

Updated Curriculum Vitae

Curriculum Vitae David A Gaitros

Last Revised: March 6th, 2023

General Information

University address: Florida State University PC
Holly Building, Room A111-P
Florida State University PC
Panama City, Florida 32405-1099
Phone: 850/644-5832; Fax: 850/644-0058

E-mail address: dgaitros@admin.fsu.edu

Web site: <http://www.cs.fsu.edu/~gaitrosd/>

Professional Preparation

2007 Ph.D., Florida State University. Major: Computer Science.
1985 M.S., Air Force Institute of Technology. Major:
Computer Science.
1977 B.S., Southern Illinois University. Major: Computer
Science.

Professional Experience

2019–present Program Director, Computer Science Teaching Faculty III,
Computer Science, Florida State University - PC Campus.
Manage the Computer Science Curriculum and full time
teacher.

2009–2019 Research Associate, Computer Science, Florida State University. Full time
teaching faculty.

2006–2009 Director, User Services, Office of Technology Integration, Florida State
University.

2005–2006 Project Director, MorphBank Research Program.

1977–1999 Lieutenant Colonel, Computer and Communications Officer, Software
Engineer, United States Air Force.

1998 Adjunct Professor, Troy State University.

- 1992–1995 Associate Chair and Instructor, Naval Postgraduate School.
In Monterey, CA.
- 1986–1989 Adjunct Professor, University of West Florida.

Honors, Awards, and Prizes

- Associate for Computing Machinery, Excellence in Teaching (2011)
University Teaching Award, Florida State University (2004). (\$2,000).
Nominated for Outstanding Teaching Award, Florida State University
(2004).
Nominated for Outstanding Teaching Award, Florida State
University (2003). Selected for Membership, Upsilon Pi Epsilon
(2003).
Nominated for Outstanding Teaching Award, Florida State University
(2002).
Air Force Meritorious Service Medal, United States Air Force (1999).
Navy/Marine Corps Commendation Medal (1995).
Outstanding Instructor, Naval Postgraduate School (1994).
Air Force Meritorious Service Medal, United States Air Force (1992).
Air Force Meritorious Service Medal, United States Air Force (1991).
Air Force Achievement Medal, United States Air Force (1990).
Outstanding Instructor of the Year, College of Business, University of West
Florida (1990).
Outstanding Instructor of the Year, College of Business, University of West
Florida (1989).
Outstanding Instructor of the Year, College of Business, University of West
Florida (1988).
Air Force Achievement Medal, United States Air Force (1984).
Air Force Commendation Medal, United States Air Force (1981).

Current Membership in Professional Organizations, Community Service

- Arc of the Bay Board of Advisors
Association for Computing Machinery, Inc. (ACM)
Military Officers Association
The Institute of Electrical and Electronics Engineers (IEEE)
SHARC Club FSU Panama City

Teaching Courses Taught

Computer Organization I (CDA3100)
Software Engineering (CEN5035)
Software Engineering I (CEN4020)
Software Engineering I Lab (CEN4090L)
Object Oriented Programming in C++ (COP3330)
Programming I (COP3014)
Programming for Non-Majors (CGS5466)
Software Engineering II (CEN4021)
Computer Fluency (CGS2060)
Microcomputer Applications for Business/Economics (CGS2100)
Object-oriented Programming in C++ for Non-Majors (CGS5409)
Special Topics in CS/ Software Engineering Project (CIS4930)
Software Engineering Principles and Practice (CEN4010)
Introduction to Database Systems (COP4710)
Object Oriented Analysis and Design (COP3331)
Relational Database Theory (CGS5428)
Introduction to Internet Technology (CGS3066)
Software Engineering Project (CEN4012)
Internship in Computer Science (CIS3943)
FORTRAN Programming (CGS3460)
Data Structures (COP4530)
FORTRAN (CGS3410)
Data Structures (CGS5425)
Programming in ADA (CIS3931)
Advanced Programming in JAVA (CIS5900)
Programming in C for Non-Specialists (CGS3408)
Software Engineering in ADA (CEN4010)
Programming in IBM Assembler Language (CGS3468)
Compiler Writing, Data Structures (COP4531)
Computer Systems Principles and Programming in ADA (CIS4930)
Software Engineering Concepts by Government Standards (CEN4010)
Object Oriented Programming in ADA (COP3331)
Object Oriented Programming in C++ (CGS4406)
Software Engineering, Networks and Communications (CEN4010)
Database Management Systems (COP4710)
Advanced Database Management Systems (CIS4930)

New Course Development

Unix Tools (2023 target date)
Ethics in Computer Science (2019)
Software Engineering I (2018)
Software Engineering Lab I (2020)
Object Oriented Design (2005)
Software Engineering (2005)
Data Structures (2001)
Database (2000)
Distance Learning - Programming in C (2000)
FORTRAN (2000)
Software Engineering with ADA - Distance Learning (2000)
C for Non-Specialists (1999)
Programming in ADA (1999)
Software Engineering with ADA (1999)

Master's Committee Chair

Drimousis, J. T., graduate. (1995). *"Analysis for the Purpose of Developing Course Material for Instructing Graduate Students in Object Oriented Programming with Ada 95," Naval Postgraduate School, Monterey, CA.*

Master's Committee Cochair

Braeden Warnick, M. S. Student expected Graduation Spring 2022
Graves, T. C., graduate. (1995). *"Graphical User Interface Design for NTCSSAM: Shipboard Administrative Requirements," Naval Postgraduate School, Monterey, CA.*
Gomez, T. C., graduate. (1994). *"The Merits of the Continued Instruction of Ada as a First Language at the Naval Postgraduate School," Naval Postgraduate School, Monterey, CA.*

Master's Committee Member

Devabhaktuni, M. S., graduate. (2010).
Mahaffey, J. C., graduate. (2009).
Winter, M. W., graduate. (1995). *"Software Fault Tree Analysis of an Automated Control System Device Written in ADA," Naval Postgraduate School, Monterey, CA.*
Rowshanaee, M. E., graduate. (1994). *"A Friendly Editing Environment for Computer-Aided Rapid Prototyping of Hard Real-Time Systems," Naval Postgraduate School, Monterey, CA.*

- Walsh, K. J., graduate. (1993). "An Automated Ada Physical Source Line Counter," *Naval Postgraduate School, Monterey, CA.*
- Ellis, M. K., graduate. (1993). "Computer Aided Prototyping System (CAPS) Within the Software Acquisitions Process: A Case Study," *Naval Postgraduate School, Monterey, CA.*

Research and Original Creative Work Publications

Refereed Journal Articles

- Liljeblad, J., Ronquist, F., Nieves-Aldrey, J., Fontal-Cazalla, F., Ros-Farre, P., Gaitros, D. A., & Pujade-Villar, J. (2008). A Fully Web-Illustrated Morphological Phylogenetic Study of Relationships Among Oak Gall Wasps and their Closest Relatives (Hymenoptera: Cynipidae). *Zootaxa*, 1796, 1-73.
- Gaitros, D. A. (2004). Common Mistakes in Large Software Development Projects. *Crosstalk, The Journal of Defense Software Engineering*, 17(3), 21-25.

Refereed Proceedings

- Datta, S., van Engelen, R., Gaitros, D. A., & Jammigumpula, N. (2007). Experiences with Tracking the Effects of Changing Requirements on MorphBank: A Web-Based Bioinformatics Application. In *45th Annual ACM-SE Southeast Regional Conference, Winston-Salem* (pp. 413-418). New York, NY: ACM Press. Retrieved from <http://dl.acm.org/citation.cfm?id=1233416>

Presentations

Refereed Papers at Conferences

- Gaitros, D. A., Zhang, W., Mast, A., Ronquist, F., & Riccardi, G. (presented 2006, June). *A Biodiversity Semantic Annotation Tool*. Paper presented at World Congress in Computer Science, Computer Engineering, and Applied Computing (WORLDCOMP), World Academy of Science, Las Vegas, NV. (International)

- Gaitros, D. A., Riccardi, G., Ronquist, F., Blanco, W., & Jammigumpula, N. (presented 2006, June). *Implementation of a Phylogenetic Database System*. Paper presented at the annual meeting, International Conference on Internet Computing (ICOMP), Las Vegas, NV. (International)
- Riccardi, G., Gaitros, D. A., & Mast, A. (presented 2005, September). *The Requirements and Implementation of a Phylogenetic Image Database, MorphBank*. Paper presented at the annual meeting, Taxonomic Database Working Group (TDWG), St. Petersburg, Russia. (International)
- Gaitros, D. A., Riccardi, G., Ronquist, F., & Jammigumpula, N. (presented 2005, June). *Development of a General Purpose Bioinformatics Digital Library Database*. Paper presented at the annual meeting, International Conference on Internet Computing (ICOMP), Las Vegas, NV. (International)
- Ronquist, F., Gaitros, D. A., & Riccardi, G. (presented 2004, November). *MorphBank, A phylogenetic database*. Paper presented at National Science Foundation Conference on Assembling the Tree of Life, NSF, Washington, DC. (National)
- Mast, A., Gaitros, D. A., & Ronquist, F. (presented 2004, October). *MorphBank: Web Image Database Technology for Biology*. Paper presented at Taxonomic Database Working Group (TDWG) Conference, Taxonomic Database Working Group (TDWG), Christchurch, New Zealand. (International)
- Gaitros, D. A. (presented 1985, December). *An Implementation of the AFIT/ENG Faculty and Student Database Management System*. Paper presented at Digital Equipment Corporation Conference, Digital Equipment Corporation, Anaheim, CA. (State)

Invited Presentations at Conferences

- Gaitros, D. A. (presented 2011, February). *Developing a Website for the IESP: Working for Digital Solutions in Research on Etruscan Sigla*. Presentation at the annual meeting, Langford Conference, Tallahassee, FL. (International)

Hosted by FSU Classics Department.

Refereed Workshops

Gaitros, D. A. (2006, March). *Annotations in a Phylogenetic Database*.
Workshop delivered at Planetary Biotic Inventories - Assembling the
Tree of Life (PBI-AToL) Workshop, Duke University. (National)

Invited Lectures and Readings of Original Work

Gaitros, D. A. (2004, September). *Annotation of Biological Graphical
Images*. Delivered at 1st Annual Meeting of the Biological Image
Database Consortium, Tallahassee, FL. (Local)

Gaitros, D. A. (2004, May). *Annotation of Biological Images*. Delivered at
Annual Meeting of the Hymenoptera Working Group, Ottawa,
Ontario. (Local)

Contracts and Grants

Contracts and Grants Funded

Li, Feifei (PI), & Gaitros, D. A. (Jul 2009–May 2011). *Archangel*. Funded by
MedGuard AV Inc. (NONE). Total award \$240,002.

Service

Computer Science Program Director, FSU Panama City Campus
Computer Science Area Coordinator, FSU Panama City Campus
General Faculty Meeting Chair, FSU Panama City Campus
Member of the Promotion and Merit Committee, FSU Panama City Campus

Community Service

Board of Advisors for the Arc of the Bay Center for Adults with Disabilities

