

Vivianna Gamez Molina

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Objective

My objective is to graduate in May 2014 with a Bachelor's Degree from Northern Arizona University

Education

Northern Arizona University (NAU) - Flagstaff, AZ

- B.S. Environmental Engineering, Minor in Spanish - Expected Graduation Date: *May 2014*
 - Courses Taken:

<i>AutoCAD</i>	<i>Air Quality Engineering</i>	<i>Hydraulics</i>	<i>Water Quality Engineering</i>
<i>Engineering Design</i>	<i>Hazardous Waste</i>	<i>Air Pollution Controls</i>	<i>Geotechnical Engineering</i>
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Professional Experience

Lumberjacks Mathematics Center at NAU

January 2013-Present

- Math Jack Tutoring Position
- Tutoring 50 students algebra for precalculus and quantitative reasoning weekly

Undergraduate Research Assistant at Michigan Technological University

June 2013-July 2013

- Assisted on a water resources modeling workshop in Hermosillo, Mexico
- Helped to begin the literature review for the impact of bioenergy on water resources (18 articles)
- Translated survey questions and analyzed the answers by using the IBM SPSS Statistics Software

NAU/ NASA Space Grant Undergraduate Research

August 2012-May 2013

- Researching the equilibrium of algae biomass combined with gases from an anaerobic digester
- Need to submit an abstract and present the results at the Arizona Space Grant Consortium Annual Symposium
- Designed a poster which summarized the findings; which was displayed on NAU's Undergraduate Research and Design Symposium

W. L. Gore & Associates, Inc. Environmental Engineer Intern

June 2012-August 2012

- Involved with the Environmental, Health, and Safety Department working on a project involving water regulations from federal, state, and local levels
- Updated PowerPoint presentations for the Health and Safety New Hire Training (i.e. Bloodborne Pathogens Presentation)
- Revised the inventories for cranes, hoists, and forklifts to verify compliance with OSHA programs

University/ Union Information Desk at NAU

December 2011-May 2012

- Manager Position
- Trained and supervised about 25 employees, scheduled work shifts, directed team bonding activities, and evaluated staff performance

University/ Union Information Desk at NAU

February 2011-December 2011

- Assistant Manager Position
 - Provided customer service, organized room settings, maintained the building clean, and approved timecards
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Clubs/ Activities

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| • Tau Beta Pi Engineering Honor Society | President | <i>2013-Present</i> |
| • Chi Alpha Epsilon Academic Honor Society | Member | <i>2013- Present</i> |
| • National Action Council for Minorities in Engineering (NACME): | Scholar & Ambassador | <i>2012-Present</i> |
| • Society of Hispanic Professional Engineers (SHPE): | Member & Treasurer | <i>2012-Present</i> |
| • Multicultural Engineering Program (MEP): | Member | <i>2010-Present</i> |
| • Student Support Services (SSS): | Member | <i>2010-Present</i> |
| • American Society of Civil Engineers (ASCE): | Member | <i>2011-2012</i> |
| • Hispanic Honor Society (HHS): | Member | <i>2010-2011</i> |
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Awards/ Accomplishments

- Dean's List *Fall 2010 through Spring 2013*
- National Institute for Leadership Advancement Certificate for SHPE *Summer 2012*
- Student of the Year for SSS *Spring 2011*
- Dr. Eugene Carter Scholarship *Fall 2011*