

Nabor Reyna Jr.

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OBJECTIVE To become a skilled mathematician and further my knowledge in the field of conducting research, in order to fulfill my goal of becoming a university professor.

EDUCATION *Rice University,* Houston, TX
PhD Candidate
Expected May 2013
Concentration: Computational and Applied Mathematics

The University of Texas - Pan American, Edinburg, TX
Bachelor of Science
Graduated May 2008
Double major in Mathematics & Computer Science

EXPERIENCE *The University of Texas - Pan American* Edinburg, TX
Teaching Assistant Fall 2007

- Performed grading, note preparation and gave lecture.

LSAMP Participant Summer 2007

- Created mathematical models, graphical user interfaces (GUIs) for simulations, and performed data analysis.

LSAMP Mathematics Tutor/Grader Spring '06 - Spring '08

- Performed grading (Calculus II), gave lecture, and supervised computer center.

Rice University Houston, TX
AGEP Participant Summer 2006

- Analysis of protein structures, complexity analysis and weekly research presentations.

Texas State Technical College Harlingen, TX
TexPREP Program Assistant Summers 1998 - 2005

- Student recruitment, staff training, lecturing as well as responsible for academic and financial reports.

COMPUTER SKILLS *Languages & Software:* Microsoft Office, OpenOffice and their applications, C, C++, Visual Basic, Java, Matlab; Windows, Unix/Linux environments.

**HONORS/
AWARDS**

Graduated Magna Cum Laude : 3.740/ 4.0
Dean's List: Spring '05, Fall '05, Spring '06, Fall '06, Spring '07, Fall '07, Spring '08
1st place oral presentations Computer Science Student Research Day (2008)
Dr. Joseph Wiener Memorial Math Scholarship (2007)
Louis Stokes Alliances for Minority Participation (LSAMP) Fellow (2007,2008)
2nd place oral presentation Texas LSAMP Annual Conference (2007)
Honorable Mention for the Ford Foundation Fellowship (2007,2008)
Undergraduate Research Scholars Initiative Fellow (2006,2007)
Davidson Endowed Scholarship (2005)
Jim Brooks Memorial Endowed Scholarship (2004)
Exemplary Migrant Student of the Year (2003,2004)

**EXTRA-
CURRICULAR
ACTIVITIES**

Association for Computing Machinery, (*Treasurer 2008*)
Empowering Leadership Alliance
Golden Key International Honour Society
Phi Kappa Phi Honors Society
Society for Advancement of Chicanos and Native Americans in Science (SACNAS)
Society for Industrial and Applied Mathematics (*Secretary 2009*)

**PRESENT-
ATIONS**

GPU Technology Conference 2010 San Jose, California
- High-Performance Compressive Sensing using Jacket

2010 SACNAS National Conference Anaheim, California
- Applying to Graduate School and the Interview Process
chaired along with
Dr. L. Martinez, Dr. L. Melara Jr.

2009 SACNAS National Conference Dallas, Texas
- Applying to Graduate School and the Interview Process
along with
Dr. L. Martinez, Dr. L. Melara Jr.
- Modeling Faculty Teaching Workload as a Linear Program and Automating the Process
along with
Dr. M.C. Villalobos

2008 AGEF Final Banquet Houston, Texas
- Using Sparse Representation for Face Recognition (Poster)

2008 CAAM Student Lecture Series Houston, Texas
- Face Recognition via Sparse Representation

2008 SACNAS National Conference Salt Lake City, Utah
- Applying to Graduate School in Math or the Physical Sciences
along with
Dr. L. Martinez, Dr. L. Melara Jr., Dr. M.C. Villalobos

2008 Computer Science Student Research Day
- StainedGlass Project

Edinburg, TX

along with
Mr. T. Pulickal

2007 LSAMP Texas Annual Conference
- Mathematical analysis of an audit risk model

San Antonio, TX