

Vita

Stephen P. Leach
University Distinguished Teaching Professor in Computer Science
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Education

Ph. D. (1990) Computer Science
Florida State University
Tallahassee, Florida

M. S. (1972) Mathematics
Florida State University
Tallahassee, Florida

B. S. (1970) Mathematics
Florida State University
Tallahassee, Florida

Honors

Teaching Incentive Program (TIP) Award, 1996
University Distinguished Teaching Professor Award, 1995
University Advising Award, 1991
College Advising Award, 1990
University Teaching Award, 1989
Woodrow Wilson Fellow, 1970
Phi Beta Kappa
National Science Foundation Mathematics Camp for High School Students, 1966

Military

Major, United States Marine Corps Reserve (retired). Served as Platoon Leader and Executive Officer, "C" Co., 8th TKBn, USMCR, for seven years (72-78)

Employment History

2015-present, Teaching Professor, Computer Science, Florida State University,
Panama City, Florida

2014-2015, Interim Dean, Panama City Campus & College of Applied Studies,
Florida State University, Panama City, Florida

2006-2014, Assistant/Associate Dean, Panama City Campus, Florida State
University, Panama City, Florida.

2005-2006, Associate Chair and Director of Undergraduate Studies, Department of Computer Science, Florida State University, Tallahassee, Florida.

2002-2005; Director of Undergraduate Studies, Department of Computer Science, Florida State University, Tallahassee, Florida.

1998-2002; Special Assignment, Department of Computer Science, Florida State University, Tallahassee, Florida.

Development, maintenance, and delivery of the first 2 courses (Intro to CS and OOP) as part of the 2+2 Distance Learning Initiative.

1984-1998; Associate Chairman, Department of Computer Science, Florida State University, Tallahassee, Florida.

Responsible for (1) teaching two courses per term, including summer; (2) supervision of the department's graduate teaching assistants; (3) a major portion of the undergraduate and graduate student advisement (along with the Student Affairs Coordinator); (4) development of new and modified curriculum requests; (5) participation in many recruiting and public relations activities, local and out-of-town, related to the promotion of the department; and (6) numerous other administrative duties that are required of an associate chair within a department having 350 undergraduate and 110 graduate students.

1980-1990; Senior Consultant, QUAD Corporation, Tallahassee, Florida

1977-1983; Computer Research Specialist, Computing Center, Florida State University. Applications Consultant.

Supervision of large data base management systems, primarily for non-university (state government) users. In charge of a computer reapportionment system for the House Select Committee on Reapportionment, State of Florida.

1976-1977; Systems Coordinator, Computing Center, Florida State University. Manager, Systems Development and Services.

Responsible for 24 hour operation of CDC 6400 and a Cyber 73. Operations staff consisted of 25 people, with operators also providing on-line and local user assistance.

1973-1976; Computer Research Specialist, Computing Center, Florida State University. Manager, User Services.

Provided user assistance to over 7,000 users of the two FSU research computers. Supervised a staff of 14. Assistance included consultation, seminars, contract programming, "Help Desk", and program library. Responsible for the internal training of all Computing Center personnel. Conducted high school teacher computer enrichment summer programs.

1967-1970; Programmer, Computing Center, Florida State University.

Teaching Experience

Have taught university level courses in the following areas: Assembly Language, Pascal, FORTRAN, COBOL, C, C++, Operating Systems, Data Structures, Theory of Computation, Expert Systems, Artificial Intelligence, Computer Organization and Algorithms.

Service

Associate Chair (1884-1998, 2005-2006)
Statewide Chair, Common Course Numbering (CS) (1990-1998, 2005-2006)
Director of Undergraduate Studies (2002-2006)
Chair, Undergraduate Curriculum Committee (2002-2005)
Graduate TA Supervision (1984-1998, 2005-2006)
Undergraduate/Graduate Student Advisement (1984-1998, 2002-present)
Development of Curriculum Materials (1984-present)
Graduate Admissions Committee (1984-1999, 2005-2006)
Financial Aid Committee (1984-1998, 2005-2006)
Student Recruitment (1984-1998, 2002-present)
IMS Curriculum Review Committee (2003-2004)
Homecoming Gathering Committee (2003-2006)
Departmental Representative, Honor's Program (1984-2001)
Science Fair Judge, many schools (1984-2006)
Industry/Recruiter Liaison (1984-1998)
Head Marshall, Graduations (1990-1999)
Undergraduate Policy Commission (1997-1999)
Member, President's Club (1982-present)
University Teaching/Advising Awards Committee (1998-2002)

Other Professional Activities

Director, Florida State University Credit Union
Member of FSU's Council on Instruction
Charter Member, President's Council for Excellence in Teaching
Member of the Association for Computing Machinery (ACM)
Deputy Chairman, 18th Annual Southeast Regional ACM Conference, 1980

Professional Interests

Expert system applications. Interface considerations of software utilizing an expert system.
University administration and the special circumstances and problems that are

involved in the dynamic academic atmosphere.
Computer science undergraduate and graduate curriculum.

Papers, Publications and Presentations

“Expert Systems in Government: A Look at the Redistricting Problem,” Invited Paper in Applied Computing Review, Winter 1993.

“GROUPER: A Knowledge-Based Expert System for Redistricting,” Doctoral Dissertation, 1990.

“GROUPER: An Expert System for Redistricting,” presented at ACM Symposium on Personal and Small Computers, March 1990.

“A Computerized Analysis of Disenfranchisement from SRJ 1E,” a special report prepared for the Florida House Select Committee on Reapportionment, May, 1982.

“The Florida Public Service Commission Transportation Department’s Motor Carrier Information System,” presented at the Southeast Regional ACM Conference, March, 1980.

“Computer Technology: New Benefits Which Can Benefit the Regulatory Agency,” invited speaker for the Southeastern Association of Regulatory Utility Commissioners (SEARuC), 1978.

Contracts and Grants

Principal Investigator, National Physical Science Consortium Fellowship (Tarina Whitfield), 1991-1996, \$140,000.

Principal Investigator, Regulatory Analysis System, Florida Public Service Commission; 1977-1980, \$690,000.

Principal Investigator, Inmate Information System, Florida Department of Corrections; 1979-1980, \$410,000.

Principal Investigator, House Reapportionment System, State of Florida; 1981, \$225,000.