

## Ali Loker

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### Education

#### University of Nebraska-Lincoln

Doctor of Plant Health (2019-present)

- William J. Curtis Fellowship (2019)

#### University of Wisconsin-Madison

Bachelor of Science, Community and Environmental Sociology, Certificate in Global Health (2008 - 2012)

- Received Harvey M. Meyerhoff Undergraduate Excellence Award for Leadership, Service and Scholarship (2012)

Additional relevant post-undergraduate coursework: Introductory Horticulture (Texas Tech University), Sustainable Business Management (UW System)

### Publications

Baker, B. P., Green, T. A., & Loker, A. J. (2020). Biological control and integrated pest management in organic and conventional systems. *Biological Control*, 140, 104095. <https://doi.org/10.1016/j.biocontrol.2019.104095>

Morales, A., & Loker, A. (2014). Welcome to the Club! *Rural Cooperatives*, 81(1), 24-28.  
[https://www.rd.usda.gov/files/RDCoopMagJan\\_Feb2014.pdf](https://www.rd.usda.gov/files/RDCoopMagJan_Feb2014.pdf)

### Research Experience

#### University of Nebraska-Lincoln (Lincoln, NE)

Variety Trials Research Coordinator

December 2019 – Present

- Recruit farmer participants, establish and manage research plots, collect disease resistance and yield data, analyze data and contribute to manuscript for publication

#### UW Dept. of Entomology (Madison, WI)

Field and Lab Assistant

July 2011 - May 2012

Field and lab assistant for research on sustainable pest management

- Field and greenhouse support: harvested alfalfa, scouted for pests of soybeans and alfalfa, maintained greenhouse colonies of leafhoppers and alfalfa
- Lab support: processed alfalfa samples, identifying insect pests

### Teaching Experience

#### University of Nebraska-Lincoln (Lincoln, NE)

Teaching Assistant—Agroecology

January 2020-present

- Provide written feedback to students, support quiz development

### Sustainability Experience

#### IPM Institute of North America (Madison, WI)

Project Manager

January 2018 - July 2019

- Drove project development, operation, evaluation and strategic planning processes to increase adoption of sustainable practices across diverse agricultural supply chains

Coordinator

October 2016 - December 2017

- Coordinated three sustainable agriculture projects, including a national working group and supply chain programs for two national food retailers

### **Community Crops** (Lincoln, Nebraska)

Farm AmeriCorps Member

November 2014 - August 2015

- Provided on-farm technical assistance for beginning farmers
- Coordinated educational workshops about urban homesteading topics
- Developed educational materials for consumers at farmers markets

### **Agricultural Experience**

#### **Blue Moon Community Farm** (Stoughton, WI)

Crew Member

May - October 2016

- Performed daily farming tasks such as planting, weeding, harvesting, cleaning and packing organic produce and cared for livestock (chickens, turkeys, and pigs).

#### **The Stone Creek Farmstead** (Divide, CO)

Intern

February - October 2013

- Provided goat husbandry, basic veterinary procedures, kidding, daily care
- Processed and handled raw milk, pasteurized, made a variety of artisan goat cheeses, and other goat milk products

#### **JenEhr Family Farm** (Sun Prairie, WI)

Crew Member

May 2010 - September 2012

- Performed daily farming tasks such as planting, weeding, harvesting, cleaning and packing organic produce.
- Worked at CSA pick up site at farm and weekly market stand

### **Volunteer Experience**

#### **Council for Resilience Education** (University of Nebraska-Lincoln)

February 2019-present

- Collaborate with other students to develop online and classroom educational materials about ecological resilience concepts

#### **Slow Food Madison** (Madison, WI)

Co-Chair

October 2015 - July 2019

- Co-lead recruitment and development to reestablish board of directors
- Participated in community, regional, and national events as a local food movement leader
- Coordinated weekly community meal at a local community center, serving 40-70 people per week