

Education

Ph.D. Higher Education/Math Cognate from The University of South Florida
M.Ed. from The University of South Florida, Tampa, Fl
B.S. from Florida State University, Tallahassee, Fl

Employment History

University of South Florida, Tampa, Fl: *Lecture Professor Mathematics Faculty (2007-present)*

- Presently designed and currently implementing a new method of delivering curriculum for college algebra and finite mathematics that includes one large interactive class using student response pads along with required computer lab classes that use the online interactive programs, MyLabsPlus and WebAssign. This includes supervision and professional development of Graduate Teaching Assistants and Math Tutors. Also teaching a distance learning College Algebra and a distance learning Finite Mathematics course through Blackboard incorporating MyLabsPlus and WebAssign and using Elluminate Live for synchronous lessons.
- USF mathematics general education representative to the State of Florida Common Core College and Career Readiness Standards Workshops from 2008 to 2010. This work involved helping to identify the most essential skills necessary for success in college entry math courses, writing exemplars for each skill, evaluating the vendor bids for acquiring a placement test for these skills, and evaluating the final online assessment test.
- USF mathematics general education representative to the State of Florida College-level Academic Competencies in Mathematics and Statistics Committee in 2010. This committee addressed competencies that would normally be found in college-level precalculus mathematics and statistics courses that satisfy both Gordon Rule and general education. Recommendations regarding the college-level academic skills that will be associated with each of the competency categories and what mathematics general education courses they will be taught in were made.
- Wrote the College Algebra and Finite Mathematics curriculum proposal approved by the General Education Committee at USF. That curriculum includes student outcomes that incorporate critical thinking and problem-based learning in an interactive learning environment.
- Participated in the “Increments and Transformations Institute” at USF in summer of 2006, the summer of 2009, and the summer of 2010.
- Co-presented “Clicker” Workshop spring semester 2010 and also developed and facilitated two faculty workshops, “Interactive Online Learning,” during the 2006-2007 school year for the USF Center for 21st Century Teaching Excellence department.
- Previously team taught a distance learning college algebra class. Utilized video conferencing for an off campus site. The class received weekly lectures with videotapes available on campus and a live weekly call-in algebra hotline TV show on the Education Channel for homework questions.

Hillsborough Community College, Tampa, Fl: *Assistant Professor Mathematics (1984-2007)*

- Taught courses from developmental mathematics through calculus I, some with distance learning
 - Developed and taught a course on how to overcome math anxiety
 - Developed course curriculum, helped staff and manage math learning labs, chaired committees and coached the cheerleading squad
-

Publications/ Presentations

- Co-author, Intermediate Algebra, 3rd Edition, McGraw Hill Publishers, 2009
 - Developed and presented “Just the FAQ’s: Algebra I”, video vignettes for the Education Channel in Hillsborough County, which won first place in the 2005 “Southern Sunshine Awards” sponsored by the Southeast Region of the Alliance for Community Media. It took top honors in the “Instructional Series” category, judged against other entries from public, educational and governmental channels across seven states in the southeast region.
 - Presented a session at the AMATYC Convention in San Diego, 2005: “On-line Math Students-Loners or Interactors”; Co-presented a session at the AMATYC Convention in Atlanta, 1997: “College Algebra at USF, a Distance Learning Approach”
 - Co-hosted a live-call in Algebra hotline TV hour once a week on the Education Channel in Hillsborough County for 3 years (1994-1997)
 - Wrote the script and presented a CLAST Review set of videos (1997)
 - Wrote the teachers annotated text for an algebra series with International Thompson Publishing (1998)
 - Edited algebra textbooks for Prentice Hall Publishers and International Thompson Publishing
-

Interactive Math Software Consulting Work

Cengage Publishing: *Lead Faculty/Training Consultant (2008-Present)*

- Serve as lead trainer for instructors using the online math management and interactive tutorial system called WebAssign.

Houghton Mifflin: *Faculty Advisor/Training Consultant (2005-2007)*

- Did on-campus training for mathematics instructors at various universities in the south using Eduspace interactive software

McGraw Hill: *Symposium Presenter (2006)*

- Presented ideas on how to integrate the mathematics interactive software, ALEKS, in a college math class.