010
- IT Expo-AK Speaker, 2006, 2007
- Ticketing System Advisor to the Alaska Center for the Performing Arts, 2002-present
- Ushering in the Arts Captain, 1988-present

#### Community Membership:

- AITP Education Special Interest Group (EDSIG)
- Alaska Society for Technology in Education (ASTE)
- CIO Council Alaska
- High Technology Crime Investigation Association (HTCIA)
- Information Systems Audit & Control Association (ISACA)
- InfraGard, FBI cybersecurity organization
- Multi-State Information Sharing and Analysis Center (MS-ISAC)
- PC Magazine Advisory Panel
- South High School Parent Teacher Student Association

#### Honors and Recognitions:

- Distinguished Service to the Faculty Senate Award, 2015
- Beta Gamma Sigma Inductee, 2008
- UAA Alumni Association Community Service Award, 1990-91
- AITP Computer Person of the Year, 1991
- AITP Organization Participation Diamond Award
- Chancellor's Award for Diversity, UAA, (August 2013)
- Faculty Appreciation by UAA Volleyball Team (twice)

## Personal Professional

### Development: Ongoing Education in:

- Cloud Services
- Computer and Digital Forensics
- Cyber Security
- Distance Education and eLearning
- Family Educational Rights and Privacy Act (FERPA) training
- Incident Response
- Information System (IS) Auditing and Control
- Microsoft Operating Systems and Application Software
- Multimedia Software Applications
- Network Security
- Security Assurance Planning
- Title IX Training
- Web Design
- Windows and Computer Forensics
- Wireless Security
- Other IS Security Issues

## Nonacademic Work

- Experience:
- 2005 to present – Computer Forensics Examiner
  - 2001 to 2010 - Part-time Musician
  - 1996 to 2000 – Director, CarrsTix
    - Manage all aspects of statewide ticketing system
    - Establish new employee training program
    - Project Manager for ticketing system replacement and upgrades
  - 1986 to 1996 - Carr Gottstein Foods Co. Management Information Systems (MIS):
    - Computer Systems Programmer
    - Computer Applications Programmer
    - Computer Systems Analyst
    - PC Support Manager
    - Developed and administered application software training program
    - Project Manager for:
      - Courtesy card system
      - Credit card system
      - Debit card system
      - Email system
      - Event ticketing system
      - Network installation
      - Pricing support system
      - Signage system

- Video rental system
  - Warehouse management system
- 1981 to 1986 - Independent Contractor for PC Systems
    - Conduct system feasibility studies
    - Configure and install computer systems
    - Ensure security of computer systems
    - Prepare system documentation
    - Upgrade computer systems
    - Troubleshoot and repair computer systems
  - 1969 to 1970 – Air Traffic Controller, Air Route Traffic Control Centers (ARTCC)
    - Flight data operations
    - Assist journeymen air traffic controllers
    - Air Traffic Controller trainee
  - 1972 to 1981 – Air Traffic Controller, Anchorage Terminal Radar Approach Control (TRACON)
    - Separated and sequenced traffic at the Anchorage International Airport and Lake Hood Seaplane Base in both Tower and Radar Operations
    - Conducted Precision Approach Radar (PAR) control to Elmendorf AFB
    - Conducted classroom training
    - Conducted on-the-job training
    - Created and published Federal Air Regulation (FAR) brochures
    - Pilot briefing team leader
    - Elected as Facility Union Representative
    - Elected as Regional Union Representative to the National Negotiating Team
  - 1970 to 1972 – Drummer and percussionist with Mr. White Keys (also intermittently from 1972 to 2012)