

FERNANDO BURGOS

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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

- 2011- *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, Chair*, USF Tampa, FL
- 2015-2016
- 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
- 2003-2014 *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)