

# Kyle M. Linders

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## Education

**Master of Science in Agronomy - Plant Breeding and Genetics**

**University of Nebraska-Lincoln**  
May 2023

**Bachelor of Science in Plant Biology - Biotechnology**

GPA: 3.6/4.0

**University of Nebraska-Lincoln**  
May 2020

## Research Experience

**University of Nebraska-Lincoln – Lincoln, NE**

*Graduate Research Assistant - Sigmon Lab and Schnable Lab*

*Research Technician – Schnable Lab*

**May 2021-Present**

**August 2020-May 2021**

- Designed and implemented data collection protocols to measure growth and development traits in a large replicated field study of sorghum nitrogen response
- Trained and supervised a team of 8 undergraduate student workers to precisely and accurately collect phenotypic data
- Managed and analyzed large phenotypic and genotypic datasets to meaningfully interpret collected data
- Assisted with planting, plot maintenance, tissue sampling, and hand-harvesting of small-plot sorghum and maize field trials

*Undergraduate Research Assistant – Soybean Breeding and Genetics*

**September 2017-March 2020**

- Gained skills vital to small plot research including field design, seed packaging, and operation of a research planter
- Performed a variety of field tasks including plot maintenance, note-taking, irrigation, and hand-harvesting
- Worked under graduate students and technicians to collect data for a diverse set of soybean breeding trials

**Syngenta Seeds Production Research – Waterloo, NE**

*Field Technology and Innovation Intern*

**May 2019-August 2019**

- Managed data collection of five separate small-plot agronomic trials at both an on-site farm and collaborator fields
- Designed and led a field technology experimental trial involving optimization of a novel piece of large agricultural equipment
- Applied pesticides and determined need for fertilizer and irrigation to maintain suitable agronomic conditions
- Developed knowledge of regulated seed policies and procedures to ensure stewardship standards are met

## Teaching Experience

**University of Nebraska-Lincoln – Lincoln, NE**

*Learning Assistant – Science and Decision-Making*

**August 2022-Present**

- Led a recitation section of 32 students, including short lectures, activities, group discussions, and assignments
- Facilitated constructive discussion within and between undergraduate student groups during the course lecture session
- Assessed progress and performance of students through grading assignments and conversations with student groups

*Undergraduate Teaching Assistant - Genetics*

**August 2018-May 2019**

- Co-taught lab/recitation of 35 students in genetics and assisted students with practice problems and activities
- Worked with the professor and other teaching assistants to plan lab activities and grade projects and exams

## Skills and Abilities

- Experimental Design
- Project Management
- Group Communication
- Data Collection
- Data Management

- Microsoft Office
- R Statistical Software
- Mechanical Maintenance and Repair
- Pesticide Application
- Small Plot Planter Operation

## Awards and Recognitions

- Graduate Student Speaker – UNL Plant Science Retreat – 2022
- David Distinguished Scholarship Recipient – 2016-2020
- Dean's List – Fall 2016, Spring 2017, Fall 2017, Fall 2019

## Leadership

- Chair of the 2023 Nebraska Plant Science Symposium Planning Committee - Present
- Founding member of the UNL Plant Biology Club – 2020

**References and  
Relevant Coursework  
Available Upon Request**

