

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

- 2021-2024 *Professor of Instruction*, University of South Florida, Tampa, FL
- 2017-2021 *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
- 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*

- 2003-2024 *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
- 2005-2007 *CAS Diversity Committee*, USF College of Arts & Sciences, 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-

UNDERGRADUATE COURSES TAUGHT

Spanish I, College Algebra, Precalculus Algebra and Trigonometry, Finite Mathematics, Math for the Liberal Arts, Introductory Statistics, Business Statistics, Introduction to Probability, Analysis of Variance, Life Sciences Calculus, Business Calculus, Engineering Calculus I, II, and III, Differential Equations, Discrete Mathematics, Linear Algebra, Number Concepts Connections, Geometry, Bridge to Abstract Mathematics, Early History of Mathematics (Undergraduate version)

GRADUATE COURSES TAUGHT

Probability Theory, Mathematical Statistics, Early History of Mathematics (Graduate version)

LANGUAGES:

English and Spanish: read, write, and speak

PROFESSIONAL MEMBERSHIPS

Mathematical Association of America (MAA)