

Edward L. Jones

<http://www.cis.famu.edu/~ejones>

Professional Preparation

Johnson C. Smith University	Mathematics	B.S.	1972
Cornell University	Computer Science	M.S.	1975
University of North Carolina at Chapel Hill	Computer Science	Ph.D.	1984

Appointments

- Chairman, CIS, Florida A&M University, since August 2002.
- Interim Chairman, CIS, Florida A&M University, August 2001-2002.
- Associate Professor, CIS, Florida A&M University, August 1998.
- Visiting Associate Professor, CIS, Florida A&M University, August 1994 – July 1998.
- Adjunct Graduate Faculty, Computer Science, Florida Institute of Technology, August 1990.
- Adjunct Graduate Lecturer, Computer Science, The Johns Hopkins University Whiting School of Engineering, Rockville, MD., 1988.
- Adjunct Professor, Computer Science, Virginia Polytechnic Institute and State University Northern Virginia Graduate Center, 1987.
- Adjunct Lecturer, Computer Science, Rollins College Patrick AFB, FL., 1986.
- Member Technical Staff, Software Productivity Consortium, Herndon, VA, August 1986-June 1988.
- Staff Software Engineer, Harris Corporation, August 1985- July 1998.
- Assistant Professor, Math/Computer Science, Winston-Salem State University, January 1981 – July 1985.

Publications:

1. Jones, E.L., “Integrating Testing into the Curriculum -- Arsenic in Small Doses,” *Proceedings 32nd Technical Symposium on Computer Science Education*, 21-25 February 2001, Charlotte, NC, 337-341.
2. Jones, E.L., “Educators Join the Fray – Tester Training for Undergraduates,” **keynote**, 18th International Conference and Exposition on Testing Computer Software, Washington, D.C., June 18-22, 2001.
3. Jones, E.L. and Allen, A.S., Repositories for CS Courses – An Evolutionary Tale, *Proceedings of 8th ITiCSE Conference on Innovation and Technology in Computer Science Education*, Thessaloniki, Greece, June 30-July 2, 2003, 119-123.
4. Nowicki, C. and Jones, E., “A Framework for Extending Online Assessment,” 6th International Conference on Information Technology Based Higher Education and Training (ITHET2005), July 7-9, 2005, Santo Domingo, Dominican Republic, *to appear*.
5. Jones, E., Stewart, J., and Wilder, C., “A Software Protection Technique for Student Programming Environments,” 9th World Multiconference on Systemics, Cybernetics and Informatics (WMSCI2005), July 10-13, 2005, Orlando, FL USA, *to appear*.

Other Related

1. Jones, E.L. and Sun, Y., “Specification-Driven Automated Testing of GUI-Based Java Programs,” ACM Southeast Conference, April 2-3, 2004, Huntsville, Alabama, 140-145. Jones, E.L., Testing in the Capstone Course – Reusable Patterns for a Value-Added Experience (A Tutorial), *Journal of Computing in Small Colleges*, Vol. 17, 4, March 2002, 142-144.

2. Jones, E.L., "Plagiarism Monitoring and Detection – Towards an Open Discussion," *Journal of Computing in Small Colleges Vol. 16*, No. 3, March 2001, 229-236.
3. Jones, E.L., "In Search of an Information Systems Projects Course," *Proceedings of the 4th International Conference on Information Systems, Analysis and Synthesis*, Orlando, Florida (July 12-16, 1998), 156-163.
4. Jones, E.L., "An Experiential Approach to Incorporating Software Testing into the Computer Science Curriculum," 2001 Frontiers in Education Conference (FIE 2001), Reno, Nevada, October 10-13, 2001, F3D7-F3D11.
5. Jones, E.L. and Rembert, A.J., "A Simulation Based Trainer for Software Reliability Modeling," *Proceedings of the 12th International Symposium on Software Reliability Engineering (ISSRE 2001)*, Hong Kong, November 27-30, 2001, 160-165.

Synergistic Activities

1. Founded FAMU Software TestLab, attracted corporate support to employ undergraduates, undergraduate research and graduate theses in software testing. TestLab activities include publication of brochures, newsletters and proposals for corporate support totaling over \$95,000.
2. Board Member, Association of Computer and Information Science/Engineering Departments at Minority Institutions (ADMI), 2003-present.
3. Mentor for Florida-Georgia Louis Stokes Alliance for Minority Participation (FGSLAMP). Provide research projects for STEM students to promote graduate study.
4. Initiated repository-based course management system in 1996. Has evolved to support efforts such as automated program checking (student research publication) and plagiarism studies. Repository in use in departmental courses: email and web interfaces under development in collaboration with Dr. Clement Allen.

Collaborators

Sara Stoecklin, Alec Yasinsac (Florida State University), Cem Kaner (Florida Tech), Peter Clarke (Florida International University), Clement Allen, Deidre Evans, Christy Chatmon (Florida A&M University).

Graduate Advisors

Frederick P. Brooks, Peter Calingaert, Donald F. Stanat (UNC-Chapel Hill), David L. Parnas (McMaster University, Hamilton Ontario, Canada), Kishor Trivedi (Duke University)

Thesis Advisees (M.S.)

Florida Institute of Technology, 1989-1993: S. Solsi, N. Bammerski, B. Anantharamaiah, P. Vemuri
 Florida A&M (1998-present): D. Walters, B. Sengodan, Y. Sun, R. Swain, C. Nowicki,
 Current: D. Shah, S. Kalathil, S. Kottayi, J. Sachdeva