

Dr. Mary Ellen Weisskopf
University of Alabama in Huntsville
Computer Science
(256) 824-6306
Email: weisskm@uah.edu

Education

Ph D, University of Alabama in Huntsville, 1989.
Major: Computer Science
Supporting Areas of Emphasis: Mathematics
Dissertation Title: A Model-Based Action Representation for Multiagent Planning Systems
MS, University of Alabama in Huntsville, 1980.
Major: Computer Science
Supporting Areas of Emphasis: Mathematics
Dissertation Title: N/A
BA, Vanderbilt University, 1960.
Major: Mathematics
Supporting Areas of Emphasis: Philosophy

Professional Memberships

Institute of Electrical and Electronic Engineers/Computer Society. (2000 - Present).
Association for Computing Machinery. (1986 - Present).

TEACHING

Teaching Activities: Summary list of courses taught and/or developed

CS 100 – Basic Computers and Computing
CS 107 –Computer Science I using C*
CS 108 – Introduction to Computer Science I using Pascal
CS 113 – Introduction to Computing using Fortran
CS 121 – Computer Science I using C++*
CS 208 – (v1) Computer Organization and Software Systems I (using Assembly Language)
CS 208 – (v2) Computer Organization and Advanced Programming I (using Pascal)
CS 208 – (v3) Introduction to Computer Science II: Pascal and data structures
CS 214 – Introduction to Discrete Structures
CS 308 – Computer Organization and Assembly Language Programming
CS 312 – Systems Software Development Using C
CS 314 – Data Organization and File Processing
CS 317 – Introduction to Design and Analysis of Algorithms
CS 424 – Programming Languages
CS 490 – (v1) Systems Software (renumbered version of CS 501)
CS 490 – (v2) Introduction to Operating Systems*
CS 501 – Systems Software
CS 517 – Data Organization and Algorithm Analysis
CS 524 – Programming Languages
CS 690 – (v1) Operating Systems
CS 690 – (v2) Advanced Operating Systems*
CS 790 – Operating Systems Seminar*

* I was entirely, or almost entirely responsible for the development of these courses.

Recent Directed Student Learning

Doctoral Advisory Committee Member, Computer Science (September 2014 – Spring 2015)

Advised: William Sabados

Defended Spring 2015

Doctoral Advisory Committee Member, Computer Science. (January 15, 2014 – Fall 2016).

Advised: Julien McKinney Young

Defended: Fall semester 2016

Doctoral Advisory Committee Member, Computer Science (Fall Semester 2013 – Present)

Advised: Mini Zeng

Participated in qualifying examination

Defended February 23, 2018

Master's Thesis Committee Member, Computer Science, (2016)

Advised: Daniel Davis

Defended

Doctoral Advisory Committee Member. (May 20, 2011 - Present).

Advised: Brian Woods

Participated in re-qualifying examination

Doctoral Advisory Committee Member, Computer Science. (August 19, 2010 - Present).

Advised: Sui Gong

Participated in qualifying examination

Doctoral Advisory Committee Member, Computer Science. (August 24, 2007 –Summer 2017).

Advised: Sussan Einakian

Defended August 25, 2017

Doctoral Advisory Committee Member, Mathematics, (2016 -2017)

Advised: Yang Li

Defended

Doctoral Advisory Committee Member, Computer Science (Spring 2019 – continuing)

Advised: Katia Mayfield

Doctoral Advisory Committee Member, Modeling & Simulation (Spring 2019 – continuing)

Advised: Walter Alan Cantrell

Proposal defended May 14, 2020

SERVICE SUMMARY

Department Service

Committee Member, Departmental SACSCOC committee. (January 2015 - Present).

Faculty Advisor, JUMP program committee. (January 2011 - Present).

Committee Member, Ph.D. Preliminary Examination. (2004 - Present).

Supervisor, Graduate Teaching Assistants. (2000 - Present).

Coordinator, Undergraduate Curriculum. (January 1995 - Present).

Committee Chair, Departmental Assessment Process - ABET.

Committee Member, ABET Visit. (November 2015).

Participated in catalog update process (April 2018 - present)

Undergraduate Curriculum Coordinator (1995 – Present)

College Service

Recruited judges and acted as judge for Computer Science entries, Alabama State Science & Engineering Fair Judge. (April 2004 - Present).

Committee Member, Math Dept. Lecturer Reappointment Committees. (February 2004 - Present).

Committee Member, College Curriculum Committee. (2000 - Present).

Dr. Mary Ellen E. Weisskopf

University of Alabama in Huntsville

Computer Science

(256) 824-6306

Email: weisskm@uah.edu

Education

Ph D, University of Alabama in Huntsville, 1989.

Major: Computer Science

Supporting Areas of Emphasis: Mathematics

Dissertation Title: A Model-Based Action Representation for Multiagent Planning Systems

MS, University of Alabama in Huntsville, 1980.

Major: Computer Science

Supporting Areas of Emphasis: Mathematics

Dissertation Title: N/A

BA, Vanderbilt University, 1960.

Major: Mathematics

Supporting Areas of Emphasis: Philosophy

Dissertation Title: none

Professional Memberships

Institute of Electrical and Electronic Engineers/Computer Society. (2000 - Present).

Association for Computing Machinery. (1986 - Present).

TEACHING

Teaching Experience (2020-2021)

CS 214 Introduction to Discrete Structures Spring 2021.

CS 424/524, Programming Languages, Fall 2020, Spring 2021

CS 690, Advanced Operating Systems, Fall 2020.

Directed Student Learning

Doctoral Advisory Committee Member, Computer Science (September 2014 – Spring 2015)

Advised: William Sabados

Defended Spring 2015

Doctoral Advisory Committee Member, Computer Science. (January 15, 2014 – Fall 2016).

Advised: Julien McKinney Young

Defended: Fall semester 2016

Doctoral Advisory Committee Member, Computer Science (Fall Semester 2013 – Present)

Advised: Mini Zeng

Participated in qualifying examination

Defended February 23, 2018

Master's Thesis Committee Member, Computer Science, (2016)

Advised: Daniel Davis

Defended

Doctoral Advisory Committee Member. (May 20, 2011 - Present).

Advised: Brian Woods

Participated in re-qualifying examination

Doctoral Advisory Committee Member, Computer Science. (August 19, 2010 - Present).

Advised: Sui Gong

Participated in qualifying examination

Doctoral Advisory Committee Member, Computer Science. (August 24, 2007 –Summer 2017).

Advised: Sussan Einakian

Defended August 25, 2017

Doctoral Advisory Committee Member, Mathematics, (2016 -2017)

Advised: Yang Li

Defended

SERVICE

Department Service

Committee Member, Departmental SACSCOC committee. (January 2015 - Present).

Faculty Advisor, JUMP program committee. (January 2011 - Present).

Judging coordinator for senior Computer Science and sometimes Math, Alabama State Science & Engineering Fair Judge. (April 2004 - Present).

Committee Member, Ph.D. Preliminary Examination. (2004 - Present).

Supervisor, Graduate Teaching Assistants. (2000 - Present).

Committee Member, Comprehensive Examination. (1995 - Present).

Committee Chair, Departmental Recruitment. (1995 - Present).

Coordinator, Undergraduate Curriculum. (January 1995 - Present).

Committee Chair, Departmental Assessment Process - ABET. (1988 - Present)

Committee Member, ABET Visit. (November 2015).

Responsible for updating Computer Science programs in new catalog, Departmental Catalog Updates. (April 2016, April 2017).

Participated in catalog update process (April 2018)

Undergraduate Curriculum Coordinator (1995 – Present)

College Service

Recruited judges and acted as judge for Computer Science entries, Alabama State Science & Engineering Fair Judge. (April 2004 - Present).

Committee Member, Math Dept. Lecturer Reappointment Committee. (February 2004 - Present).

Committee Member, College Curriculum Committee. (2000 - Present).

University Service

Participated in all on-campus University level recruiting events (1995 – Present)

Serve as a member of the Assessment Peer Review Committee (2018)

Attended the Compliance Workshop and follow-up activities (2017)

Professional Service

Member, IEEE Computer Society. (1990 - Present).

Member, Association for Computing Machinery. (1986 - Present).

Public Service

Board Member, Huntsville Symphony Orchestra Board of Directors, Huntsville, Alabama. (2007 – 2016, Emeritus 2017 - Present).