

# 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

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## 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

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