

## FERNANDO BURGOS

Department of Mathematics and Statistics  
University of South Florida, CMC 342  
Tampa, Florida 33620

(813)974-1269  
fburgos@usf.edu

### EDUCATION

- 1988      *Ph.D. in Mathematics*, Northeastern University, Boston, Massachusetts  
(Dissertation Title: *Inference After Selection: Unequal Scales and Other Results*)
- 1982      *M.S. in Mathematics*, National Polytechnic Institute of Mexico, Mexico  
(Area of Concentration: *Probability Theory*)
- 1980      *B.Sc. in Mathematics*, University of Yucatan, Mexico

### TEACHING EXPERIENCE

- 2017-      *Instructor of Mathematics (Level III)*, Univ of South Florida, Tampa, FL
- 2011-2017      *Senior Instructor of Mathematics (Level II)*, Univ. of South Florida, Tampa, FL
- 2002-2011      *Instructor of Mathematics (Level I)*, University of South Florida, Tampa, FL
- 1998-2002      *Adjunct Instructor of Mathematics*, Hillsborough Community College, Tampa FL
- 1997-2002      *Adjunct Instructor of Mathematics*, University of South Florida, Tampa, FL
- 2000-2001      *High School Math Teacher (Full-time, 1-year position)*, Sickles Sr. High, Tampa, FL
- 1994-1997      *Professor of Mathematics*, Math Department, University of Yucatan, Mexico
- 1988-1994      *Assistant Professor of Mathematics*, University of Southern Colorado (USC), Pueblo, CO
- 1984-1988      *Graduate Teaching Assistant*, Northeastern University, Boston, MA
- 1978-1980      *High School Math Teacher*, Prep School #2, Yucatan, Mexico

### PROFESSIONAL AND SERVICE ACTIVITIES:

- 2011-2013      *Nagle Lecture Committee*, USF Tampa, FL
- 2015-2017
- 2003-2010      *USF Department of Math & Stat Undergraduate Advisor*, USF, Tampa, FL
- 2003-      *Florida Epsilon Chapter of Pi Mu Epsilon Faculty Advisor*, USF, Tampa, FL
- 2003-      *USF Student Chapter of the MAA Faculty Advisor*, USF, Tampa, FL
- 2003-      *USF Math Club Faculty Sponsor*, USF, Tampa, FL

- 2003-         *Hillsborough County Math Bowl (USF Coordinator)*, USF, Tampa, FL
- 2003-2011    *Math Department Undergraduate Committee*, USF, Tampa, FL
- 2003-2017    *Math Department Publicity Committee*, USF, Tampa, FL
- 2004-2007    *Finite Math Course Coordinator*, USF, Tampa, FL
- 1996         *Math Program Manager*, Math Department, University of Yucatan, Mexico
- 1994         *Math Week (Event Coordinator)*, Math Department, University of Yucatan, Mexico
- 1993         *Fermi Problems Competition (Event Coordinator)*, USA Science Olympiad, USC, Pueblo, CO
- 1992-1994    *Scholarly Activities Board (Chair)*, University of Southern Colorado, Pueblo, CO
- 1991-1994    *Grant Reviewer*, National Council of Science and Technology (CONACYT), Mexico
- 1988-1994    *Math Judge, High School Annual Math Bowl Competition*. USC, Pueblo, CO

### **PARTICIPATION IN MATH EDUCATION GRANTS**

- 2013-2016    Helped design and taught the first three versions of the course MAS 3205 Number Concepts Connections for pre-service middle school teachers in the USF College of Education Helios STEM Middle School Project.
- 2009-2010    Florida PROMiSE (Partnership to Rejuvenate and Optimize Mathematics and Science Education). Designed the Professional Development Module on Elementary Number Theory, and delivered the Number and Operations Module content to K-12 Florida Teachers in three two-week Summer Institutes in Lake Place, Florida, and Miami, Florida.
- 2007         Project ACE (Achievement through Content Expertise), a grant funded by the Florida Department of Education. Designed the Professional Development Module “Numbers and Operation”, trained facilitators, and helped deliver the module content to K-12 Florida Teachers in a two-week Summer Institute in Tampa, Florida.

### **RESEARCH INTERESTS**

Math Education, Selection and Ranking of Populations, Mathematical Statistics,

### **LANGUAGES:**

English and Spanish: read, write, and speak

### **PROFESSIONAL MEMBERSHIPS**

Mathematical Association of America (MAA)