

# Mila Victório Pessotto

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G301 Agronomy Hall. 716 Farm House Ln  
Ames, IA 50011

(479) 200 - 5994  
pessotto@iastate.edu

## EDUCATION

**Ph.D.**, Crop Production and Physiology **exp. Aug. 2025**

*Department of Agronomy*

*Iowa State University (ISU), Iowa, USA*

Advisors: Dr. Mark Licht and Dr. Marshall McDaniel

**M.S.**, Crop, Soil, and Environmental Sciences **2022**

*Department of Crop, Soil, and Environmental Sciences*

*University of Arkansas (UARK), Arkansas, USA*

Advisor: Dr. Trenton Roberts

Thesis: Using thermal units to predict biomass accumulation and total nitrogen uptake for cover crops in Arkansas.

**B.S.**, Agronomy **2013 - 2018**

*College of Agriculture "Luiz de Queiroz"*

*University of São Paulo (USP), São Paulo, Brazil*

Advisor: Dr. Durval Dourado Neto

Thesis: Effects of pre- and post-emergency herbicides in the biological nitrogen fixation in soybeans (*Glyxine max*)

## RESEARCH EXPERIENCE

Graduate Assistant Research at ISU **2022 - present**

Graduate Assistant at UARK **2019 - 2022**

Internship at the Plant Production Lab at USP with Dr. Durval Dourado Neto **Aug. 2017 - Dec. 2018**

Internship at Purdue University under Dr. Shaun Casteel **Fall 2016**

## EXTENSION EXPERIENCE

Cover crop tour for visiting group from Brazil ("fundação MS") **Aug.-27-2024**

"Kirkwood Community College/Iowa State University: Soil Health Field Day" presenter **Aug.-8-2024**  
"Starting with cover crops successfully" session

Organizing committee for "Sustainability and Plant Health Field Day" **July 2023**

"Sustainability and Plant Health Field Day" presenter **July-11-2023**  
"Soil Health and an Easy Way to Test Aggregate Structure" session

## TEACHING EXPERIENCE

Instructor of Record for Soils and Plant Growth Lab at ISU **Fall 2023 & Spring 2024**

12 undergraduate students each semester

- Teaching lectures
- Supervising lab procedures
- Creating assignments
- Grading
- Giving feedback
- Office hours

Teaching Assistant for Agronomic Systems Analysis at ISU (online)	Spring 2024
19 master students	
<ul style="list-style-type: none"> <li>Grading assignments</li> <li>Giving feedback</li> </ul>	

### Mentoring Undergraduate Students

Marina Ferandini Vallada Guadagnucci (USP)	2024
Project: Assessing water holding capacity in different soil management	
Maria Luiza Schmidt de Freitas (USP)	2024-2025(AY)
Project: Assessing aggregate stability using two methods in different soil management	

### AWARDS

Vernon C. Miller Agronomy Scholarship	2024
Agronomy Teaching Fellowship	2024
Oblinger Graduate Travel Scholarship	2023
Agronomy Teaching Fellowship	2023
1 <sup>st</sup> place for poster in the student competition Midwest Cover Crop Council & South Dakota Soil Health Coalition Conference	2023
1 <sup>st</sup> place for poster in the Cover Crop Management session at the ASA, CSSA, SSSA Annual Meeting	2022

### PUBLICATIONS

#### a. Refereed Papers

5. Seraglio, N., **Pessotto, M.**, Weaver, A. & Licht, M. Soybean overcome differences in row spacing and seeding rate to maintain stable yield. – *In-press at Crop, Forage, & Turfgrass Management Journal*
4. Ortel, C., Roberts, T., Purcell, L., Ross, J., Hoegenauer, K., Followell, C. & **Victorio Pessotto, M.** 2024. Interaction of drought stress and potassium deficiency on soybean vigor and leaf temperature. *Agrosystems, Geosciences & Environment*. V.7, e20576. <https://doi.org/10.1002/agg2.20576>
3. **Pessotto, M.V.**, Roberts, T.L., Bertucci, M., dos Santos, C.L., Ross, J. & Savin, M. 2023. Determining Cardinal Temperatures for Eight Cover Crop Species. *Agrosystems, Geosciences & Environment*. V.6, e20393. <https://doi.org/10.1002/agg2.20393>
2. Sartori, F.F.; Engroff, T.D.; Sanches, T.H.G.; Soave, J.M.; **Pessotto, M.V.**; Felisberto, G.; Hilgemberg Jr, V.E.; Borjas Reis, A.F.; Hungria, M.; Nogueira, M.A.; Jaccoud-Filho, D.S.; Andreote, F.D.; Dourado-Neto, D. 2023. Potentially harmful effects of seed treatment and pre-inoculation on soybean biological nitrogen fixation and yield. *European Journal of Agronomy*, v.142. <https://doi.org/10.1016/j.eja.2022.126660>
1. Sartori, F.F.; Ferreira, A.C.; Hertz, C.E.N.; Okamura, E.T.; Felisberto, G.; **Pessotto, M.V.**; Soave, J.M.; Barros, L.P.; Almeida, A.A.P.; Souza, K.M.; Tezotto, T.; Brendler, F.O.; Reichardt, K.; Dourado-Neto, D. 2019. Ethylene Production and Physiological Parameters in Common Bean Plants Under Water Deficit. *Journal of Agricultural Science*, v.11, p.301.

#### b. Extension Publications

38. Annual Ryegrass: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>

37. Balansa Clover: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
36. Barley: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
35. Berseem Clover: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
34. Buckwheat: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
33. Cereal Rye: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
32. Common Vetch: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
31. Cowpea: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
30. Crimson Clover: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
29. Flax: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
28. Forage Sorghum: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
27. Foxtail Millet: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
26. Hairy Vetch: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
25. Japanese Millet: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
24. Kale: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
23. Mung Bean: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
22. Mustard: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
21. Oats: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
20. Pearl Millet: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
19. Proso Millet: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>

18. Radish: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
17. Rapeseed: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
16. Red clover: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
15. Sorghum-Sudangrass: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
14. Sudangrass: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
13. Sunflower: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
12. Sunn Hemp: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
11. Teff: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
10. Triticale: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
9. Turnip: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
8. Wheat: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
7. White Clover: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
6. Winter Camelina: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
5. Winter Pea: Cover Crop Fact Sheet for Iowa. USDA-NRCS, Licht, M., Olson, H., **Pessotto, M.**, Hollingsworth, J. 2024. <https://www.nrcs.usda.gov/resources/tech-tools/iowa-cover-crop-factsheets>
4. Followell, C.A.; Roberts, T.L.; Hoegenauer, K.; Ortel, C.; Smartt, A.; **Pessotto, M.** & Drescher, G.L. 2023. Cotton Biomass Accumulation and Yield in an Irrigated Arkansas Production System. In: N.A. Slaton (eds.). Wayne E. Sabbe Arkansas Soil Fertility Studies 2022. Arkansas Agricultural Experiment Station, University of Arkansas Division of Agriculture, Fayetteville.
3. Ortel, C.C.; Roberts, T.L.; Poncet, A.M.; Hoegenauer, K.A.; **Pessotto, M.V.** & Ross, W.J. 2022. Understanding Spatial Variability of Soybean Leaf Potassium to Establish a Sampling Protocol. In: J.D. Ross (eds.). Arkansas Soybean Research Series 2021. Arkansas Agricultural Experiment Station, University of Arkansas Division of Agriculture, Fayetteville.
2. Ortel, C.C.; Roberts, T.L.; Slaton, N.A.; Ross, W.J.; Purcell, L.C.; Hoegenauer, K.A.; **Pessotto, M.V.** & Followell, C.A. 2022. Corrective In-Season Potassium Application Rates to Arkansas Soybean. In: J.D. Ross (eds.). Arkansas Soybean Research Series 2021. Arkansas Agricultural Experiment Station, University of Arkansas Division of Agriculture, Fayetteville.

1. Followell, C.A.; Hurst, B.D.; **Pessotto, M.**; Hoegenauer, K.; Ortel, C. & Smartt, A. 2022. Biomass Accumulation of Irrigated Modern Cotton Cultivars in an Arkansas Production System. In: N.A. Slaton (eds.). Wayne E. Sabbe Arkansas Soil Fertility Studies 2021. Arkansas Agricultural Experiment Station, University of Arkansas Division of Agriculture, Fayetteville.

## PRESENTATIONS AT PROFESSIONAL MEETINGS

### Presenter

#### a. Oral

**Victorio Pessotto, M.**, McDaniel, M. D., & Licht, M. A. (2024) Understanding “Corn Yield Drag” after Cereal Rye Cover Crop in Iowa. ASA, CSSA, SSSA International Annual Meeting, San Antonio, TX.

**Victorio Pessotto, M.**, Licht, M. A., & McDaniel, M. D. (2024) Can Adjustments to Nitrogen Rates Reduce Corn Yield Drag and Disease Implications Following a Cereal Rye Cover Crop? Iowa Nutrient Research Center Spring 2024 Research Seminar Series, Ames, IA

**Victorio Pessotto, M.**, Larson, A. C., M. Marcos, F., Licht, M. A., & McDaniel, M. D. (2023) Improving Understanding of “Corn Yield Drag” after Cereal Rye Cover Crop by Tracking Soil Net Nitrogen Mineralization across Three Hillslope Positions. ASA, CSSA, SSSA International Annual Meeting, St. Louis, MO.

**Victorio Pessotto, M.**, Roberts, T. L., Ortel, C., & Followell, C. A. (2021) Identifying Cardinal Temperatures for Cover Crop Species Using a Growth Chamber Study. ASA, CSSA, SSSA International Annual Meeting, Salt Lake City, UT.

**Victorio Pessotto, M.**, Roberts, T. L., Ortel, C., & Followell, C. A. (2021) Determining cover crops base and optimum temperatures. Arkansas Crop Protection Conference, Fayetteville, AR.

**Victorio Pessotto, M.**, Roberts, T. L., Hoegenauer, K., & Bolton, D. (2020) Estimating Cover Crop Biomass Using Thermal Days. ASA, CSSA, SSSA International Annual Meetings | VIRTUAL, Phoenix, AZ.

**Victorio Pessotto, M.**, Roberts, T. L., Hoegenauer, K., & Bolton, D. (2020) Estimating Cover Crop Biomass Using Thermal Days. Arkansas Crop Protection Conference. Virtual, Fayetteville, AR.

**Pessotto, M.V.**, Yamada, T., Giorgetti, G. & Dourado-Neto, D. (2015) Efeito do glifosato no desenvolvimento de plantas de algodão RR. 23<sup>o</sup> Simpósio Internacional de Iniciação Científica e Tecnológica da USP (SIICUSP), Piracicaba (Brazil).

#### b. Poster

**Victorio Pessotto, M.**, Licht, M. A., & McDaniel, M. D. (2024) DIY Methods for Farmers to Assess the Soil Health of Their Field [Abstract]. SSSA 2024 Summer Conference, San Juan, PR.

**Victorio Pessotto, M.**, Larson, A., Marcos, F., Biotto, E., Holzhausen, L., Licht, M., & McDaniel, M. (2024) Tracking Soil Net Nitrogen Mineralization to Understand “Corn Yield Drag” After Cereal Rye Cover Crop Across Three Hillslope Positions. MCCC meeting, Indianapolis, IN.

**Victorio Pessotto, M.**, Larson, A. C., Marcos, F.M., Trevisan V., Janke, A. K., & Licht, M. A. (2022) Estimating Cereal Rye (*Secale cereale*) Biomass Accumulation Using Visual Obstruction. MCCC & SD Soil Health Coalition Conference, Sioux Falls, SD. (1<sup>st</sup> place Graduate Student Competition)

**Victorio Pessotto, M.**, Larson, A. C., M. Marcos, F., Janke, A. K., & Licht, M. A. (2022) Estimating Cereal Rye (*Secale cereale*) Biomass Accumulation Using Visual Obstruction. ASA, CSSA, SSSA International Annual Meeting, Baltimore, MD. (1<sup>st</sup> place Graduate Student Competition)

**Victorio Pessotto, M.**, Roberts, T. L., Hoegenauer, K., Followell, C. A., Ortel, C., & Hurst, B. (2021) Estimating Cover Crop Biomass and Nitrogen Uptake Using Thermal Days. ASA, CSSA, SSSA International Annual Meeting, Salt Lake City, UT.

Contributor (as co-author)

Ferandini Vallada Guadagnucci, M., **Victorio Pessotto, M.**, Nelson, J., & McDaniel, M. D. (2024) A New, DIY Method to Measure Maximum Water Holding Capacity in Sensitive to Management Practices [Abstract]. ASA, CSSA, SSSA International Annual Meeting, San Antonio, TX.

<https://scisoc.confex.com/scisoc/2024am/meetingapp.cgi/Paper/161177>

Ortel, C., Roberts, T. L., Hoegenauer, K., Poncet, A. M., **Victorio Pessotto, M.**, Followell, C. A., Smartt, A. D., & Drescher, G. L. (2022) Mapping in-Field Variability in Soybean Leaf Potassium Concentrations to Develop a Leaf Sampling Protocol [Abstract]. ASA, CSSA, SSSA International Annual Meeting, Baltimore, MD.

<https://scisoc.confex.com/scisoc/2022am/meetingapp.cgi/Paper/145360>

Ortel, C., Roberts, T. L., Slaton, N. A., Ross, W. J., Purcell, L. C., Hurst, B., Hoegenauer, K., **Victorio Pessotto, M.**, Followell, C. A., & Smartt, A. (2021) In-Season Potassium Management in Soybean: Balancing Economics and Yield Maximization [Abstract]. ASA, CSSA, SSSA International Annual Meeting, Salt Lake City, UT.

<https://scisoc.confex.com/scisoc/2021am/meetingapp.cgi/Paper/137853>

Followell, C. A., Roberts, T. L., Hurst, B., **Victorio Pessotto, M.**, Hoegenauer, K., Ortel, C., & Smartt, A. (2021) Nutrient Uptake and Accumulation in Furrow-Irrigated Modern Cotton Varieties [Abstract]. ASA, CSSA, SSSA International Annual Meeting, Salt Lake City, UT.

<https://scisoc.confex.com/scisoc/2021am/meetingapp.cgi/Paper/137846>

Followell, C. A., Roberts, T. L., Hurst, B., **Victorio Pessotto, M.**, Hoegenauer, K., Ortel, C., & Smartt, A. (2021) Nutrient uptake and accumulation in furrow-irrigated cotton varieties in eastern Arkansas. Arkansas Crop Protection Conference. Fayetteville, AR.

Ortel, C., Roberts, T. L., Slaton, N. A., Ross, W. J., Purcell, L. C., Hoegenauer, K., **Victorio Pessotto, M.**, Followell, C. A., & Smartt, A. (2021) Monitoring and correcting potassium hidden hunger in Arkansas soybean. Arkansas Crop Protection Conference. Fayetteville, AR.

Engroff, T.D., Sartori, F.F, Sanches, T.H.G., **Pessotto, M.V.**, Soave, J.M., Pereira, I.S., Schwerz, F., Nascimento, V.M.T., Santos, G.F.M., Miranda, H.L., Souza, J.B. & Dourado-Neto, D. (2018) Alteração de fatores associados à fixação biológica de nitrogênio na soja em função do tratamento de sementes. VIII Congresso brasileiro de soja, Goiania (Brazil).

Soave, J.M., Godoy, T.H., **Pessotto, M.V.** & Dourado-Neto, D. (2018) Influência do armazenamento de sementes tratadas com diferentes fungicidas na fixação biológica de nitrogênio na soja. 26º Simpósio Internacional de Iniciação Científica e Tecnológica da USP (SICUSP), Piracicaba (Brazil).

## PROPOSALS

INRC 2024. How much SAR is responsible for yield decrease in a cover crop - crop production system, and which species could be inserted to improve this system – Not funded

SARE-NC Graduate Student Grant 2023. Beyond Cereal Rye: Expanding Iowa's Cover Crop Options – Not Funded

SARE 2022. Defining spatial cover crop management zone with UAV overseeding. – Not Funded

## PROFESSIONAL DEVELOPMENT

Preparing Future Faculty (ISU)

Spring 2024

Project LEA/RN weekly meetings (ISU)

2023-2024(AY)

Project LEA/RN workshop (ISU)	<b>Aug. 2023</b>
<b>SERVICE &amp; LEADERSHIP</b>	
<u>Professional</u>	
Member of Mid-west Cover Crop Council Graduate Student Committee	<b>2022-present</b>
Moderator of the Midwest Cover Crop Council meeting graduate student session	<b>Jan. 2023</b>
Moderator of the Midwest Cover Crop Council meeting graduate student session	<b>Feb. 2024</b>
<u>Iowa State University</u>	
Treasurer of the Agronomy Graduate Student Club	<b>2024</b>
Senator for Graduate and Professional Student Senate	<b>2023-2024(AY)</b>
<u>University of Arkansas</u>	
Treasurer of the Crop, Soil, and Environmental Sciences Graduate Student Club	<b>2021-2022(AY)</b>
Crops representative of the CSES Graduate Student Club	<b>2020-2021(AY)</b>
<b>PROFESSIONAL AFFILIATIONS</b>	
Member, Agronomy Society of America	<b>since 2020</b>
Member, Soil Science Society of America	<b>since 2020</b>
Member, Crop Science Society of America	<b>since 2020</b>
<b>LANGUAGES</b>	
Portuguese – Native	
English – Fluent	
Spanish – Intermediate	