

# GEORGIA ANNE NELSON

gnelson@tgen.org

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## EDUCATION AND AWARDS

<b>Northern Arizona University, Flagstaff, AZ</b> Biology Major and Chemistry Minor, GPA 3.87	<b>Class of 2021</b>
<b>Palos Verdes High School, Palos Verdes Estates, CA</b>	<b>Class of 2017</b>
<b>Dean's Honor Roll, Northern Arizona University (GPA 3.5+)</b>	<b>2017-2021</b>
<b>National Society of Collegiate Scholars</b>	<b>2018-2021</b>

## WORK AND VOLUNTEER EXPERIENCE

<b>Translational Genomic Research Institute</b> <b>Research Associate</b>	<b>August 2021 - Present</b>
<ul style="list-style-type: none"><li>• Lead researcher in a peptide/antibody analysis technique unique to TGen North called PepSeq</li><li>• Partial organizer of the COVID-19 vaccine study and other branching research projects</li></ul>	
<b>Department of Justice, Los Angeles, CA and Flagstaff, AZ</b> <b>Paid Student Workforce Trainee</b>	<b>June 2019 - May 2021</b>
<ul style="list-style-type: none"><li>• Worked alongside trained professionals</li><li>• Became comfortable using legal processes, techniques, programs, and multiple databases</li><li>• Obtained Top Secret Security Clearance</li></ul>	
<b>Translational Genomic Research Institute</b> <b>Internship</b>	<b>August 2020 - May 2021</b>
<ul style="list-style-type: none"><li>• Trained researcher on both DNA and RNA</li><li>• Capable of handling different species of viruses and bacteria</li><li>• BSL2 laboratory trained</li></ul>	
<b>Northern Arizona University Chemistry Department</b> <b>Teaching Assistant</b>	<b>August 2019 - December 2019</b>
<ul style="list-style-type: none"><li>• Proctored in-class quizzes and exams</li><li>• Held weekly office hours for those students in need of more practice or explanation</li></ul>	
<b>Torrance Memorial Medical Center, Torrance CA</b> <b>Internship</b>	<b>May 2018 – August 2018</b>
<ul style="list-style-type: none"><li>• Observed Physical Therapists in the Outpatient Department completing over 80 hours</li><li>• Learned multiple treatment options for a wide variety of disabilities</li></ul>	

**Seeds of Learning, Ciudad Dario, Nicaragua**

**Construction Volunteer**

**June 2017 – July 2017**

- Helped build a school for children in a remote village in Nicaragua
- Volunteered at schools previously built by S.O.L. in surrounding villages
- Distributed school supplies to nearby schools

**PROFESSIONAL SKILLS**

- Works efficiently in team settings
- Strong capability to solve problems
- Is able to remain calm during high stress situations and can take charge when needed
- Trained in:
  - Peptide sequencing
  - Preparing and loading sequencing machines
  - Synthesizing multimer libraries for analysis
  - ELISA analysis techniques
  - Shipping biohazardous materials and samples
  - Preparing and resuspending dry blood spot cards
  - Depleting and enriching antibodies

**ADDITIONAL RELEVANT INFORMATION**

- Member of Pi Beta Phi Sorority, Northern Arizona University 2017-2021

**REFERENCES AVAILABLE UPON REQUEST**