

Haley H. Oser

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Education

01/2012-Present	University of Nebraska- Lincoln	Doctor of Plant Health Program College of Agricultural Sciences and Natural Resources
08/2002-04/2010	Metropolitan State University of Denver	Bachelor of Science Biology/Botanical Sciences Major Chemistry Minor

Professional / Academic Experience

05/2013-Present **Plant Pathology Extension Department: *Research Technologist***
University of Nebraska- Lincoln
Conducted industry chemical trials, in a greenhouse setting, to determine the effect of various fungicides on fungal pathogens in corn and soybeans. These projects involved the isolation of pathogens and the culturing of them to establish large enough colonies to produce inoculum for trial. The plants were grown, treated with chemicals and inoculated with the pathogen to determine the efficacy of the chemical.

08/2012-05/2013 **Plant Pathology Extension Department: *Research Technologist***
University of Nebraska- Lincoln
Organized and conducted various industry field research trials for soybean disease management. Studies included identifying sites infested with soybean cyst nematode and testing the efficacy of resistant soybean varieties. Our lab also executed projects that involved foliar fungal diseases and the effects of variable fungicide treatments. Statistically analyzed data and wrote reports. Hosted Soybean Management Field Days that provided continuing education for soybean producers.

05/2012-08/2012 **Plant Pathology Extension Department: *Intern***
University of Nebraska- Lincoln
Responsible for conducting field research trials that compared chemical treatments for Goss's Bacterial Wilt as well as identifying different corn varieties that exhibit resistance to the disease.

01/2010-05/2010 **Microbiology of Nitrifying Bacteria Research Laboratory: *Research Assistant***
Metropolitan State University of Denver, Biology Department
Responsible for providing technical support in all aspects of the research project, including experimental design and development, maintaining isolate cultures, DNA extraction, PCR, and electroporation cloning techniques.

08/2010-12/2010 **Plant Anatomy and Morphology: *Teachers Assistant***
Metropolitan State University of Denver, Biology Department
Assisted in conducting laboratory sessions as well as provided additional academic support to the professor and undergraduate students.

Publications

Oser, H, T Jackson-Zeims, J Brungardt. 2012. Foliar treatment timing trials for management of Goss's bacterial wilt and blight of field corn in Nebraska. Plant Disease management Report (PDMR). American Phytopathological Society.

Extension Publications

Oser, H, L Giesler, M Carson. 2012. Effect of foliar fungicides and insecticides on soybean disease severity and yield in Nebraska, 2012.Soybean Management Report. Soybean Management Field Days.

Oser, H, L Giesler, M Carson. 2012. Effect of fungicide and insecticide seed treatments on soybean stand and yield in Nebraska, 2012.Soybean Management Report. Soybean Management Field Days.

Professional Presentations

05/2010 Metropolitan State University of Denver Annual Science Research Exhibition.
Microbiology of Nitrifying Bacteria Research Laboratory: Poster Presentation.

Continuing Education / Professional Improvement

Conferences

05/2010 American Society of Microbiology
04/2012 Integrated Pest Management
01/2014 Soybean Leadership College
01/2014 Farmer Leader Issues Seminar

Specialized Experience or Training

- Test plot layout, randomization and experimental design, chemical rate conversions and measurements for small plot trials.
- Backpack spraying applications. Treatment efficacy ratings.
- Operate field research equipment including tractors, planters, and sprayers.
- Competent at Excel, Microsoft Word, ARM, Sigma Plot.
- Laboratory clean isolation and culturing techniques, both fungal and bacterial.

Fellowship / Awards

2012 Curtis Fellowship (\$20,000) Doctor of Plant Health Program
2014 Soybean Leadership College – received full sponsorship
2014 Nebraska Corn and Soy Collegiate Mentoring Program – received full sponsorship

Organizations and Activities

2014 Nebraska Corn and Soy Collegiate Mentoring Program – *Collegiate Mentor*
2012-Present Doctor of Plant Health Club: *Treasurer and Vice President*
Entomology Bruner Club: *Member*
American Phytopathological Society (APS): *Member*
2013-Present Slow Food USA: *Member*
American Society of Agronomy (ASA): *Member*
Crop Science Society of America (CSSA): *Member*
Soil Science Society of America (SSSA): *Member*
2013-Present American Homebrews Association: *Member*

Employment History

04/2006-12/2012 **Senior Guest Relations Professional (Bartender)**
Brown Palace Hotel and Spa: Churchill Lounge
Primary objective was to establish and build relationships with regular clientele as well as transient hotel guests. The Brown Palace is a Five Star hotel establishment and caters to many high profile guests. It was my responsibility to ensure that all guests have a pleasurable visit while maintaining their anonymity.

Employment History (continued)

- 10/2002-06/2006 **Training Manager and Lead Service Specialist (Bartender)**
Jillian's Entertainment
Primary occupation was to ensure that the wait and bar staff were properly trained, maintain liquor inventory, manage staffing and payroll, and maintain profit margins. Additional responsibilities included guest relations, providing quality products, and ensuring a pleasurable visit.
- 2001-2003 **Chiropractic Assistant (Office Manager)**
Pinnacle D.C. - Action Chiropractic and Iselin Chiropractic
Educated patients on chiropractic care and reinforced health plans prescribed by the doctors. Established relationships with medical doctors and attorneys to achieve a referral network and increase patient base. Achieved a level of proficiency that allowed the practice to run smoothly and provide exemplary care for the patients. Managed all billing and collection responsibilities, conducted payroll, and determined fiscal expenditures to improve the practice.
- 1999-2001 **District Manager**
Mr. Rags
Orchestrated all of the operations of the five Denver area stores. Ensured the district maintained a progressive percentage increase over the previous year's budget. I was responsible for identifying, screening, hiring, and the developmental training of the area's store managers and their staff. Instructed and reinforced their ability to operate their stores with confidence and competency. Worked on loss prevention techniques and coordinated consistency throughout the district.
- 1997-1999 **Regional Trainer**
Mr. Rags
Participated directly in the development of the district's managers, establishing and improving their ability to operate their businesses and maximize sales. I hired and trained all sales associates. Together we worked on increasing their ability to communicate and establish relationships with customers to achieve return business.