

# Michael L. Ortiz

## *Curriculum Vita*

Department of Liberal Arts  
Sul Ross State University Rio Grande College  
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### **Education**

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2009            Ph.D. in Mathematics, University of Texas at Austin (Dan Freed, thesis adviser)  
2002            B.S. in Mathematics with a Minor in Physics, University of North Texas

### **Faculty Positions Held**

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2009 – 11      Assistant Professor of Mathematics, Sul Ross State University  
2006 – 08      Assistant Instructor, University of Texas

### **Teaching Experience**

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As Assistant Professor at Sul Ross State University:

- Special Topics in Mathematics (Orthogonal Functions): MTH 5301
- Real Variables: MTH 4307
- Modern Abstract Algebra: MTH 4301
- Discrete Mathematics: MTH 3310
- Survey of Basic Mathematical Theory, parts I and II: MTH 3308/3309
- Topics in Mathematics (Complex Variables): MTH 3306
- Linear Algebra: MTH 3304
- Multi-Variant Calculus: MTH 3303

As Assistant Instructor at the University of Texas:

- Elementary Functions and Coordinate Geometry: M 305G
- Introduction to Real Analysis: M 361K

### **University Service**

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2011            Cowriter of Rio Grande College mathematics program narrative and learning outcome assessment methods as reported to Southern Association of Colleges and Schools

- 2011 Mathematical consultant for National Science Foundation grant proposal submitted by Rio Grande College
- 2009 – 11 Mathematics adviser, Rio Grande College
- 2009 – 11 Sponsor, Pi Sigma Math Club, Rio Grande College
- 2009 – 11 Member, Student Fee Advisory Committee, Rio Grande College

### **Publications**

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- 2009 “Differential Equivariant K-Theory” (Ph.D. thesis)

### **Conferences Attended**

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- 2008 Texas Topology and Geometry Conference, University of Texas
- 2006 Riemannian Topology Conference, University of New Mexico
- 2005 Texas Topology and Geometry Conference, Texas Tech University
- 2002 Conference of Ford Fellows, Albuquerque, New Mexico

### **Awards Received**

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- 2010 – 11 Meritorious faculty ranking, Rio Grande College
- 2006 – 09 Research assistantships through research grants from National Science Foundation
- 2002 – 05 Ford Foundation Predoctoral Fellowship for Minorities, National Academy of Sciences
- 2002 – 03 Dean’s Excellence Fellowship, College of Natural Sciences, University of Texas
- 2002 Outstanding Undergraduate Mathematics Major, University of North Texas
- 1997 – 2001 Regents’ Scholarship, University of North Texas
- 1997 – 2001 Multicultural Scholarship, University of North Texas