

DR. HALEY NICOLE ROSSON

Assistant Professor

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PROFESSIONAL AND ACADEMIC EXPERIENCE

August 2016 - May 2018, Graduate Teaching Associate

*Department of Agricultural Education, Communications, and Leadership
Oklahoma State University, Stillwater, OK*

- Teach undergraduate section of AGLE 2303 Agricultural Leaders in Society (formerly Personal Leadership Development)
- Develop and prepare undergraduate section of AGLE 3503 Introduction to Cooperative Extension
- Serve as a teaching assistant for undergraduate sections of AGLE 2403 Agricultural Leadership in a Multicultural Society, AGLE 4300 Agricultural Leadership Internship, and AGLE 1511 Introduction to Agricultural Leadership
- Assist Drs. Bill and Penny Weeks with facilitation of USDA-NIFA grant

November 2013 - August 2016, Agriculture/4-H/Interim CED Extension Educator

*Oklahoma Cooperative Extension Service
Oklahoma State University – Logan County, Guthrie, OK*

- .50 FTE Agriculture/.50 FTE 4-H and Youth Development Extension appointment
- County Extension Director from July, 2015 to August, 2016
- Shared responsibility with the Family and Consumer Science Extension Educator for the 4-H/Youth Development and Rural Development programs in Logan County
- Responsible for planning, conducting, and evaluating educational program efforts for the areas of Agriculture and 4-H/Youth Development
- Disseminated timely, research-based information to the public regarding agricultural and 4-H topics in the form of monthly newsletters, newspaper articles, impact statements, websites, etc.
- Prepared and interpreted soil, water, and forage samples for local producers
- Provided customer consultation and research-based information regarding various agricultural and horticultural topics
- Oversaw the county's 4-H Shooting Sports program

August 2013 - November 2013, Administrative Assistant II

*Department of Animal Science
Oklahoma State University, Stillwater, OK*

- Assisted faculty with purchasing card orders, travel requests, and maintenance of grant accounts
- Coordinated the logistics of prospective student visits to the Animal Science Department
- Facilitated student traffic in the Food Science faculty office

August 2011 - May 2013, Graduate Research Assistant

Department of Agricultural Education and Communications

Texas Tech University, Lubbock, TX

- Performed research in the area of international agricultural education, with a primary interest in agricultural leadership and education, under the direction of Dr. Todd Brashears
- Conducted research related to experiential learning and multimedia usage in the classroom
- Collaborated with fellow Master's students and Ph.D. students on various research projects and papers
- Facilitated an agricultural leadership internship course for undergraduate students for two years, with class sizes ranging from 5-15 students

February 2009 - August 2011, Biological Science Aid

United States Department of Agriculture – Agricultural Research Service

Cotton Production and Processing Research Unit, Lubbock, TX

- Assisted with research in the Air Quality Laboratory, under the direction of Dr. Mike Buser
- Weighed high and low volume particulate samples for data analysis, as part of a research study on the air quality of cotton gins
- Ran specialized equipment to analyze particulate samples from various cotton gins across the country
- Assisted with gin cyclone research tests and cotton fractionation tests
- Oversaw several high school student workers in the lab during the summers

GRANT ACTIVITIES

Funded Projects

1. 2017 National Rifle Association (NRA) Foundation, Inc. Grant: *Logan County 4-H Shooting Sports Program Equipment Proposal* (\$2,177.10), Project Director
2. 2016 National Rifle Association (NRA) Foundation, Inc. Grant: *Logan County 4-H Shooting Sports Program Equipment Proposal* (\$4,096.18), Project Director.
3. 2015 Oklahoma Tourism and Recreation Department – Recreational Trails Program Grant: *Oklahoma 4-H ATV Training Facility and Trails Proposal* (\$350,000). Project member.
4. 2015 National Rifle Association (NRA) Foundation, Inc. Grant: *Logan County 4-H Shooting Sports Program Equipment Proposal* (\$6,162.96), Project Director.

5. 2015 Oklahoma 4-H Enhancement Grant: *Request for LEGO EV3 Robotics Kit* (\$500), Project Director.
6. 2014 -2015 Community Nutrition Education Programs (CNEP) Health and Hunger Grant: *Enhancing Guthrie Community Garden* (\$2,500), Co-Project Director.
7. 2014 National Rifle Association (NRA) Foundation, Inc. Grant: *Logan County 4-H Shooting Sports Program Equipment Proposal* (\$8,588.10), Project Director.

Project Proposals Not Funded

1. 2017 Southeast Center for Agricultural Health and Injury Prevention – Safety Outreach Funding Opportunity: *ATV Safety Training Facility – Funding for Educational Programming* (\$3,745), Principal Author.

PUBLICATIONS AND PROFESSIONAL PRESENTATIONS

Peer Reviewed Publications

1. **Rosson, H.**, & Pennington Weeks, P. (2017). “I am different, not less”: *Temple Grandin* and strengths-based leadership education. *Journal of Leadership Education*, 17(3), 231-240. doi: 10.12806/V17/I3/A4
2. **Porter, H.** & Wimmer, G. (2012). A winning strategy: Using *Glory Road* to illustrate the stages of group development. *Journal of Leadership Education*, 11(2), 247-256.
3. Wimmer, G., Meyers, C., **Porter, H.**, & Shaw, M. (2012). Learning vicariously: Students’ reflections of the leadership lessons portrayed in *The Office*. *Journal of Leadership Education*, 11(2), 52-71.
4. **Porter, H.**, Brashears, M.T., Brashears, M.M., Irlbeck, E., Newsome, S., Winterholler-Trojan, S., Echeverry, A., McKenney, C., & Loneragan, S. (2013). Determining the problems, impacts, and potential solutions for the agricultural industry of Belize: A needs assessment. In B. Seevers (Ed.), *Proceedings of 29th Annual AIAEE Conference Professional Paper Presentation Abstracts*, *Journal of International Agricultural and Extension Education*, 20(2), 122-124.

Peer Reviewed Conference Presentations

1. **Porter, H.**, & Pennington Weeks, P. (2017). “*I am different, not less*”: *Temple Grandin and strengths-based leadership*. Paper presented at the 2017 Association of Leadership Educators Annual Conference, Charleston, SC.
2. **Porter, H.**, Brashears, T., Brashears, M., Irlbeck, E., Newsome, S., Winterholler-Trojan, S., Echeverry, A., McKenney, C. & Loneragan, S. (2013, May). *Determining the problems, impacts, and potential solutions for the agricultural industry of Belize: Needs*

assessment. Paper presented at the 29th Annual Conference of the Association for International Agricultural and Extension Education, Fort Worth, TX.

3. **Porter, H.** (2012, July). *A winning strategy: Using "Glory Road" to illustrate the stages of group development*. Paper presented at the 2012 Association of Leadership Educators Annual Conference, Key West, FL.
4. **Porter, H. & Wimmer, G.** (2012). *From couch to classroom: Exploring college students' television uses and gratifications*. Paper accepted to the 2012 American Association for Agricultural Education National Conference, Asheville, NC.

Peer Reviewed Poster Presentations

1. **Rosson, H., Weeks, P. P.** (2018, February). *Illustrating Strengths-Based Leadership Through the Lens of Temple Grandin.* ' Poster presented at the annual American Association for Agricultural Education Southern Region Conference, Jacksonville, FL.
2. **Porter, H.** (2012, April). *From couch to classroom: Exploring college students' television uses and gratifications*. Poster presented at the 11th Annual Graduate Research Poster Competition, Texas Tech University, Lubbock, TX.

Master's Thesis

1. **Porter, H.** (2013). *A multi-faceted needs assessment of the Belizean agricultural industry*. Unpublished master's thesis, Texas Tech University, Lubbock, TX.

Doctoral Dissertation

1. Rosson, H. (2018). *An examination of two differing experiential approaches to all-terrain vehicle (ATV) safety trainings among youth in Oklahoma*. Unpublished doctoral dissertation, Oklahoma State University, Stillwater, OK.

External Evaluation Report

1. **Rosson, H.** (2018). *Evaluation report: Oklahoma's baccalaureate degree in agricultural leadership – A state-wide partnership to support degree completion in the food and agricultural sciences*. Unpublished report.

TEACHING EXPERIENCE

Courses Taught/Co-Taught: Oklahoma State University

- *AGLE 2303 – Agricultural Leaders in Society* (formerly *Personal Leadership Development*). Lead instructor – Spring, 2017 and Fall, 2017. Teaching assistant – Fall, 2016. Analysis of agricultural leaders and societal impacts. Theories of authentic leadership and values-based leadership. Organizational, community, and workforce changes including diversity, technology, and globalization and the relationship to leader behavior.
- *AGLE 3503 – Introduction to Cooperative Extension*. Lead instructor – Spring, 2018. Cooperative Extension mission, philosophy, history, organization, structure,

administration, and program areas. Extension program development, Extension teaching and delivery methods, and the involvement and use of volunteers.

- *AGLE 1511 – Introduction to Agricultural Leadership*. Co-instructor – Fall, 2017. Introduction to the concept of leadership as a field of study. Emphasis placed on the application of acquired knowledge to practical problems.
- *AGLE 2403 – Agricultural Leadership in a Multicultural Society*. Teaching assistant – Summer, 2017. The study of leadership as it relates to a multicultural society. Cultural changes in the agricultural workplace and future impact on the industry. Personal barriers to fulfilling leadership roles in the agricultural sciences and natural resources. Skills related to managing teams in a diverse workplace specifically related to differences in gender, race and ethnicity.
- *AGLE 4203 – Professional Development in Agriculture* – Teaching assistant – Spring, 2018. Preparation of professionals in agricultural business and industry and related areas who have career goals directed toward service, leadership, management, communications, production, processing, marketing, and education outside the public school setting. Development of professionalism through relationship building, networking, interviews, community involvement, business correspondence, websites and the resume.
- *AGLE 4300 – Agricultural Leadership Internship*. Teaching assistant – Summer, 2017. Supervised full-time internships in approved agribusinesses, governmental agencies or county extension offices. Requires written reports and a final presentation. Offered for variable credit, 3-6 credit hours, maximum of 6 credit hours.

Courses Taught and/or Facilitated: Oklahoma Cooperative Extension Service

- *Oklahoma Master Gardener Program*. Fall, 2014 and Fall, 2015. 12-week course. Course topics included basic botany, soils and composting, plant propagation, landscape design, plant disease, herbaceous ornamentals, entomology, turf and weed, vegetables, woody ornamentals, fruits and nuts, and pesticide safety and integrated pest management.
- *Annie's Project – Risk Management Education for Women in Agriculture*. Spring, 2015 and Spring, 2016. 6-week course. Course topics included human or personal risk, legal risk, farm accounting and planning, production and market risk, and financial risk.

Workshops Taught/Co-Taught: Oklahoma Cooperative Extension Service

- *Pesticide Applicator Renewal Workshop*
- *“Gearing Up for Spring” Horticulture Training*. Topics included water conservation, soil health, the basics of beekeeping, and integrated pest management.
- *County 4-H Volunteer Leader Training – What Shoe are You?*
- *County 4-H Volunteer Leader Training – Working with Minors*
- *4-H Mini Roundup – Exploring 4-H Projects*. Topics included: leathercraft, entomology, photography, shooting sports, scrapbooking, and robotics.
- *4-H Mini Roundup – Global Explorer*. Topics included exploration of the culture and traditions of Ireland, Italy, Louisiana, Mexico, the Caribbean, and Hawaii.
- *4-H Mini Roundup – Etiquette School*. Topics included first impressions, job readiness, writing thank-you notes, table setting, restaurant etiquette, and social media/cell phone etiquette.

- *4-H Mini Roundup – Animal Science* – Topics included animal science trivia, rabbits, horses, sheep, companion animals, the role that beef plays in our food system, and animal science career exploration.
- *4-H Mini Roundup – Fair Projects*. Topics included how to prepare exhibits for the County and State Fairs.
- *Logan County 4-H Officers Training*. Topics included the role of each 4-H officer and the basics of parliamentary procedure.
- *Junior 4-H Camp – Animal Science Workshop*. Topics included a variety of animal science trivia games.
- *4-H Mini Roundup – Science Experiments*. Topics included “Nails for Breakfast” and “The Carbon Cycle.”
- *4-H Mini Roundup – 4-H Discovery*. Topics included soil science, various arts and crafts projects, and cookie decorating.
- *4-H LEGO Robotics workshops*
- *State 4-H Roundup – Toybox Leadership*. Taught workshop on “Toybox Leadership” at 2015 State 4-H Roundup.
- *Xeriscaping: Not Just for the Desert!* Topics included an overview of xeriscaping, why xeriscaping is necessary, misconceptions, and the basic fundamentals of xeriscaping.
- *Oklahoma Proven Landscaping*. Topics included an overview of the Oklahoma Proven program, basic landscape design concepts, Oklahoma Proven plant selections, and drought tolerant plant selections.

Courses Taught: Texas Tech University

- *AGED 4309 – Contemporary Issues in Agricultural Leadership, Internship Course*. Course topics included leadership theories and concepts; opinions on current issues critical to the state of leadership in the agricultural industry; and understanding of contemporary leadership issues and problems.

SERVICE ACTIVITIES

Oklahoma Cooperative Extension Service

- State 4-H Shooting Sports Advisory Committee, 2014
- OAE4-HA Youth Development Committee, 2014, 2015
- NW District 4-H Shooting Sports (Archery, Air Rifle & Air Pistol) Committee, 2014, 2015
- State 4-H Roundup Planning Committee, 2015
- NW District Contest Day Committee, 2016

PROFESSIONAL IMPROVEMENT ACTIVITIES

Workshops and Courses: Oklahoma State University

- *College of Agricultural Sciences and Natural Resources Teaching Workshop*, August 2017
- *Graduate Teaching Assistant Conference*, August 2016
- *IRB Social, Behavioral, and Educational Researchers (CITI Training)*, September 2016

- *IRB Social-Behavioral-Educational Specialized Modules (CITI Training)*, September 2016
- *Plagiarism (CITI Training)*, September 2016
- *Social and Behavioral Responsible Conduct of Research – Course 1 (CITI Training)*, November 2015
- *OSU Title VII and Title IX Training*, May 2016 and August 2017
- *OSU Minors on Campus Online Training*, June 2017

Workshops and Courses: Oklahoma Cooperative Extension Service

- *Oklahoma Cooperative Extension Service Professional Improvement Conference*, January 2014, January 2016
- *Payne County Master Gardener Program*, 12-week course, Spring 2014
- *NW District 4-H ACCESS*, In-service training, January 2014
- *4-H for Century III – A Model for Oklahoma’s 4-H Program*, In-Service Training, Spring 2014
- *Pesticide Safety Education Program – Applicator Training*, February 2014
- *4-H Volunteer Core Competencies*, In-Service Training, February 2014
- *Surviving the Elements Symposium*, Land and Water Issues of the West, March 2014
- *Oklahoma Cooperative Extension Service New Educator Orientation*, March 2014
- *Integrated Pest Management Workshop*, Train-the-Trainer, March 2014
- *8 Essential Elements of Positive Youth Development*, In-Service Training, April 2014
- *Outdoor Water Conservation*, In-Service Training, April 2014
- *4-H Curriculum Update*, In-Service Training, April 2014, April 2015
- *NW District Volunteer/Parent Conference*, April 2014
- *State Oklahoma Association of Extension 4-H Agents Conference*, May 2014, May 2015
- *Master Gardener Leadership Summit*, June 2014
- *4-H ATV Safety Training*, July 2014
- *NW District 4-H Shooting Sports Instructor Training*, Certified as Logan County Shooting Sports Coordinator, July 2014
- *State Women in Agriculture Conference*, August 2014, August 2015, August 2016
- *National 4-H Youth Science Day Rocket Training*, September 2014
- *Wildlife Expo, Oklahoma Department of Wildlife*, September 2014, September 2015
- *4-H Volunteer Management System*, In-Service training, October 2014
- *Tips and Strategies for Effective Teaching*, In-service Training, November 2014
- *NW District 4-H Shooting Sports Instructor Training*, Certified as Air Rifle/Air Pistol and .22 Rifle/.22 Pistol Coach, November 2014
- *Mesonet and Weather Training: Ag Weather Tools*, In-Service Training, November 2014
- *Agriculture Educator Orientation, Part I*, November 2014
- *NW District Annual 4-H Curriculum Update*, In-service Training, December 2014
- *NW District Agriculture Educator Training*, December 2014
- *4-H Club Management System*, In-service training, December 2014
- *Agriculture Educator Orientation, Part II*, December 2014
- *4-H/FCS State Conference*, January 2015
- *County Extension Director (CED) Annual Conference*, February 2015

- *Oil and Gas Activity*, In-service Training Series, February-March 2015
- *Annie's Project – Family & Farm Financial Management Workshop Series*, February 2015
- *Fair Judging 101*, In-service Training, April 2015
- *2015 4-H Curriculum Update*, In-service Training, April, 2015
- *Horticulture Updates*, Monthly In-service Trainings
- *Oklahoma 4-H Updates*, Monthly In-service Trainings
- *4-H ATV Instructor Certification Course*, Certified as an ASI ATV Instructor, April 2015
- *National Wheat Field Day, Lahoma Experiment Station*, May 2015
- *Citizenship Washington Focus, Washington D.C.*, Served as chaperone, June 2015
- *Ag in the Classroom State Summer Conference*, July 2015

Professional Conferences

- Association of Leadership Educators Annual Conference, 2012, 2017
- Association for International Agricultural and Extension Education Annual Conference, 2013
- Texas Tech University Graduate Student Research Poster Competition, 2012
- OCES Annual Conference, 2014, 2016
- OAE4-HA Annual Conference, 2014, 2015, 2016

Professional Affiliations

- National Association of Extension 4-H Agents
- Oklahoma Association of Extension 4-H Agents
- American Association for Agricultural Education
- Association of Leadership Educators

EDUCATION

Ph.D. – Agricultural Education

May 2018, Oklahoma State University, Stillwater, OK

Coursework (62 hours)

Foundations of Leadership Theory (Agricultural Leadership)

Extension Program Development (Agricultural Leadership)

Adolescent Development (Educational Psychology)

Methods of Technological Change (Agricultural Education)

Orientation to Graduate Programs (Agricultural Education)

Adult Programming in Agricultural and Extension Education (Agricultural Education)

Statistical Methods in Education (Research, Evaluation, Measurements, & Statistics - REMS)

Qualitative Research (Social Foundations)

Grant Seeking (Agricultural Education)

Advanced Teaching Methods in Agricultural Education (Agricultural Education)

Quantitative Research Methods (Agricultural Education)

Analysis of Variance (REMS)

Program Evaluation I (REMS)
Factor Analysis in Behavioral Research (REMS)
Research in Agricultural Education (Agricultural Education)
Advanced Methods of Teaching Agricultural Education – Experiential Learning
(Agricultural Education)
Multiple Regression Analysis (REMS)

Dissertation Research

An Examination of Two Differing Experiential Approaches to All-Terrain
Vehicle (ATV) Safety Trainings Among Youth in Oklahoma

Scholarship

Department of Agricultural Education, Communications, and Leadership,
Graduate Student Association – Outstanding Doctoral Student
Department of Agricultural Education, Communications and Leadership
Assistantship
James D. White Agricultural Leadership Endowed Scholarship
Association of Leadership Educators Annual Conference - Founding Mothers'
Student Scholar Award

M.S. – Agricultural Education

May 2013, Texas Tech University, Lubbock, TX

Coursework Sample

Research Methods
Assessing Program Effectiveness
Contemporary Issues in Agricultural Leadership
Foundations of Adult Education
Evaluating Leadership in Agricultural Organizations
Developing Leadership in Rural Communities

Thesis Research

A Multi-Faceted Needs Assessment of the Belizean Agriculture Industry -
International Agriculture

Graduate Certificate

First student in Department of Agricultural Education and Communications to
receive a Graduate Certificate in Agricultural Leadership (4 Agricultural
Leadership classes completed, in addition to Agricultural Education
coursework)

Scholarship

Department of Agricultural Education and Communications Assistantship
Association of Leadership Educators – National Conference (conference fee)
Association for International Agricultural and Extension Education – International
Conference (conference fee)

B.S. – Interdisciplinary Agricultural Leadership

May 2011, Texas Tech University, Lubbock, TX

Scholarship

Texas Tech University Eggenberger Fellowship Scholarship
