

JESSICA BOWER

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Education:

Master's in Applied Science Part-time August 2017-May 2019	University of Nebraska, Lincoln	Lincoln, NE
Single Subject Credential Program Full Time August 2013-May 2014	California State University, Fresno	Fresno, CA
Bachelor of Science, Ag. Ed. Teacher Prep. Full Time August 2009-May 2013	California State University, Fresno	Fresno, CA
Standard Teaching Certificate – Agriculture 6-12, Nebraska Teaching Credential		
Professional Clear Single Subject: Agriculture, California Teaching Credential		
Professional Clear Specialist Instruction: Agriculture, California Teaching Credential		

Relevant Coursework:

Agricultural Economics, Business Applications, Agricultural Communications, Introduction to Animal Science, Animals and Society, Agricultural Internship, Meats Evaluation, Livestock Marketing and Show Management, Production, Agricultural Tractors, Intro to Agricultural Mechanics, Metallurgy Process, Power Transmissions, Diesel Power Systems, Advanced Small Gas and Diesel Engines, Advanced Farm Machinery, Hydraulic Controls, Livestock Marketing and Dairy Evaluation and CASE (Curriculum for Agricultural Science Education) Certification for Principles of Agricultural Science- Plant.

Professional Experience:

California State University, Fresno	Fresno, CA	08/2019-Present
Job Title: Department of Animal Science and Agricultural Education Lecturer		
Accomplishments:		
<ul style="list-style-type: none">• Postsecondary Teaching Experience<ul style="list-style-type: none">○ ASCI 1 Introduction to Animal Science○ AGRI 281 Problems in Agricultural Education○ EHD 155B Student Teaching in Secondary School – Agricultural• Assist with Red Wave Sale and Show		
Friend Public School	Friend, NE	08/2018-07/2019
Job Title: Agricultural Instructor and FFA Advisor		
Accomplishments:		
<ul style="list-style-type: none">• Developed curriculum and taught courses in Junior High School and High School Agriculture, Introduction to Agricultural Science, Animal Science, and Veterinary Science• Joined two FFA chapters, Friend and Exeter-Milligan• Advised student work experience and various agricultural enterprise projects.• Coached Career Development Events in Agronomy, Meats Evaluation, Floriculture, Nursery and Landscape, Land Judging, Creed Speaking, Junior High Quiz Bowl, Livestock Evaluation, Poultry Evaluation, Food Science, Veterinary Science, Natural Resources Public Speaking, Junior Public Speaking, and Senior Public Speaking.• Proposed and submitted grants on behalf of the EMF FFA and Friend Public School and Exeter-Milligan Public School		
Sutton Public School	Sutton, NE	06/2014-07/2018
Job Title: Agricultural Instructor and FFA Advisor		
Accomplishments:		
<ul style="list-style-type: none">• Developed curriculum and taught courses in Junior High School and High School Agriculture, Introduction to Agricultural Science, Animal Science, Veterinary Science, Plant Science, Horticulture, Basic Welding, Metals and Fabrication, Agriculture Business, and Career Preparation/Job Skills.• Advised student work experience and various agricultural enterprise projects.• Managed the School Greenhouse and Plant Sales		

- Coached Career Development Events in Agronomy, Meats Evaluation, Floriculture, Nursery and Landscape, Land Judging, Creed Speaking, Junior High Quiz Bowl, Livestock Evaluation, Food Science, Welding, Natural Resources Public Speaking, Junior Public Speaking, Senior Public Speaking, and Veterinary Science.
- Proposed and submitted grants on behalf of the Sutton FFA and Sutton Public Schools
- Participated in and/or lead several committees

Hilmar Unified Ag. Department **Hilmar, CA** **01/2014-06/2014**

Job Title: Final Student Teacher - Hilmar Unified School District

Taught Courses in: Agriculture Earth Science, Welding, Introduction to Agriculture Mechanics

Coached State Winning Farm Power Team

McFarlane-Coffman Agriculture Center **Clovis, CA** **08/2013-12/2013**

Job Title: Initial Student Teacher - Clovis East High School

Taught Courses in: Introduction to Agriculture, Exploratory Agricultural Science 7-8th Grade,

Agricultural Mechanics and Engineering 1

California State University, Fresno - Sheep Unit **Fresno, CA** **08/2009-05/2013**

Job Title: Student Manager

Accomplishments:

- Nutrition distribution, lamb management and administration of vaccine
- Day-to-day flock health and management tasks
- Breeding program including selection and ewe care

California State University, Fresno - Gibson Farm Market **Fresno, CA** **03/2012-08/2012**

Job Title: Interim Manager

Accomplishments:

- Employee scheduling, news and media coverage, community networking
- Deposits, authorizations, credit card payments, and product management
- Inventory, computer/register receipts, stocking the store, and product evaluation
- Assisted in planning for the new Farm Market to be built in 2013
- Hired, managed student tasks, and delegated various duties

California State University, Fresno - Agricultural Operations **Fresno, CA** **05/2010-05/2012**

Job Title: Student Assistant

Accomplishments:

- Performed front office management and accounting duties
- Facilitated the upkeep of state blanket purchase orders and vendor invoices for Farm Maintenance team and Farm Machinery Center
- Ordered alterations, process incoming maintenance and repair work orders, and assisted with equipment and vehicle check out logs
- Generated fuel tax reports and equipment use and fuel chargebacks
- Maintained administrative calendars, schedules, and communicated and corresponded with other faculty and staff on campus as needed

California State University, Fresno - Gibson Farm Market **Fresno, CA** **06/2011-08/2011**

Job Title: Student Manager- Internship

Accomplishments:

- Employee scheduling, news and media coverage, community networking
- Deposits, authorizations, credit card payments, and product management
- Computer/register receipts, stocking the store, and product evaluation

Professional Development:

- Friend Public Schools New Teacher Program (2018-2019)
- Nebraska Agricultural Education Fall Symposium Session Presenter (2018)
- Nebraska Agricultural Education Fall Symposium (2015, 2017, 2018)
- Association for Career and Technical Education (ACTEN) and National Association of Agricultural Education (NAAE) Conference, Nashville, TN (2017)
- Nebraska Educational Technology Association Spring Conference (2015, 2017)

- Curriculum for Agricultural Science Education Certification for Principles of Agricultural Science- Plant (2017)
- Nebraska Career Education Conference (2014, 2015, 2017)
- Sutton Public Schools New Teacher Program Mentor (2016-2017)
- Sutton Public Schools New Teacher Program (2014-2016)
- California Agriculture Teachers Association Conference (2014)
- North American Meat Association Expo (2013)
- Reciprocal Meats Conference (2012)
- California Association of Meat Processors Convention (2012)
- California Cattlemen's Association Conference, Reno NV (2011)

Leadership Activities/Professional Organizations and Affiliations

- Nebraska FFA Alumni Association - Secondary Ag Ed. Inst. Representative (2017-2019)
- EMF FFA Ag. Boosters Member (2018-2019)
- Nebraska Farm Bureau Foundation Member (2015-2019)
- Nebraska Agricultural Educators Association (2014-2019)
- National Association of Agricultural Educators (2014-2019)
- Association for Career and Technical Education (2014-2019)
- Nebraska State Education Association (2014-2019)
- Sutton FFA Alumni Chapter Member (2014-2018)
- Nebraska FFA District 6 Proficiency Judge (2015, 2016, 2017, 2018)
- Nebraska Agricultural Education Beginning Teacher Program (2014-2015)
- Nebraska FFA State Proficiency Judge (2015)
- CSUF Meat Science Club- Secretary (2011-2013)
- CSUF Ag. Mechanics Field Day Chairman (2012, 2013)
- CSUF Red Wave Sale- Sheep Chairman (2010, 2011, 2012, 2013)
- CSUF Red Wave Classic Show- Sheep Chairman (2010, 2011, 2012, 2013)
- CSUF Young Cattlemen's Member (2010, 2011, 2012, 2013)
- CSUF Poultry Society Member (2011-2012)
- CSUF Ag Boosters BBQ- Solicited Donations, Managed Social Hour Food (2010-2011)
- CSU Fresno AG Business Club -Public Relations Coordinator (2010)

Grants Submitted and Funded to Date:

- Nebraska Investment Finance Authority Governor's Agricultural Excellence Award \$2500- Drone (2018)
- Friend Education Foundation Grant \$500 Outside Classroom Beautification Project (2018)
- Friend Education Foundation Grant \$500 Professional Development Expenses (2018)
- Flint Hills Resources Grant \$1000 (2018)
- FFA living to Serve Grant- \$400 towards Community Service Project (2018)
- SEF Grant \$2377.43- Two Tower Gardens (2017)
- Nebraska Investment Finance Authority Governor's Agricultural Excellence Award \$2500- Drone (2017)
- Nebraska Farm Bureau Teacher of the Year \$1000- Classroom Supplies for Plant Science
- CASE Training and Supplies (2017)
 - Partners for Innovation \$1000
 - Dupont Pioneer \$1000
 - Soybean Board \$1375
- reVision Grant Co-Writer \$26,500.55 for Agricultural Education (2017)
 - CASE: Plant- The Principles of Agricultural Lab-Aids Material Set
 - Student Edition Giant Flower Dicot Model
 - Tower Garden
 - CASE: Animal- The Principles of Agricultural Lab-Aids Material Set
 - Rumens Model
 - RealCareer® Welding Defects Classroom Kit
 - Electrical Circuit Board
 - Lonestar Spitfire 4x4 with Powermax 65

- Farm Credit Services of America Grant \$2000 (2017)
 - LabQuest2 Interfaces, CO2 Gas Sensors, Soil Moisture Sensor, Conductivity Sensor, pH Sensor, Temperature Sensors
- Flint Hills Resources Grant \$1528.28 (2016)
- Nebraska FFA Alumni Chapter Award \$1000- Tool Set for Shop (2015)

Achievements:

- Nebraska's Teacher Turn the Key Award Recipient (2017)
- Nebraska Farm Bureau Foundation Agriculture Teacher and FFA Advisor of the Year Award (2017)
- Sutton Public Schools Starfish Award (2016)

Committee Participation:

- Exeter-Milligan Public Schools Continuous School Improvement- Wellness Committee Member (2018-2019)
- Nebraska FFA- District 5 Discovery Speaking Event Committee Chair (2018-2019)
- Nebraska FFA Alumni and Supporter Council State Conference Committee Chair (2017-2019)
- Nebraska FFA State Poultry Career Development Event Committee Chair (2017-2018)
- Nebraska FFA- District 6 Welding Career Development Event Committee Chair (2015-2018)
- Sutton Public Schools Continuous School Improvement- School Climate Committee Member (2014-2018)
- Nebraska FFA State Welding Career Development Event Committee Member (2017-2018)
- Nebraska FFA- District 6 Extemporaneous Speaking Leadership Development Event Committee Co-Chair (2014-2017) Chair (2018-Present)
- Continuous School Improvement- School Climate Committee Co-Chair (2014-2015, 2015-2016)
- Nebraska FFA State Floriculture Committee Member (2015-2016)
- Nebraska FFA- District 6 Agri-Science Career Development Event Committee Chair (2014-2015)