

# Brook Langford

| brook.langford@okstate.edu |

## Educational Experience

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### Oklahoma State University (OSU)

*Bachelor of Science in Agricultural Education*

*Stillwater, Oklahoma  
Anticipated Graduation 2024*

### OSU International Study Tour, Ferguson College of Agriculture

*Agricultural Education, Communications, and Leadership*

*Prague, Czech Republic  
May 2023*

## Professional Experience

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### Silo Public School

*Agricultural Education Clinical Teaching Experience*

*Spring 2024*

- Developed and implemented creative lesson plans tailored to diverse student needs, effectively integrating technology and interactive activities.
- Collaborated with mentor teachers and school staff to assess student progress and adjust instructional strategies accordingly.
- Completed 15 weeks of hands-on teaching experience in 8<sup>th</sup>-12<sup>th</sup> grades in Introduction to Agriculture, Horticulture, Natural Resources, and Agricultural Communication courses.

### Stillwater Public School

*Agricultural Education Classroom Teaching Experience*

*Fall 2023*

- Implemented technology tools and interactive activities to enhance the learning experience and encourage student participation through AFNR standards.

### Edmond Public School

*Agricultural Education Classroom and Laboratory Observation*

*Fall 2022*

- Explored the use of agricultural laboratories as dynamic learning environments, focusing on practical applications of theoretical concepts.

### Elk City Public School

*Supervised Agriculture Experience (SAE) Observation*

*Fall 2022*

- Examined the diverse range of SAE projects, including entrepreneurship, research, and placement experiences, to understand the learning opportunities provided.

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## Work Experience

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### **OSU Urban Horticulture Research and Extension Experience for Undergraduates** Stillwater, OK

*REEU Youth Horticulture and Extension Outreach Intern*

*Summer 2023*

- Educate youth and adults on gardens and environmental efforts in food deserts across North Central, OK.
- Observe and perform horticultural sciences and agricultural research.
- Plan and facilitate extension workshops for horticulturists, students, and the community.

### **Oklahoma State University Student Employee**

**Stillwater, OK**

*Horticulture and Landscape Architecture-Viticulture & Enology Student Worker*

*Jan-May 2023*

- Assist with viticulture, enology operations, and drip irrigation/trellis design.
- Perform daily vineyard maintenance of planting, pruning, & harvest.
- Observe and facilitate extension, research, and outreach through community-wide workshops.

### **Oklahoma State University Student Employee**

**Stillwater, OK**

*Agricultural Systems Technology Undergraduate Teaching Assistant*

*2022-2023*

- Assist with instructing students on the fundamentals of Metals and Welding.
- Perform daily grade checks, record attendance, and prepare lesson plans.
- Help students in all lab settings and operate Oxyfuel, SMAW, and GMAW applications.
- Observation of professional development, leadership, and career readiness.

### **Oklahoma Department of Agriculture, Food, and Forestry (ODAFF)**

**Oklahoma City, OK**

*Oklahoma Ag in the Classroom (AITC) Intern*

*Summer 2021-22*

- Over 300 hours of work experience for the Market Development Department.
- Develop teacher resource curriculum for K-12 students.
- Plan and facilitate events for professional educators.
- Proficient in written & oral communications - operating Microsoft Office 365 (Word, PowerPoint, & Excel).

## Certifications

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NAAE Convention Professional Development Hours: 10	2024
American Red Cross: <i>Adult and Pediatric First Aid/CPR/AED</i>	2023
Curriculum for Agricultural Science Education (CASE): <i>Agricultural Food and Natural Resources (AFNR) Pathways and Small Gas Engines</i>	2023-24

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## Accomplishments

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Eddie and Barbara Smith Family Scholarship Recipient	2024
NAAE Convention and Future Agriscience Teacher Symposium Recipient	2024
Noble Foundation Scholarship Recipient	2023-24
OSU Student Success Leader Multicultural Programs Leader	2023-24
OSU Lenoard Hunter Memorial Scholarship Recipient	2023-24
OSU REEU Research Awardee in Youth Horticulture and Extension Outreach	2023
Oklahoma Youth Expo Agricultural Mechanic Showmanship Judge	2022-23
Agriculture Future of America Sustainability Institute Recipient	2022-23
Oklahoma Future Teacher Scholarship and Employment Incentive Program Recipient	2022-24
OSU AG 1011 Student Academic Mentor	2022
Tulsa State Fair Agricultural Education Intern	2022
OSU Student Success Leader Career Liaison	2022-23
OSU Beta Psi Chapter of Sigma Alpha Sorority Service Chair	2022-23
Oklahoma Career Tech Foundation, Inc. Scholarship Recipient	2022-24
National FFA American Degree Recipient	2022

## Professional Organizations

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National FFA Organization Alumni Association	2023-24
Curriculum for Agricultural Science Education (CASE)	2023-24
National Association of Agricultural Educators (NAAE)	2023-24
American Association of Agricultural Educators (AAAE)	2023-24
Oklahoma Agricultural Education Teachers Association (OAETA)	2023-24
Agriculture Future of America	2021-23
OSU Baptist Collegiate Ministry	2020-23
OSU Beta Psi Chapter of Sigma Alpha Sorority	2020-24
OSU Collegiate FFA	2020-23
OSU Freshman In Transition Living to Learn Program	2020-21

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## References

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### **Tara Brown**

*Agricultural Education Program Instructor*

Silo Public School

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### **Nathan Smith**

*Instructor/Coordinator of Field Placement*

Agricultural Education, Communications, and Leadership

Biosystems and Agricultural Engineering

Oklahoma State University

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### **Emily Ague**

*Professional Development Coordinator*

Oklahoma Department of Agriculture, Food and Forestry

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### **Cassie Graham**

*Agricultural Education Program Instructor*

Elgin Public School

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