

STEPHANIE WILLIS

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2526 N. Sharlaine Dr.
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EDUCATION

- BS** Longwood University, Biology August 2018- May 2022
Minored in Psychology
GPA: 3.129 (Biology) 3.167 (Overall)
Courses: Statistical Decision Making and Applied Statistics, Integrative Biology
Intro to Genetics and Cell Biology, Intro to Ecology and Evolution, Genetics
Fundamental Chemistry I and II, Organic Chemistry I, Organic Chemistry Lab I
General Physics I and II, Comprehensive Human A&P I, Immunology, Animal
Behavior, Perspectives in Toxicology, General Microbiology, Biogeography,
Comprehensive Human A&P II (Spring 2022), Honors Research in Biology (Fall
2021 and Spring 2022), Adolescent and Adult Development Psychology, Social
Psychology, Biopsychology, Abnormal Psychology
- HS** Robert E. Lee High School, Advanced Diploma January 2016- May 2018
GPA (Weighted): 4.106

HONORS AND AWARDS

- Grasp Last Dollar Scholarship** 2018
\$1,000 scholarship awarded in the spring of 2018.
- The Barbara Bringman Memorial Scholarship** 2018
\$500.00 scholarship awarded in the spring of 2018. This scholarship is given in memorial of Barbara Bringman, beloved teacher at Lee High for 40 years. This scholarship is given to a Senior Class member who embodies the citizenship, selflessness, grace, compassion, and humbleness that defined Mrs. Bringman.
- Class of 1962 Scholarship** 2018
\$1,000.00 scholarship awarded in the spring of 2018. Given by the Robert E. Lee High School Class of 1962 in memory of Dawn Wimer and Erskin Collins to a student in good standing who plans to attend a 2-year or 4-year college and demonstrates financial need.
- Le Grand Concours: The National French Contest** 2018
Silver medalist awarded for being in the 90th or 85th percentile for the National French Exam.
- Virginia Blood Services Scholarship** 2018

Scholarship awarded in the spring of 2018 for working 3 or more blood drives during high school career.

Rotunda Award 2018-2019

\$3,000.00 scholarship awarded for receiving a specific GPA in high school.

Honors Scholarship 2018-2019

\$1,000.00 scholarship awarded for being in the Cormier Honors College.

Whitehead Scholarship 2021-2022

\$4,000.00 scholarship awarded to students who are female and demonstrate a financial need and that identify as Christian. Students must also be from the following states: Alabama, Florida, Georgia, Louisiana, Mississippi, North Carolina, South Carolina, Tennessee, and Virginia.

RESEARCH EXPERIENCE

Longwood Senior Thesis (In Progress), Longwood University,
Farmville, VA. Advisor: Dr. Amorette Barber Fall 2021- Spring 2022

- Title of Project: What characteristics of chimeric antigen receptor T cells induce the strongest and safest anti-cancer responses?
- Skills obtained from this project: Knowledge in completing multiple assays including: LDH release assay (Pierce), MTT cell proliferation assay (Promega), ELISA (BioLegend). These assays were all completed in the Fall of 2021 and there are two more assays that will be completed in the Spring of 2022. These assays are LegendPlex (BioLegend) assays that will measure for cytokine and chemokine responses.

Longwood University Posters and Presentations

- Spring 2019. Poster Presentation: The Morphological, Biochemical, and Genetic Characterization of Yeast Growth on Berries
- Fall 2019. Oral Presentation: Old McDonald had an Ant Farm: The Tunneling Behavior of Ants in Different Soils
- Spring 2020. Poster Presentation (Virtual): The Effect of Knocking Out WFS1 Gene in *Drosophila melanogaster* S2 Cells
- Fall 2020: Poster Presentation (Virtual): *The Risk of the Pandemic*: Covid-19's Effect on Risk and Protective Factors
- Spring 2021: Oral (Virtual): Historical Implications and Immunological Facts About SARS-COV2 and Vaccines
- Spring 2021: Oral (Virtual): The Characterization and Diagnosis of Bare Lymphocyte Syndrome: A Case Study
- Fall 2021: Poster (Virtual): How weight effects the angles and amount of force on ankles when completing a jump.
- Fall 2021: Presentation (Oral): Nature Play Path Project Proposal

National and State Conferences

- Spring 2022 NURVA: Poster (Oral): Costimulatory Domains Alter the Efficacy and Safety of Chimeric Antigen Receptor- expressing Gamma Delta T cells
- Spring 2022 NCUR: Presentation (Oral): Costimulatory Domains Alter the Efficacy and Safety of Chimeric Antigen Receptor- expressing Gamma Delta T cells

WORK EXPERIENCE

Upchurch University Center, 2019-Present

Building Supervisor and Information Desk staff. Managed information desk duties and building supervisor duties. Created and updated check out records, work orders, and lost and found. As well as completed rounds each our and made sure the building operations were running smoothly. Maintained a welcoming and friendly environment.

LABORATORY SKILLS

- Use of Micropipette
- Cytotoxicity Assay
- LEGENDPlex (Chemokine & Cytokine)
- ELISA
- Flow Cytometry
- Centrifuge
- PCR
- Gel Electrophoresis
- Cell culture

SKILLS

- Teamwork
- Leadership
- Time Management
- Adaptability
- Microsoft Office
- Reasoning
- Conflict Resolution
- Speaking and Writing

TRAINING

- CITI Training: Human Subject Researchers
- CITI Training: Introduction to Biosafety

OTHER

Extracurricular activities

- Mortar Board- Geist Chapter
 - o Vice President of Oktoberfest (Spring 2021-Present)
- Cook Cole Student Advisory Board
 - o Membership Chair (Fall 2020-Present)
- Alpha Sigma Tau Sorority
 - o Zeta Tau Chapter (Fall 2020-Present)
 - o Director of Philanthropy and Service (Fall 2021- Present)
- Upchurch Student Advisory Board
 - o General member (Fall 2020-Present)
- Student Philanthropy Council
 - o General member (Fall 2019-Spring 2021)
 - o Chair of SPC (Spring 2021- Present)
- Women in STEM Club
 - o General member (Fall 2019-Present)
- Elwood's Cabinet
 - o General member (Fall 2019- Spring 2020)
- Cormier Honors College
 - o Scholar (Fall 2018-Present)

Community Outreach

- Cormier Honors College
 - o Mentor (Fall 2019- Present)
- American Foundation for Suicide Prevention
 - o Advocate (2015-Present)

REFERENCES

Dr. Amorette Barber, Associate Professor
 Department of Biological and Environmental Sciences
 Longwood University
 Phone: (434) 395-2726
 Email: barberar@longwood.edu

Dustyn Hall, Director of Affinity Giving and Communications
Institutional Advancement
Longwood University
Phone: (434) 395-4850
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Jessi Znosko, Senior Director of the Cormier Honors College
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