

# MAIA M. PAYNE

[mpayne20@my.tnstate.edu](mailto:mpayne20@my.tnstate.edu)  
[www.linkedin.com/in/maiampayne](https://www.linkedin.com/in/maiampayne)

## EDUCATION

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| <b>Tennessee State University, Nashville, TN</b><br><i>Ph.D. Agricultural Sciences- Environmental Sciences</i>     | <b>May 2026</b>      |
| <b>Tennessee State University, Nashville, TN</b><br><i>M.S Agricultural Sciences- Environmental Sciences (GIS)</i> | <b>May 2023</b>      |
| <b>University of Tennessee, Knoxville, TN</b><br><i>B.S. Earth and Planetary Sciences – Geology,</i>               | <b>December 2020</b> |

## WORK EXPERIENCE

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| <b>MEISPP Intern</b><br><b>Washington D.C./Remote</b>   | <b>May 2024 – April 2025</b>      |
| <ul style="list-style-type: none"><li>➤ U.S. Department of Energy – Office of Clean Energy Demonstrations<ul style="list-style-type: none"><li>• Interned at the DOE in Washington, D.C. for technical assistance with clean energy demonstrations and Justice 40 projects</li><li>• Contributed ideas, presented findings, utilized GIS, developed strategies for community engagement</li></ul></li></ul> |                                   |
| <b>Yale Environmental Fellow</b><br><b>Remote</b>   | <b>June 2023 – August 2023</b>    |
| <ul style="list-style-type: none"><li>➤ Yale School of the Environment<ul style="list-style-type: none"><li>• Interned at Elevate in Chicago, IL for lead service lines and technical assistance projects</li><li>• Contributed ideas, presented findings, utilized GIS</li></ul></li></ul>   |                                   |
| <b>CSA HBCU Student Advisor</b><br><b>Remote</b>  | <b>January 2022 – June 2022</b>   |
| <ul style="list-style-type: none"><li>➤ Citizen Science Association<ul style="list-style-type: none"><li>• Assisted in developing a Community Science Fellowship Program for HBCU students</li><li>• Contributed ideas and feedback for fellowship development</li></ul></li></ul>  |                                   |
| <b>Graduate Research Assistant</b><br><b>Nashville, TN</b>  | <b>January 2021 – August 2022</b> |
| <ul style="list-style-type: none"><li>➤ Biotechnology Lab Mate<ul style="list-style-type: none"><li>• Led experiments on the nutritional content of cowpea</li><li>• Geographically mapped USDA cowpea accessions</li><li>• Conference organized on WHOVA platform</li></ul></li></ul>  |                                   |
| <b>SMART Institute</b><br><b>Knoxville, TN</b>  | <b>August 2019 – March 2020</b>   |
| <ul style="list-style-type: none"><li>➤ Academic Tutor</li></ul>  |                                   |

- Provided mathematics tutoring to middle school students
- Led English and Reading ACT prep classes for high school students

## **TEACHING EXPERIENCE**

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### **Tennessee State University, Nashville, TN: Agricultural Sciences**

- AGSC 2510- Fundamentals of Geographic Information Systems **August 2023 - Present**
- AGSC 2200- Fundamentals of Soil Science **January 2025 – May 2025**
- AGSC 2400- Introduction to Environmental Sciences **August 2024 – December 2024**
- AGSC 1200- Introduction to Plant Science – **January 2024 – May 2024**
- AGSC 3120- Introduction to Applied Statistics **August 2023- December 2023**

## **VOLUNTEER EXPERIENCE**

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### **ASST Tutoring Co-Director – Robert Churchwell Museum Magnet School**

- Assisted the director in organizing curriculum and programming for the students
- Provided weekly in-person STEM tutoring to elementary school students  
February 2025 – May 2025

### **412 Youth Ministry Tutoring –First Baptist Church Capitol Hill**

- Provided weekly tutoring to elementary and middle school students  
January 2024 – Present

### **ASST Tutoring – Mt. Zion**

- Provided biweekly in-person algebra and statistics tutoring to high school students  
September 2023 – December 2023

### **United Way's Raise Your Hand Tutoring**

- Provided weekly in-person reading and language arts tutoring to elementary school students  
September 2021 – August 2022

### **Peer Tutoring**

- Created a study group and provided weekly in-person Statistics tutoring with classmates  
August 2021 - Present

## **ACTIVITIES AND ORGANIZATIONS**

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- Tennessee State University Agriculture Graduate Students Association (AGSA)
- Minorities in Agriculture, Natural Resources and Related Sciences (MANNRS)
- National Society of Black Engineers (NSBE)
  - Treasurer
  - Fundraiser
- Tennessee Louis Stokes Alliance for Minority Participation (TLSAMP)

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## AWARDS AND RECOGNITIONS

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- 2025 Tennessee State University POTUS Fellow
- 2024 Tennessee State University POTUS Fellow
- 2024 10<sup>th</sup> Africa Conference Presenter
- 2023 9<sup>th</sup> HBCU Climate Change Conference Scholarship
- 2023 Tennessee State University POTUS Fellow
- 2022 – 2023 Thomas Wyatt Turner Fellow
- 2022 Yale Environmental Fellows Program Finalist
- 2022 8<sup>th</sup> HBCU Climate Change Conference Scholarship
- 2020 Don Byerly Field Camp Scholarship
- Dr. Lois Wilson Service Award

## ADDITIONAL SKILLS

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- ArcGIS Pro
- RStudio
- Microsoft Word
- Microsoft PowerPoint
- Microsoft Excel
- Power BI
- Petrographic Microscope
- ERDAS Imagine