

FACULTY VITAE

1. Name: Katherine H. Winters

2. Education

Degree	Field	Institution	Date
M.S.	Computer Science	University of Tennessee at Chattanooga	2007
M.S.	Engineering Management	University of Tennessee at Chattanooga	1998
B.S.	Computer Science	University of Tennessee at Chattanooga	1981

3. Academic experience

- University of Tennessee, Senior Instructor, Coordinator of Computer Literacy, 2012 – present, full time
- University of Tennessee, Instructor, Coordinator of Computer Literacy, 1999 – 2012, full time
- University of Tennessee, adjunct, 1998 – 1999
- Chattanooga State Technical Community College, adjunct, 1997-1998 4.

4. Non-academic experience

Organization	Title	Duties	Dates	FT/PT
TVA (Tennessee Valley Authority)	Engineering Process Specialist	Developed an integrated financial database to be used in budgeting, reporting, and monitoring expenditures.	1993-1997	FT
TVA (Tennessee Valley Authority)	Engineering Specialist	Supervision, data analysis using statistical software, graphical presentation, database development Taught Total Quality Improvement Techniques	1982-1993	FT
TVA (Tennessee Valley Authority)	Engineering Technician	Developed COBOL, SAS and Fortran code for engineering projects	1978-1982	FT
TVA (Tennessee Valley Authority)	Engineering aide,	COBOL and JCL coding	1997-1998	PT

5. Certifications or professional registrations

N/A

6. Membership in professional organization

ACM
IEEE
UPE

7. Honors and awards

Best Lecturer Teaching, 2015, Favorite Teacher, 2012, 2012 Service
Star Award, 2011 & 2012 You Make A Difference Award, 2005
Outstanding Computer Science Teaching, 2006 Magna Cum Laude

8. Service activities

- ACM MidSoutheast Chair – 2007-2008, 2015
- ACM MidSoutheast Vice-Chair – 2006, 2007, 2013, 2014
- Faculty Senate, current
- University committees – Technology Development, Rating of Faculty, Petitions, Appeals, Faculty Development Grant, Budget and Economic Status Committee
- Various department committees

9. Publications and presentation from past five years

- Kathy Winters, The Law in Information Security, Readings and Cases, Vol. II, publication in Fall 2009, Cengage Learning
- Kathy Winters, Claire McCollough, A Student-Designed Computer System to Aid ABET Assessment : Using One ABET Requirement to Fulfill Another, ASCEE, April 2009.
- Li Yang, Kathy Winters, Joseph M. Kizza, Biometrics Education with Hands-on Labs, ACM Southeast Conference, ACM digital Library, March 2008.
- Joseph Kizza, Li Yang, Andy Novobilski and Kathy Winters, *TMAS A Capstone Project*, Proceedings of Frontiers in Education, Worldcomp'06, June 26-29, 2006.

10. Recent professional development activities

- Presented at workshop hosted by UTC for faculty in Information Security presenting on Computer Ethics 2012, 2013.
- Teaching Mobile Computing, Cengage Conference, 2012.
- Course Redesign, Cengage Conference, 2012
- Security for Mobile Devices, ACM MidSoutheast, 2012
- So You Think You Want to Begin Teaching Mobile Computing, ACM MidSoutheast, 2011,
- How to Improve the Pass Rate in Introductory Course, ACM MidSoutheast, 2010