



Samantha Teten

Curriculum Vitae

Education

- 2019–2021 **Masters of Science**, *The University of Nebraska-Lincoln*, GPA – 4.0.
Mechanized Systems Management - Specialization in Precision Agriculture
- 2015–2019 **Bachelor of Science**, *The University of Nebraska-Lincoln*, GPA – 3.93.
Agronomy

Masters Thesis

- Title *Active and Passive Sensor-Based Nitrogen Management in Non-Irrigated Corn*
- Advisor Professor Joe David Luck
- Description This thesis explored the impact of site-specific variability on the effectiveness of sensor-based nitrogen management using UAVs and active sensors. The research was conducted through on-farm research trials prioritizing the improvement of nitrogen use efficiency and profitability.

Experience

Vocational

- 2019–Present **Graduate Research Assistant**, UNIVERSITY OF NEBRASKA-LINCOLN.
- 2018 **Agronomy Sciences Intern**, DUPONT PIONEER, Johnston, IA.
- 2017 **Crop Protection Intern**, SYNGENTA, Eastern NE.
- 2016 **Sales and Marketing Intern**, HELENA AGRIENTERPRISES, Central KS.
Awarded Helena Intern of the Year

Teaching

- Fall 2020 **NACTA Precision Agriculture Team**, *Team Coach*.
- Fall 2019, 2020 **Site-Specific Crop Management MYSM 431**, *Teaching Assistant*.
- Spring 2020 **NACTA Crops Judging Team AGRO 496**, *Team Assistant Coach*.
- Fall 2019 **Soil Evaluation SOIL 279**, *Team Assistant Coach and Teaching Assistant*.

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Spring 2017, 2018, 2019 **Soil Nutrient Relationships SOIL 366**, *Teaching Assistant*.
Spring 2019 **Resource Efficient Crop Management AGRO 204** , *Teaching Assistant*.
Fall 2016, 2017, 2018 **Agronomic Plant Science Laboratory AGRO 132**, *Teaching Assistant*.
Fall 2017 **Preparation for Agronomy Careers AGRO 201**, *Teaching Assistant*.
Fall and Spring 2017 **Soil Resources SOIL 153**, *Teaching Assistant*.

University Affiliations

2019 Biological Systems Engineering Graduate Association
2015-2019 Agronomy Club
2015-2019 CASNR Coffee Club
2015-2019 Soil Judging Team
2015-2019 Crops Judging Team
2016-2019 Alpha Zeta National Honor Society
2017 NCWSS Weeds Contest Team

Awards

2019 5th Annual Graduate Student ASA, CSSA, SSSA Leadership Conference Participant
2019 Cooper Sharpless Fellowship Recipient
2015-2019 University of Nebraska-Lincoln Regents Scholar
2016-2019 College of Agricultural Sciences and Natural Resources Student Ambassador
2018 and 2019 University of Nebraska-Lincoln Outstanding Student Leadership Semifinalist

Computer skills

Basic MATLAB, SAS
Intermediate python, R, Adobe Premier
Advanced ArcGIS

Communication Skills

2020 "FarmBits" Podcast Host from the Nebraska Digital Ag Team
2020 Graduate Oral Presentation at American Society of Agronomy
2020 Nebraska On-Farm Research Virtual Field Day
2020 Graduate Oral Presentation at American Society of Agricultural and Biological Engineers Conference
2020 Nebraska On-Farm Research Results Meetings
2019 Graduate Oral Presentation at American Society of Agronomy
2019 Graduate Poster and Flash Talk at Nitrogen Use Efficiency Workshop

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2019 South Central Agricultural Laboratory Field Day

Interests

- Piano
- Baking
- Running
- Accordion
- Gardening

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