

CURRICULUM VITAE FOR EXTENSION EDUCATOR FACULTY

University of Idaho

NAME: Ronald K. Patterson

DATE: October 31, 2019

RANK OR TITLE: Associate Extension Professor

DEPARTMENT: University of Idaho Extension, Eastern District

OFFICE LOCATION AND CAMPUS ZIP:

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DATE OF FIRST EMPLOYMENT AT UI: November 19, 2018

DATE OF TENURE: Untenured

DATE OF PRESENT RANK OR TITLE: November 19, 2018

EDUCATION BEYOND HIGH SCHOOL:

Degrees:

M.S., 1994, Agriculture Education, University of Idaho, Moscow, Idaho.
B.S., 1987, Agriculture Education, University of Idaho, Moscow, Idaho.
A.A., 1984, Horticulture, Brigham Young University – Idaho, Rexburg, Idaho.
A.A.S., 1983, Accounting, Brigham Young University – Idaho, Rexburg, Idaho.

Certificates and Licenses:

Professional Pesticide Applicator, Idaho State Department of Agriculture, October 2019 – present
Non-Commercial Pesticide Applicator, Utah Department of Agriculture and Food, 2007 – present
Utah State Teaching Certificate, Secondary, 2003 – 2008
Idaho State Teaching Certificate, 1987 – 2007

EXPERIENCE:

Teaching, Extension and Research Appointments:

Associate Extension Professor and Extension Educator, University of Idaho, Bonneville County, Idaho Falls, Idaho, November 2018 - Present
Associate Extension Professor and Extension Agent, Utah State University, Weber and Morgan Counties, Utah, 2017 – 2018
Associate Extension Professor and Extension Agent, Utah State University, Carbon County, Utah, 2011 – 2016.
Assistant Extension Professor and Extension Agent, Utah State University, Carbon County, Utah, 2005 – 2011.

OTHER CAREER EXPERIENCE

Academic Administrative Appointments:

County Chair, Bonneville County Extension Office, University of Idaho, Idaho Falls, Idaho, 2018 – Present.

Non-Academic Employment including Armed Forces:

High School Agriculture Teacher, Sevier School District, North Sevier High School, Salina, Utah, 2003 – 2005.
Farm Business Management Teacher, Eastern Idaho Technical College, Idaho Falls, Idaho, 1997 – 2003.
High School Agriculture Teacher, Plummer/Worley School District, Plummer, Idaho, 1996 – 1997.

Non-Academic Employment including Armed Forces: (continued)

High School Agriculture Teacher, Nampa School District, Nampa High School, Nampa, Idaho,
1993 - 1996

Office Manager/Livestock Nutritionist, Hill Milling Company, Terreton, Idaho. 1988 – 1993.

Gardener, Idaho Falls LDS Temple, Idaho Falls, Idaho. 1984 – 1985.

TEACHING ACCOMPLISHMENTS:**Areas of Specialization:**

Horticulture

Cereal Crops

4-H Youth Development

Courses Taught:**Courses Taught at College of Eastern Idaho (formerly Eastern Idaho Technical College)**

Course Title	Course Number	Dates
Farm Business Records & Accounts I	FBM 175-01	1997-98
Farm Business Records & Accounts I	FBM 175-02	1997-98
Farm Business Records & Accounts II	FBM 176-01	1997-98
Farm Business Records & Accounts II	FBM 176-02	1997-98
Farm Business Records & Accounts I	FBM 175-01	1998-99
Farm Business Records & Accounts II	FBM 176-01	1998-99
Farm Business Analysis & Evaluation I	FBM 177-01	1998-99
Farm Business Analysis & Evaluation II	FBM 178-01	1998-99
Farm Business Records & Accounts I	FBM 175-01	1999-00
Farm Business Records & Accounts I	FBM 175-30	1999-00
Farm Business Records & Accounts I	FBM 175-80	1999-00
Farm Business Records & Accounts II	FBM 176-01	1999-00
Farm Business Records & Accounts II	FBM 176-81	1999-00
Farm Business Records & Accounts II	FBM 176-82	1999-00
Farm Business Analysis & Evaluation I	FBM 177-01	1999-00
Farm Business Analysis & Evaluation II	FBM 178-01	1999-00
Farm Business Organization I	FBM 281-30	1999-00
Farm Business Organization II	FBM 282-31	1999-00
Farm Business Records & Accounts I	FBM 175-01	2000-01
Farm Business Records & Accounts I	FBM 175-51	2000-01
Farm Business Records & Accounts II	FBM 176-01	2000-01
Farm Business Records & Accounts II	FBM 176-51	2000-01
Farm Business Analysis & Evaluation I	FBM 177-01	2000-01
Farm Business Analysis & Evaluation I	FBM 177-31	2000-01
Farm Business Analysis & Evaluation I	FBM 177-51	2000-01
Farm Business Analysis & Evaluation II	FBM 178-01	2000-01
Farm Business Analysis & Evaluation II	FBM 178-31	2000-01
Farm Business Analysis & Evaluation II	FBM 178-51	2000-01
Farm Business Organization I	FBM 281-01	2000-01
Farm Business Organization II	FBM 282-01	2000-01
Farm Business Records & Accounts I	FBM 175-01	2001-02
Farm Business Records & Accounts I	FBM 175-71	2001-02
Farm Business Records & Accounts II	FBM 176-01	2001-02
Farm Business Records & Accounts II	FBM 176-71	2001-02
Farm Business Analysis & Evaluation I	FBM 177-01	2001-02
Farm Business Analysis & Evaluation I	FBM 177-71	2001-02
Farm Business Analysis & Evaluation II	FBM 178-01	2001-02
Farm Business Analysis & Evaluation II	FBM 178-71	2001-02
Farm Business Organization I	FBM 281-01	2001-02
Farm Business Organization I	FBM 281-41	2001-02
Farm Business Organization I	FBM 281-71	2001-02

TEACHING ACCOMPLISHMENTS: Courses Taught: (continued)

Farm Business Organization II	FBM 282-01	2001-02
Farm Business Organization II	FBM 282-41	2001-02
Farm Business Organization II	FBM 282-71	2001-02
Farm Business Records & Accounts I	FBM 175-01	2002-03
Farm Business Records & Accounts I	FBM 175-71	2002-03
Farm Business Records & Accounts II	FBM 176-01	2002-03
Farm Business Records & Accounts II	FBM 176-71	2002-03
Farm Business Analysis & Evaluation I	FBM 177-01	2002-03
Farm Business Analysis & Evaluation I	FBM 177-71	2002-03
Farm Business Analysis & Evaluation II	FBM 178-01	2002-03
Farm Business Analysis & Evaluation II	FBM 178-71	2002-03
Farm Business Organization I	FBM 281-01	2002-03
Farm Business Organization I	FBM 281-71	2002-03
Farm Business Organization II	FBM 282-01	2002-03
Farm Business Organization II	FBM 282-71	2002-03
Occupational Relations	OCR 101-01	2002-03
Occupational Relations	OCR 101-02	2002-03

Interns Students Advised:**Undergraduates:****INTERN/PERSONNEL—Supervision and Mentoring**

- Utah State University Intern Program, Summer Science Camp, Heather Hughes, 2016.
- Utah State University Intern Program, Summer Science Camp, Alexis Woodruff, 2016.
- Utah State University Intern Program, Water Audits, Heidi Essex, 2015.
- Utah State University Intern Program, Water Audits, James Utley, 2014.
- Utah State University Intern Program, Water Audits, Lauren Nel, 2013.
- Utah State University Intern Program, Summer Science Camps, Jenna Jepsen, 2010.

Materials Developed:**Workbooks, Manuals:**

- Patterson, R. K. 2015. Landscape Water Check Program. Spreadsheet program to do the mathematical calculations to check efficiency of landscape irrigation systems.
http://extension.usu.edu/carbon/agriculture_natural_resources/irrigation_management
- Patterson, R. K. 2014. Livestock Ration Program. Spreadsheet program to help balance rations for livestock projects.
http://extension.usu.edu/carbon/agriculture_natural_resources/livestock_nutrition
- Patterson, R. K. 2009. Handcan Sprayer Calibration Program. Spreadsheet program to help make the calculations common to handcan sprayer calibration easier.
http://extension.usu.edu/carbon/gardening_horticulture/sprayer_calibration
- Patterson, R. K. 2007. Boom Sprayer Calibration Program. Spreadsheet program to help make the calculations common to boom sprayer calibration easier.
http://extension.usu.edu/carbon/gardening_horticulture/sprayer_calibration

Web Pages:

- Patterson, R. K. 2000. Farm Business Management. Three-year online classes developed to deliver farm business management courses to remote areas. Course no longer accessible.

Video Productions:**Videos produced at University of Idaho Extension:**

- Patterson, R.K. 2019 How to Control Weeds: Musk Thistle. YouTube video.
<https://youtu.be/NARlIK8xnW4>
- Patterson, R.K. 2019. How to Plant Raspberries. YouTube video. <https://youtu.be/bXu-Edu9gUg>
- Patterson, R.K. 2019. How to Air Layer Monocots. YouTube video.
<https://www.youtube.com/watch?v=oxuFr6mGWJE>

TEACHING ACCOMPLISHMENTS: Materials Developed: Video Productions: Videos produced at Utah State University Extension: (continued)

- Patterson, R.K. 2018. How to Control Yellow Starthistle Weed, YouTube video. <https://www.youtube.com/watch?v=YkAlpQiRZsw>
- Patterson, R.K. 2018. How to Control Puncturevine, YouTube video. https://www.youtube.com/watch?v=NK0_iu3ef5U
- Patterson, R.K. 2018. How to Control Dyer's Woad Weed, YouTube video. <https://youtu.be/X8NvUY40UY>
- Patterson, R.K. 2017. How to Win Blue Ribbons with your Summer Squash. YouTube video. <https://youtu.be/PfhRuaSfHbw>.
- Patterson, R.K. 2017. Pruning and Trellising Tomatoes, eXtension online recorded webinar, YouTube video. <https://youtu.be/ar9unCJwbil>
- Patterson, R.K. 2016. Hoop House Ventilation. YouTube video. <www.youtube.com/watch?v=kUAUdKsd-H8>
- Patterson, R.K. 2016. Hoop House Cover. YouTube video. <www.youtube.com/watch?v=ubGm-Xg4FE>
- Patterson, R.K. 2016. Hoop House End Wall and Door Latch. YouTube video. <www.youtube.com/watch?v=mGZa5cRXadA>
- Patterson, R.K. 2016. Hoop House Side Wall Construction. YouTube video. <https://youtu.be/lxrN0At8F7w>
- Patterson, R.K. 2016. Hoop House Construction 2 Arches. YouTube video. <https://youtu.be/O8Qkoezs9IY>
- Patterson, R.K. 2016. Hoop House Construction 1 Layout. YouTube video. www.youtube.com/watch?v=J_YnCBtebls
- Patterson, R.K. 2016. How to Grow Peas in the Fall. YouTube video. <https://youtu.be/CMUHpM2jb6w>
- Patterson, R.K. 2015. How to Store Potatoes. YouTube video. <https://youtu.be/8y-rSJvuuQM>
- Patterson, R.K. 2015. How to Cure Onions. YouTube video. <https://youtu.be/CoqGPHN7CuY>
- Patterson, R.K. 2015. How to Harvest Onions. YouTube video. <https://youtu.be/dboYkmymYvU>
- Patterson, R.K. 2015. How to Harvest Young (or small) Potatoes. YouTube video. <https://www.youtube.com/watch?v=6g0Cd8jH8t0>
- Patterson, R.K. 2015. How to Transplant Tomatoes into your Garden. YouTube video. <https://youtu.be/rIDYWiKSfXg>
- Patterson, R.K. 2015. How to Transplant Peppers into your Garden. YouTube video. <https://youtu.be/UZ1YnpNv20>
- Patterson, R.K. 2014. How to Start Seeds Indoors. YouTube video. <http://youtu.be/OQZwgg0ERbc>
- Patterson, R.K. 2014. How to Control Squash Bugs with Water. YouTube video. <http://youtu.be/v80UqQxu5PU>
- Patterson, R.K. 2014. How to Grow Eggplant. YouTube video. <http://youtu.be/adKVZ430PwE>
- Patterson, R.K. 2014. How to Make Potato Hills to Prevent Greening. YouTube video. <http://youtu.be/sjOQpuy3m7o>
- Patterson, R.K. 2014. How to Plant Peas. YouTube video. <http://youtu.be/VM6AKMKFRbg>
- Patterson, R.K. 2014. How to Prune Raspberries. YouTube video. <http://youtu.be/WBMQri2m-E8>
- Patterson, R.K., Worwood, D. R. & Gale, J. 2014. How to Kill Russian Olive Trees. YouTube Video. <http://www.youtube.com/watch?v=bN0HfFc2e-4>
- Patterson, R.K. 2013. How to Harvest Garlic. YouTube video. <http://youtu.be/EJPNobvG3hI>
- Patterson, R.K. 2013. How to Plant and Grow Garlic. YouTube video. <http://youtu.be/SnBTN3MaCaQ>
- Patterson, R.K. 2013. How to Calibrate Agricultural Sprayers. YouTube video. <http://youtu.be/mCtVULZD1f8>
- Patterson, R.K., D.R. Worwood & J. Gale 2013. How to Kill Russian Olive Trees: Best Practices. YouTube video. http://youtu.be/9OLaUe_MPXw
- Patterson, R.K., D.R. Worwood & J. Gale 2013. How to Kill Russian Olive Trees: Chemical Application. YouTube Video. <http://youtu.be/tRrI9R5d9cA>
- Worwood, D.R., R.K. Patterson & J. Gale 2013. How to Kill Russian Olive Trees: Overview. YouTube Video. <http://youtu.be/-9M2tVgdUtA>

TEACHING ACCOMPLISHMENTS: Materials Developed: Video Productions: Videos produced at Utah State University Extension: (continued)

- Patterson, R.K. 2013. How to Transplant a Tree. YouTube Video. <https://youtu.be/xIO7u2WK10A>
- Patterson, R.K. 2012. How to Manage Your Zucchini Plants. YouTube video. <http://www.youtube.com/watch?v=yzs-VEtlIx0>
- Patterson, R.K. 2012. How to Train Cucumbers to a Trellis 3. YouTube Video. <http://www.youtube.com/watch?v=FMK8hXayfB4>
- Patterson, R.K. 2012. How to Train Cucumbers to a Trellis 2. YouTube Video. <http://www.youtube.com/watch?v=pkzwlYrq4Gg>
- Patterson, R.K. 2012. How to Train Cucumbers to a Trellis 1. YouTube Video. <http://www.youtube.com/watch?v=yi2Bhx6uVGM>
- Patterson, R.K. 2012. How to Prune Tomatoes. YouTube Video. <http://www.youtube.com/watch?v=dutDEelEXvw>
- Patterson, R.K. 2012. How to Plant Corn. YouTube Video. http://www.youtube.com/watch?v=nSFqxQOn3_k
- Patterson, R.K. 2012. How to Plant Potatoes. YouTube Video. http://www.youtube.com/watch?v=goZJqGbSS_k
- Patterson, R.K. 2012. How to Plant Beets. YouTube Video. <http://www.youtube.com/watch?v=cAm2zFB2x9I>
- Patterson, R.K. 2012. How to Plant Spinach. YouTube Video. <http://www.youtube.com/watch?v=hGQNysZpu90>
- Patterson, R.K. 2012. How to Plant Carrots. YouTube Video. <http://www.youtube.com/watch?v=lkbVIJWYfVg>
- Patterson, R.K. 2012. How to Plant Onion Sets. YouTube Video. <http://www.youtube.com/watch?v=sX43GrPJ3NE>
- Patterson, R.K. 2012. How to Plant Chard. YouTube Video. <http://www.youtube.com/watch?v=HPVO9ZJerDM>
- Patterson, R.K. 2012. How to Plant Radishes. YouTube Video. <http://www.youtube.com/watch?v=rrLACx7Sks4>
- Patterson, R.K. 2012. How to Build Tomato and Cucumber Trellises. YouTube Video. <http://www.youtube.com/watch?v=7hGLWAurmE4>
- Patterson, R.K. 2012. How to Prepare a Garden. YouTube Video. <http://www.youtube.com/watch?v=XqMrB6Vh7-w>

Displays and Posters:

- Worwood, D.R., R.K. Patterson, C. Ransom, and S. Price. February 5 – 7, 2019. Comparison of Mechanical Removal and Basal Bark Herbicide Treatments on Russian Olive Regrowth. RiversEdge West Riparian Restoration Conference, Phoenix, Arizona.
- Patterson, R. K. and D.R Worwood. January 14 – 16, 2013. Successful Treatment of Russian Olive (*Elaeagnus angustifolia*) Year-Round. Great Basin Consortium Conference, Boise, Idaho.

Courses Developed:

- Parker, R., B. Hope and R.K. Patterson. 1997. Farm Business Records & Accounts I.
- Parker, R., B. Hope and R.K. Patterson. 1997. Farm Business Records & Accounts II.
- Parker, R., B. Hope and R.K. Patterson. 1998. Farm Business Records Analysis & Evaluation I.
- Parker, R., B. Hope and R.K. Patterson. 1998. Farm Business Records Analysis & Evaluation II.
- Parker, R., B. Hope and R.K. Patterson. 1999. Farm Business Organization I.
- Parker, R., B. Hope and R.K. Patterson. 1999. Farm Business Organization II.

Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc.:

Horticulture:

- Patterson, R.K. Lawn Irrigation and Tree Selection. Home owners' association meeting. Ammon, Idaho, September 25, 2019.
- Patterson, R.K. High Tunnel Management. Natural Resources Conservation Service, Arco, Idaho, August 23, 2019. *Invited Presentation.*

TEACHING ACCOMPLISHMENTS: Non-Credit Classes, Presentations, Workshops, Seminars, Invited**Lectures, etc.: Horticulture: (continued)**

- Patterson, R.K. How to Air Layer for Instant Large Plants (3). Idaho Master Gardener Program, Rexburg, Idaho, June 28, 2019.
- Patterson, R.K. Proper Lawn Irrigation. Ammon City Parks Department, Ammon, Idaho, May 12, 2019,
- Patterson, R.K. Water Check Technician training. Ammon, Idaho, June 12, 20, 2019.
- Patterson, R.K. Water Check Technician training. Idaho Falls, Idaho, May 10, 2019.
- Patterson, R.K. Spring Check of Irrigation System. Ammon City Parks Department, Ammon, Idaho, May 8, 2019.
- Patterson, R.K. Pest Management, diagnosis. Victory Garden, Driggs, Idaho, May 7, 2019.
- Patterson, R.K. Water Check Technician Training. Idaho Falls, Idaho, May 1, 4, 2019.
- Patterson, R.K. Growing and Storing Roots Crops, Idaho Advanced Master Gardener Program, April 17, 2019.
- Patterson, R.K. Tree Selection and Planting. Idaho Falls, Idaho, April 15, 2019.
- Patterson, R.K. Season Extension. Greenhouse Construction. Idaho Master Gardener Program, Pocatello and Idaho Falls, Idaho, April 10 – 11, 2019.
- Patterson, R.K. Fruit Trees and Small Fruit. Idaho Master Gardener Program, Idaho Falls, Idaho, March 28, 2019.
- Patterson, R.K. Permaculture. Grower group discussion, Idaho Falls, Idaho, March 22, 2019.
- Patterson, R.K. Pruning Trees and Shrubs. Idaho Master Gardener Program, Blackfoot, Pocatello, and Idaho Falls, Idaho, March 18, 19 & 21, 2019.
- Patterson, R.K. Caneberries. Idaho Falls Horticulture Symposium, Idaho Falls, Idaho, March 16, 2019.
- Patterson, R.K. Season Extension. Extension gardening class, Montpelier and Soda Springs, Idaho, March 14, 2019.
- Patterson, R.K. Landscape Design. Idaho Advanced Master Gardener Program, Idaho Falls, Idaho, March 6, 2019.
- Patterson R.K. Weeds and Integrated Pest Management. Utah Master Gardener Program, West Jordan (2) and Ogden, Utah, March 5 – 6, 2019. *Invited Presentations.*
- Patterson, R.K. Fruit Tree Pruning. Idaho Advanced Master Gardener Program, Idaho Falls, Idaho, March 2, 2019.
- Patterson, R.K. Weeds & Pesticides. Idaho Master Gardener Program, Idaho Falls, Idaho, February 28, 2019.
- Patterson, R.K. High Tunnel Management. Natural Resources Conservation Service, Arco, Idaho, February 22, 2019. *Invited Presentation.*
- Patterson, R.K. Landscape Design. Idaho Master Gardener Program, Blackfoot and Idaho Falls, Idaho, February 18, & 21, 2019.
- Patterson, R.K. Conservation Irrigation. Idaho Falls Community Garden Association, Idaho Falls, Idaho, February 16, 2019.
- Patterson, R.K. Botany & House Plants. Idaho Master Gardener Program, Blackfoot, Pocatello and Idaho Falls, Idaho, January 21, 23, & 24, 2019.
- Patterson, R.K. Season Extension. Preparedness Conference (2x), Salt Lake City, Utah, September 29, 2018.
- Patterson, R.K. High Tunnel Management, Wasatch High Tunnel Workshop, Payson, Utah, June 21, 2018. *Invited Presentation.*
- Patterson, R.K. Weed Education, Ogden Farmers Market, Ogden, Utah, September 1, 2018.
- Patterson, R.K. Bee Safety. Antelope Island, Utah, August 18, 2018. *Invited Presentation.*
- Patterson, R.K. Weed Management. Urban Homestead Conference, West Jordan, Utah, April 21, 2018.
- Patterson, R.K. Conservation Irrigation. Urban Homestead Conference, West Jordan, Utah, April 21, 2018.
- Patterson, R.K. Vegetable Production. Carbon/Emery Master Gardener Program, Castle Dale, Utah, March 1, 2018.
- Patterson, R. K. Drip Irrigation. Urban Homestead Expo, Jordan Valley, Utah, April 22, 2017.
- Patterson, R.K. Vegetable Production. Carbon/Emery Master Gardener Program, Zoom delivery, March 1. 2018.

TEACHING ACCOMPLISHMENTS: Non-Credit Classes, Presentations, Workshops, Seminars, Invited**Lectures, etc.: Horticulture: (continued)**

- Patterson, R.K. Soils and Fertility. Carbon/Emery Master Gardener Program, Price, Utah, February 16, 2017.
- Patterson, R.K. House Plants. Carbon/Emery Master Gardener Program, Castle Dale, Utah, March 24, 2016.
- Patterson, R.K. Trees & Shrubs for Castle Country. Carbon/Emery Master Gardener Program, Castle Dale, Utah, March 10, 2016.
- Patterson, R.K. Pruning Fruit Trees & Shrubs. Carbon/Emery Master Gardener Program, Castle Dale, Utah, March 5, 2016.
- Patterson, R.K. Soils and gardening issues. Castle Dale Relief Society, Castle Dale, Utah, June 23, 2015.
- Patterson, R.K. Pruning Ornamental Trees & Shrubs. Carbon/Emery Master Gardener Program, Castle Dale, Utah, March 7, 2015.
- Patterson, R. K. Water Audits--QWEL training. Provo, Utah, October 30, 2014.
- Patterson, R.K. Pruning Fruit Trees & Shrubs. Carbon/Emery Master Gardener Program, Price, Utah, March 8, 2014.
- Patterson, R.K. House Plants. Carbon/Emery Master Gardener Program, Price, Utah, January 30, 2014.
- Patterson, R.K. Vegetable Production, Master Gardener Field Day, Kaysville, Utah, September 26, 2013.
- Patterson, R.K. Garden Soils in Castle Country. Helper First Friday, Helper, Utah, May 3, 2013.
- Patterson, R.K. Season Extension. Sanpete County Gardening Class, Ephraim, Utah, March 16, 2013.
- Patterson, R. K. Solar Greenhouse, Energy Conservation, Coverings, etc. Thanksgiving Point, Utah, January 8, 2013.
- Patterson, R. K. Tree Selection & Care. Carbon County Home & Garden Show, Price, Utah, April 20, 2012.
- Patterson, R. K. Vegetable Gardening. Carbon County Home & Garden Show, Price, Utah, April 20, 2012.
- Patterson, R. K. Gardening Basics. Active Re-Entry, Price, Utah, May 13, 2011.
- Patterson, R. K. Pruning. Carbon County Home & Garden Show, Price, Utah, March 26, 2011.
- Patterson, R. K. Vegetable Production. Carbon County Home & Garden Show, Price, Utah, March 25, 2011.
- Patterson, R.K. Carbon County Soils. Carbon County Home & Garden Show, Price, Utah, March 26, 2010.
- Patterson, R.K. Conservation Irrigation. Carbon County Home & Garden Show, Price, Utah, March 26, 2010.
- Patterson, R.K. Houseplants. Carbon/Emery Master Gardener Program, Price, Utah, February 11, 2010.
- Patterson, R.K. Garden Irrigation. Price Utah Stake Relief Society, Price, Utah, April 25, 2009.
- Patterson, R.K. Plant Diseases. Carbon/Emery Master Gardener Program, Price, Utah, March 26, 2009.
- Patterson, R.K. Pruning. Carbon/Emery Master Gardener Program, Price, Utah, March 7, 2009.
- Patterson, R.K. Plant Science. Carbon Emery Master Gardener Program, Price, Utah, February 5, 2009.
- Patterson, R.K. Basic Plant Processes. Carbon/Emery Master Gardener Program, Castle Dale, Utah, January 29, 2009.
- Patterson, R.K. Pruning. USU Extension--Carbon County, East Carbon, Utah, May 15, 2008.
- Patterson, R.K. Landscape Design. Carbon/Emery Master Gardener Program, Price, Utah, February 28, 2008.
- Patterson, R.K. Houseplants. Carbon/Emery Master Gardener Program, Price, Utah, February 14, 2008.
- Patterson, R.K. Weeds: Scofield Homeowners Association. Skyline Cooperative Weed Management Area, Scofield, Utah, June 9, 2007.
- Patterson, R. Plant Diseases. Carbon/Emery Master Gardener Program, Castle Dale, Utah, February 22, 2007.

TEACHING ACCOMPLISHMENTS: Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc.: Horticulture: (continued)

Patterson, R. Plant Science. Carbon/Emery Master Gardener Program, Price, Utah, February 4, 2007.

4-H/Youth Development:

Patterson, R.K. Native Plants. 4-H Summer Camp, Alpine, Wyoming, June 17, 2019.

Patterson, R.K., K. Berg, Crops around the world. 4-H Summer Camp, Alpine, Wyoming, June 17, 2019.

Patterson, R.K. Nutrition for Your Livestock Project. Bonneville County 4-H, Idaho Falls, Idaho, February 25, 2019.

Patterson, R.K. Beekeeping. Weber County Farm Field Days, Ogden, Utah, October 4 – 5, 2018.

Patterson, R.K. Grains. Gibson Farm Field Day—15 rotations of special needs students. Taylor, Utah, April 12, 2018.

Patterson, R.K., M. Peterson, and B. Christensen. Water Uses. Weber County Water Fair, Ogden, Utah, April 11, 2018.

Patterson, R.K. Swine Showmanship. Morgan County Livestock Workshop, Morgan, Utah, June 3, 2017.

Patterson, R.K. Morgan Baby Animal Event. Morgan Conservation District, Morgan, Utah, May 19 – 20, 2017.

Patterson, R.K. Local Gardening. Willard Relief Society, May 9, 2017.

Patterson, R.K. Cereal Grain Production. Gibson Farm Field Day, Ogden, Utah, April 13, 2017.

Patterson, R.K. Boondoggles, 4-H Club enhancement activity, Price, Utah, October 26, 2016.

Patterson, R.K. and L.M. Patterson, Castle County History. Visiting youth group, Price, Utah, August 4, 2016.

Patterson, R.K. Embryology. Third grade class enrichment, Castle Heights, Sally Mauro, Bruin Point, Pinnacle Canyon Academy, and Wellington Elementary Schools, Carbon County, Utah, April 2016 – May 2016.

Patterson R.K. Nutrition. 4-H Goat Project participants, Price, Utah, April 30, 2016.

Patterson, R. K. Nutrition for Livestock. Utah 4-H Leadermete, Richfield, Utah, April 8, 2016.

Patterson, R.K. Beekeeping. Carbon County Farm Bureau Field Day—10 rotations of 3rd grade students, Price, Utah, March 30, 2016.

Patterson, R.K. Garden Harvesting. Primary Achievement Day girls, Price, Utah, September 9, 2015.

Patterson, R.K. GPS/Geo-caching. 4-H Summer Cay, Huntington, Utah, June 25, 2015.

Patterson, R.K. GPS/Geo-caching. Teen Council Training, Price, Utah, June 15, 2015.

Patterson, R.K. Activity Day in the Garden. Primary Achievement Day girls, Price, Utah, May 20, 2015.

Patterson, R.K., Embryology. Third grade class enrichment, Castle Heights, Sally Mauro, Bruin Point, Pinnacle Canyon Academy, Wellington, and Creekview Elementary Schools, Carbon County, Utah, April 2015 – May 2015.

Patterson, R.K. Feeding Your Livestock Projects. Utah 4-H Leadermete, Salt Lake City, Utah, April 10, 2-15.

Patterson, R.K. Beekeeping. Carbon County Farm Bureau Field Day—11 rotations of 3rd grade students, Price, Utah, March 18, 2015.

Patterson, R.K. 2014. Feeding Your Livestock Projects. Utah 4-H Leadermete, Loa, Utah, April 25, 2014.

Patterson, R.K. Embryology. Third grade class enrichment, Castle Heights, Sally Mauro, Bruin Point, Pinnacle Canyon Academy, Wellington and Creekview Elementary Schools, Carbon County, Utah, April 2014 – May 2014.

Patterson, R.K. and N. Kiahtipes 2014. Leadership—positive peer pressure. Carbon County Farm Bureau Field Day—12 rotations of 3rd grade students, Price, Utah, March 26, 2014.

Patterson, R.K. Beef Selection and Nutrition. 4-H Livestock Care and Selection Workshop, Castle Dale, Utah, February 19, 2014.

Patterson, R.K. Leadership—positive peer pressure. Carbon County Farm Bureau Farm Field Day—10 rotations of third grade students, Price, Utah, March 20, 2013.

TEACHING ACCOMPLISHMENTS: Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc.: 4-H/Youth Development: (continued)

- Patterson, R.K. Nutrition for your livestock projects. Utah 4-H Leadermete, Brigham City, Utah, March 1, 2013.
- Patterson, R.K. Leadership. Carbon County Farm Bureau Farm Field Day—10 rotations of third grade students, Price, Utah, March 21, 2012.
- Patterson, R.K. Boondoggle Delights for Beginners. Western Region Leadership Forum, Cheyenne, Wyoming, January 14, 2012.
- Patterson, R.K. Fourth Grade Forester: Tree Planting Site Selection. Sally Mauro, Wellington, Castle Heights, Pinnacle Canyon Academy, Creekview, and Bruin Point Elementary School, Carbon County Utah, April 28, 29, May 2, 4 & 6, 2011.
- Patterson, R.K. Leadership. Carbon County Farm Bureau Farm Field Day—10 rotations of third grade students. Price, Utah, March 30, 2011.
- Patterson, R.K. 4-H 2010 Year in Review. Carbon County 4-H Achievement Night, Price, Utah, October 28, 2010.
- Patterson, R.K. 4-H Opportunities Beyond the Club, Carbon County 4-H Achievement Night, Price, Utah, October 28, 2010.
- Patterson, R.K. Portfolio Workshop. Carbon County 4-H, Price, Utah, Utah, October 12, 2010.
- Patterson, R.K. Summer 4-H Program: Leatherworking. East Carbon and Wellington, Utah, June 21 & July 1, 2010.
- Patterson, R.K. 4-H Volunteer Training: Club Requirements. Carbon County 4-H, Price, Utah, May 26, 2010.
- Patterson, R.K. Earth Day Event: Tree Planting. Wellington, Pinnacle Canyon Academy, Bruin Point, Castle Valley Center, Sally Mauro, and Creekview Elementary Schools, Carbon County, Utah, April 20–22, 2010.
- Patterson, R.K. Embryology. Bruin Point, Wellington, Pinnacle Canyon Academy, Creekview, and Castle Heights Elementary Schools, Carbon County, Utah, April 13, 15, May 6, & 11, 2010.
- Patterson, R.K. Boondoggle Delights for Beginners. Utah 4-H Leadermete, Provo, Utah, April 2, 2010.
- Patterson, R.K. Intermediate Boondoggle Delights. Utah 4-H Leadermete, Provo, Utah, April 2, 2010.
- Patterson, R.K. Positive Peer Pressure—Leadership. Carbon County Farm Bureau Farm Field Day, Price, Utah, March 24, 2010.
- Patterson, R.K. Personalities. Southeast Region Ambassador Training, Price, Utah, March 20, 2010.
- Patterson, R.K. Boondoggle Delights for Beginners. Western Region Leadership Forum, Albuquerque, New Mexico, March 12, 2010.
- Patterson, R.K. Intermediate Boondoggle Delights. Western Region Leadership Forum, Albuquerque, New Mexico, March 12, 2010.
- Patterson, R.K. Leadership Styles. Southeast Region Ambassador Training, Price, Utah, January 9, 2010.
- Patterson, R.K. Leadership. Southeast Region Ambassador Training, Price, Utah, November 7, 2009.
- Patterson, R.K. 4-H 2009 Year in Review. Carbon County 4-H Achievement Night, Price, Utah, October 16, 2009.
- Patterson, R.K. Portfolio Workshop. Carbon County 4-H, Price, Utah, September 28, 2009.
- Patterson, R.K. Heritage Activities. Carbon & Emery 4-H Summer Camp, Huntington, Utah, June 25, 2009.
- Patterson, R.K. Rockets. Carbon County Summer 4-H Program, Wellington and East Carbon, Utah, June 8 & 22, 2009.
- Patterson, R.K. East Carbon Afterschool: Table Etiquette. East Carbon Afterschool Carbon County 4-H, East Carbon, Utah, May 20, 2009.
- Patterson, R.K. Wellington Elementary Afterschool: Leatherwork. Carbon County 4-H, Wellington, Utah, April 23, 2009.

TEACHING ACCOMPLISHMENTS: Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc.: 4-H/Youth Development: (continued)

- Patterson, R.K. Embryology. Wellington, Pinnacle Canyon Academy, Castle Heights, Sally Mauro, Creekview, and Bruin Point Elementary Schools, Carbon County, Utah, April 7, 8, 22, 23, & 24, 2009.
- Patterson, R.K. Peer Pressure/Leadership. Carbon County Farm Bureau Farm Field Day—10 rotations of third grade students, Price, Utah, March 25, 2009.
- Patterson, R.K. Activity Structure. Southeast Region Ambassador Training, Price, UT. March 21, 2009.
- Patterson, R.K. Intermediate Boondoggle Delights. Utah 4-H Leadermete, Brigham City, Utah, March 13, 2009.
- Patterson, R.K. Boondoggle Delights for Beginners. Utah 4-H Leadermete, Brigham City, Utah, March 12, 2009.
- Patterson, R.K. and V. Parent. 4-H Portfolio Update. Utah 4-H Leadermete, Brigham City, Utah, March 12, 2009.
- Patterson, R.K. Organizational Cohesion. Southeast Region Ambassador Training, Price, Utah, February 21, 2009.
- Patterson, R.K. Leatherworking. Wellington Community Club, Wellington, Utah, February 10, 2009.
- Patterson, R.K. Leadership. Southeast Region Ambassador Training, Price, Utah, January 24, 2009.
- Patterson, R.K. 4-H 2008 Year in Review. Carbon County 4-H Achievement Night Price, Utah, November 7, 2008.
- Moulton, A.R., R.K. Patterson and V. Parent. 4-H Portfolio Changes. UAE4-HW Annual Conference, Provo, Utah, November 5, 2008.
- Patterson, R.K. Summer 4-H Program: Rockets. East Carbon and Wellington, Utah, June 11, 24, 2008.
- Patterson, R.K. Bees in the Environment. Sally Mauro Elementary, Helper, Utah, May 19, 2008.
- Patterson, R.K. Boondoggles. Sally Mauro Elementary, Helper, Utah, May 12, 2008.
- Patterson, R.K. Boondoggle Delights for Beginners. Utah 4-H Leadermete, Price, Utah, April 11, 2008.
- Patterson, R.K. Boondoggle Delights for Intermediates. Utah 4-H Leadermete, Price, Utah, April 11, 2008.
- Patterson, R.K. Positive Peer Pressure. Carbon County Farm Bureau Farm Field Day, Price, Utah, April 8, 2008.
- Patterson, R.K. Embryology. Castle Heights, Pinnacle Canyon Academy, Creekview, Wellington, Sally Mauro, and Bruin Point Elementary Schools, Carbon County, Utah, March 7, 11, 12, 13, 25, 27 & 28, 2008.
- Patterson, R.K. Boondoggle Delights. Western Region Leadership Forum, Boise, Idaho, March 7, 2008.
- Patterson, R.K. 4-H 2007 Year in Review. Carbon County 4-H Achievement Night, Price, Utah, November 16, 2007.
- Patterson, R.K. Opportunities in 4-H. Carbon County 4-H Achievement Night, Price, Utah, November 16, 2007.
- Patterson, R.K. Portfolio Workshop. Carbon County 4-H, Price, Utah, October 24, 2007.
- Patterson, R.K. GPS. Carbon and Emery 4-H Summer Camp, Huntington, Utah, June 28, 2007.
- Patterson, R.K. Swine Judging. Carbon County 4-H, Price, Utah, June 18, 2007.
- Patterson, R.K. 4-H Leader Volunteer Training: Club Requirements. Carbon County 4-H, Price, Utah, May 31, 2007.
- Patterson, R.K. Insects. Cub Scouts, Price, Utah, May 23, 2007.
- Patterson, R.K. Boondoggle Delights. Utah 4-H Leadermete, Panguitch, Utah, April 27, 2007.
- Patterson, R.K. Embryology. Creekview, Wellington, Castle Heights, Sally Mauro, and Petersen Elementary Schools, Carbon County, Utah, March 20, 28, April 17, & 25, 2007.
- Patterson, R.K. Weeds and Youth. Pinnacle Canyon Academy, Price, Utah, February 9, 2007.
- Patterson, R.K. 4-H 2006 Year in Review. Carbon County 4-H Achievement Night, Price, Utah, November 29, 2006.

TEACHING ACCOMPLISHMENTS: Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc.: 4-H/Youth Development: (continued)

Patterson, R.K. Opportunities in 4-H. Carbon County 4-H Achievement Night, Price, Utah, November 29, 2006.

Patterson, R.K. Portfolio Workshop. Carbon County 4-H, Price, Utah, October 10, 2006.

Patterson, R.K. Summer 4-H Program: Boondoggles. Wellington & East Carbon, Utah, June 12, 21, 2006.

Patterson, R.K. Pathway to Extension. Mont Harmon Jr. High Career Day, Price, Utah, May 11, 2006.

Patterson, R.K. Opportunities in 4-H, Carbon County Farm Bureau Farm Field Day, Price, Utah, March 29, 2006.

Patterson, R.K. 4-H 2005 Year in Review. Carbon County 4-H Achievement Night, Price, Utah, November 30, 2005.

Patterson, R.K. Portfolio Workshop. Carbon County 4-H, Price, Utah, November 10, 2005.

Cereal Crops:

Patterson, R.K. Break-even. Farm Management Program, Rexburg, Idaho, February 14, 2019.

Patterson, R.K. Read the Label. Bonneville County Weed Department Pesticide Applicator Training, Idaho Falls, Idaho, December 26, 2018.

Agriculture/Natural Resources:

Patterson, R.K. Pasture Management. Pasture Improvement Workshop, Idaho Falls, Idaho, March 20, 2019.

Patterson, R. Russian Olive Control Round Table. RiversEdge West Riparian Restoration Conference, Phoenix, Arizona, February 7, 2019. Invited Presentation.

Patterson, R.K. Pesticide Applicator Training: Read the Label. Utah State University Extension, Weber County, November 13, 2018.

Patterson, R.K. Season Extension/High Tunnels. Oxbow Jail, West Jordan, Utah, November 8, 2018.

Patterson, R.K., D.R. Worwood, C.V. Ransom and S.J. Price. Comparison of Mechanical Removal and Basal Bark Herbicide Treatments on Russian Olive Regrowth. Utah Society for Range Management Conference. Midway, Utah. November 2, 2018.

Patterson, R.K. and D. Frame. Poultry Nutrition. Thanksgiving Point, Lehi, Utah, October 19, 2018.

Patterson, R.K. Poultry Nutrition. Responsible Chicken Ownership workshop, Morgan, Utah, April 10, 2018.

Patterson, R.K. Bee Law. Beginning Beekeeper Workshop, Morgan, Utah, April 7, 2018.

Patterson, R.K. Bee Scheduling and Safety. Beginning Beekeeper Workshop, Morgan, Utah, April 7, 2018.

Patterson, R.K. Beekeeping Tools Equipment and Location. Beginning Beekeeper Workshop, Morgan, Utah, April 7, 2018.

Patterson, R.K. Season Extension (4x), Utah Master Gardener Program, Tooele, Ogden, Kaysville and Lehi, Utah, April 3, 5, 2018.

Patterson, R.K. Season Extension, Utah Master Gardener Program, Ogden, Kaysville and Lehi, Utah, April 5, 2018.

Patterson, R.K. Bee Law. Beginning Beekeeper Workshop, Ogden, Utah, March 31, 2018.

Patterson, R.K. Bee Scheduling and Safety. Beginning Beekeeper Workshop, Ogden, Utah, March 31, 2018.

Patterson, R.K. Beekeeping Tools Equipment and Location. Beginning Beekeeper Workshop, Ogden, Utah, March 31, 2018.

Patterson, R.K. and D. Frame. Responsible Chicken Ownership Program. Urban and Small Farms Conference, West Jordan, Utah, February 23, 2018.

Patterson, R.K. Managing Weeds. Urban and Small Farms Conference, West Jordan, Utah, February 23, 2018.

Patterson, R.K. Poultry Nutrition. Responsible Backyard Poultry Production Program, Ogden, Utah, February 20, 2018.

TEACHING ACCOMPLISHMENTS: Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc.: Agriculture/Natural Resources: (continued)

- Patterson, R.K. Russian Olive Control Options. Weber County Pesticide Applicator Training Workshop, November 14, 2017.
- Patterson, R.K. and D. Frame. Poultry Nutrition. Responsible Backyard Poultry Production, Ogden, Utah, October 17, 2017.
- Patterson, R.K. Soils. Weber Farm Field Days, Ogden, Utah, October 12 – 13, 2017.
- Worwood, D.R. and R.K. Patterson. Russian Olive Research Review. Skyline CWMA Weed Tour, Ferron, Utah, September 5, 2017.
- Patterson, R.K. Identifying Beneficial Insects. Weber County Grower Field Day, Ogden, Utah, July 27, 2017.
- Patterson, R.K. Pasture Management: Weeds toxic to horses. Weber Back Country Horsemen. Ogden, Utah, May 17, 2017.
- Patterson, R.K. Drip Irrigation. Homesteader Conference, West Jordan, Utah, April 22, 2017.
- Ramirez, R. and R.K. Patterson. Identifying Beneficial Insects in Alfalfa. Utah Hay & Forage Symposium, St George, Utah, January 26 – 27, 2017.
- Patterson, R.K. Boom Sprayer Maintenance and Calibration. Weber Pesticide Applicator Training, Ogden, Utah, November 16, 2016.
- Patterson, R.K. Pesticide Labels. Pesticide Applicator Training, Castle Dale, Utah, November 9, 2016.
- Patterson, R.K. Boom Sprayer Calibration. Pesticide Applicator Training. Lehi, Utah September 22, 2016.
- Patterson, R.K. Soil Health/Cover Crops. Urban and Small Farms Conference, West Jordan, Utah, February 17, 2016.
- Patterson, R.K. Russian Olive Research Results. Pesticide Applicator Training, Orem, Utah, December 2, 2015.
- Patterson, R.K. Boom Sprayer Calibration. Pesticide Applicator Training, Roosevelt, Spanish Fork and Price, Utah. November 5, 9 & 10, 2015.
- Patterson, R.K. and D.R. Worwood. Russian Olive (*Elaeagnus angustifolia*) control, research, and noxious weed control projects. Skyline Cooperative Weed Management Area project tour. Green River, Utah. September 14, 2015.
- Patterson, R.K. Russian Olive Research Results. Pesticide Applicator Training, Castle Dale, Utah, November 2, 2015.
- Patterson, R.K. and D.R. Worwood. Applicator Test Preparation. Pesticide Applicator Training, Castle Dale, Utah, May 9, 2015.
- Patterson, R.K. Irrigation Records. Irrigation Water Management Workshop. Castle Dale, Utah, March 2, 2015.
- Patterson, R.K. High Tunnel Production and Management. Castle Country Small Acreage Workshop, Price, Utah, February 21, 2015.
- Patterson, R.K. Drip Irrigation. Urban & Small Farms Conference, West Jordan, Utah, February 19, 2015.
- Patterson, R.K. Boom Sprayer Calibration. Richfield, Utah, January 22, 2015.
- Patterson, R.K. High Tunnel Construction. Small Acreage Workshop, Castle Dale, Utah, March 1, 2014.
- Patterson, R.K. A High Tunnel for High Winds and Space Utility. Urban & Small Farms Conference, Lehi, Utah, February 20, 2014.
- Patterson, R.K. Soil Health. NRCS soil health workshop, Price, Utah, February 18, 2014.
- Patterson, R.K. Irrigation Records. Irrigation Water Management Workshop, Castle Dale, Utah, January 27, 2014.
- Patterson, R.K. Noxious Weeds: What to Watch For. Utah Department of Agriculture and Food Pesticide Applicator Training, Price, Utah, November 13, 2013.
- Patterson, R.K. Boom Sprayer Calibration. Beaver, Utah, October 29, 2013.
- Patterson, R.K. and D.R. Worwood. Russian Olive (*Elaeagnus angustifolia*) control, research plot review. Skyline Cooperative Weed Management Area project tour, Price, Utah, October 2, 2013.

TEACHING ACCOMPLISHMENTS: Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc.: Agriculture/Natural Resources: (continued)

- Patterson, R.K. and D.R. Worwood. Successful Treatment of Russian Olive (*Elaeagnus angustifolia*) Year Round. Utah Partners for Conservation and Development—Southeastern Region, Summer Tour, May, Price, Utah, May 22, 2013.
- Patterson, R.K. Irrigation Records. Utah Association of Conservation Districts Irrigation Water Management Workshop, Castle Dale, Utah, March 25, 2013.
- Patterson, R.K. Doing Your Own Project in Excel. Diversified Ag Conference, Ephraim, Utah, February 22, 2013.
- Patterson, R.K. Guided Projects Using Excel. Diversified Ag Conference, Ephraim, Utah, February 22, 2013.
- Patterson, R.K. Beginning Excel. Diversified Ag Conference, Ephraim, Utah, February 22, 2013.
- Patterson, R.K. Gardening for Profit. Ephraim, Utah, January 11-12, 2013.
- Patterson, R.K. Boom Sprayer Calibration. Pesticide Applicator Training, Hurricane, Cedar City, Delta, Richfield, Roosevelt, and Castle Dale, Utah. November 7, 8, 14, 15, December 5, & 6, 2012.
- Patterson, R.K. Feed Shortage Decision Tool. Fire Response Workshop, Huntington, Utah, July 25, 2012.
- Patterson, R.K. Russian Olive Research Development. BLM/Youth Corps, Price, Utah, May 3, 2012.
- Patterson, R.K. Irrigation Records. Utah Association of Conservation Districts Irrigation Water Management Workshop, Castle Dale, Utah, April 4, 2012.
- Patterson, R.K. Irrigation Records. Utah Association of Conservation Districts Irrigation Water Management Workshop, Price, Utah, November 8, 2011.
- Patterson, R.K. Russian Olive Control. BLM/UPCD project, Price, Utah, October 25, 2011.
- Patterson, R.K. Irrigation Records. Utah Association of Conservation Districts Irrigation Water Management Workshop, Castle Dale, Utah, April 6, 2011.
- Patterson, R.K. Financial Records Analysis. Regional Diversified Agriculture Conference, Richfield, Utah, February 23, 2011.
- Patterson, R.K. Woody Plant Control. Pesticide Applicator Training, Castle Dale, Utah, November 17, 2010.
- Patterson, R.K. Irrigation Records. Irrigation Water Management Workshop, Utah Association of Conservation Districts, Price, Utah, October 7, 2010.
- Patterson, R.K. Russian Olive Control. Price River Enhancement Committee, Price, Utah, July 6, 2010.
- Patterson, R.K. Irrigation Records. Irrigation Water Management Workshop, Utah Association of Conservation Districts, Castle Dale, Utah, May 5, 2010.
- Patterson, R.K. Plant-Soil-Water Relationship. Irrigation Water Management Workshop, Utah Association of Conservation Districts, Castle Dale, Utah, May 5, 2010.
- Patterson, R.K. Pest Management Guidelines/Carbon County Pest Problems. Pesticide Applicator Training, Price, Utah, February 6, 2010.
- Patterson, R.K. Pesticide Laws. Pesticide Applicator Training, Price, Utah, November 18, 2009.
- Patterson, R.K. Irrigation Records. Irrigation Water Management Workshop, Utah Association of Conservation Districts, Price, Utah, April 23, 2009.
- Patterson, R.K. Plant-Soil-Water Relationship. Irrigation Water Management Workshop, Utah Association of Conservation Districts, Price, Utah, April 23, 2009.
- Patterson, R.K. High Tunnels. High Tunnel Workshop, Price, Utah, April 4, 2009.
- Patterson, R.K. Rural Farmers Market. Diversified Agriculture Conference, Delta, Utah. February 25, 2009.
- Patterson, R.K. AFO/CAFO Regulations. Eastern Utah Cattle Grazers Association Annual Meeting, Price, Utah, February 21, 2009.
- Patterson, R.K. Farmers' Market Opportunities. Castle Country Small Acreage Workshop, Castle Dale, Utah, February 7, 2009.
- Patterson, R.K. Season Extension Methods. Castle Country Small Acreage Workshop, Castle Dale, Utah, February 7, 2009.
- Patterson, R.K. Russian Olive Control. Pesticide Applicator Training, Castle Dale, Utah, November 18, 2008.

TEACHING ACCOMPLISHMENTS: Non-Credit Classes, Presentations, Workshops, Seminars, Invited Lectures, etc.: Agriculture/Natural Resources: (continued)

- Patterson, R.K. Irrigation Records. Irrigation Water Management Workshop, Utah Association of Conservation Districts, Castle Dale, Utah, September 30, 2008.
- Patterson, R.K. Russian Olive Control. Pesticide Applicator Training, Green River, Utah, May 20, 2008.
- Patterson, R.K. Irrigation Records. Irrigation Water Management Workshop, Utah Association of Conservation Districts, Price, Utah, May 8, 2008.
- Patterson, R.K. High Tunnels. Castle Country Small Acreage Workshop, Price, Utah, January 26, 2008.
- Patterson, R.K. Pruning. Castle Country Small Acreage Workshop, Price, Utah, January 26, 2008.
- Patterson, R.K. Irrigation Records. Irrigation Water Management Workshop, Duchesne County Conservation District, Duchesne, Utah, January 22, 2008.
- Patterson, R.K. Boom Sprayer Calibration. Pesticide Applicator Training, Green River, Utah, November 16, 2007.
- Patterson, R.K. Irrigation Records. Irrigation Water Management Workshop, Daggett County Conservation District, Manila, Utah, November 14, 2007.
- Patterson, R.K. Irrigation Records. Carbon County Economic Summit, Castleland RC&D Council, Price, Utah, September 20, 2007.
- Patterson, R.K. Boom Sprayer Calibration. Pesticide Applicator Training, Price, Utah, September 20, 2007.
- Patterson, R.K. Irrigation Records. Irrigation Water Management Workshop, Utah Association of Conservation Districts, Huntington, Utah, May 17, 2007.
- Patterson, R.K. High Tunnels. Castle Country Small Acreage Workshop, Price, Utah, February 17, 2007.
- Patterson, R.K. Russian Olive Control: Chemicals, Rates and Application Methods. Pesticide Applicator Training, Price, Utah, November 8, 2006.
- Patterson, R.K. Irrigation Records. Irrigation Water Management Workshop, Utah Association of Conservation Districts, Price, Utah, May 2006.
- Patterson, R.K. Plant-Soil-Water Relationship. Irrigation Water Management Workshop, Utah Association of Conservation Districts, Price, Utah, May 2006.
- Patterson, R.K. Financial Reports. Farm Financial Management Program, Price, Utah, May 9, 2006.
- Patterson, R.K. Entering Transactions. Farm Financial Management Program, Price, Utah, May 3, 2006.
- Patterson, R.K. Irrigation Records. Irrigation Water Management Workshop, Utah Association of Conservation Districts, Ferron, Utah, April 2006.
- Patterson, R.K. Farm Account Setup. Farm Financial Management Program, Price, Utah, April 18, 2006.
- Patterson, R.K. Introduction to QuickBooks. Farm Financial Management Program, Price, Utah, April 11, 2006.
- Patterson, R.K. Pesticide Law. Pesticide Applicator Training, Green River, Utah, February 14, 2006.
- Patterson, R.K. Weed Control on the Range. Range rehabilitation workshop and tour, Utah Partners for Conservation and Development, Price, Utah, November 10, 2005.

Community Development:

- Patterson, R.K. IPM in city plantings. Vernal, Utah, April 6, 2016.
- Patterson, R.K. Extension Programming in Carbon County. Business Expansion and Review—Carbon/Emery Counties, Price, Utah, November 14, 2013.
- Patterson, R.K. Carbon & Emery County Agriculture. Utah Department of Agriculture and Food Strengthening Community Agrosecurity Planning, Price, Utah, December 8 – 9, 2010.
- Patterson, R.K. Organizational Structure. High Desert Growers Annual Meeting, Price, Utah, January 15, 2009.

TEACHING ACCOMPLISHMENTS: (continued)**Honors and Awards:****National and Regional**

- ESP Distinguished Team Award—Discover 4-H Curriculum, 2017.
- NACAA Communication Award—Video Presentation, How to Kill Russian Olive Trees, National Finalist—National Association of County Agricultural Agents, 2014.
- NACAA Communication Award—Video Presentation, Pruning Tomatoes to Save Space, Regional Finalist—National Association of County Agriculture Agents, 2012.

Honors and Awards:**National and Regional (continued)**

- Horticulture Pre AM/PIC Workshop and Tour—National Association of County Agriculture Agents, 2012.
- Rangeland Stewardship Award for Skyline Cooperative Weed Management Area—Bureau of Land Management, 2009.
- Awards of Excellence Regional Qualifying Program for Beehive Master Beef Manager Program—Western Extension Directors, 2008.

State and Local

- SARE/NACAA Fellows Program—State Winner, 2018.
- UACAA Communication Award—TV/Video Presentation, How to Plant Beans, State Winner, 2018.
- UACAA Communication Award—Program Promotional Piece, Responsible Chicken Ownership, State Winner, 2018.
- UACAA Communication Award—Personal Column, Weeds and Pasture Management, State Winner, 2018.
- UACAA Communication Award—Fact Sheet, Aphid Natural Enemies and Biological Control, State Winner, 2017.
- ESP Distinguished Team Award—Discover 4-H Curriculum, 2017.
- UACAA Communication Award—Video Presentation, How to Kill Russian Olive Trees, State Winner, 2014.
- SARE/NACAA Fellows Program—State Winner, 2013.
- UACAA Communication Award—Video Presentation, How to Build Tomato and Cucumber Trellises, State Winner, 2013.
- UACAA Communication Award—Fact Sheet Beneficial's: Predatory Mites, State Winner, 2013.
- SARE/NACAA Fellows Program—State Winner, 2012.
- UACAA Communication Award—Fact Sheet Beneficial True Bugs: Damsel Bugs, State winner, 2012.
- UACAA Communication Award—Video Presentation, pruning tomatoes to save space, State winner, 2012.
- Specialists Association Agent Cooperator Award—Utah State University Extension, 2009.
- Web Page Contest State Winner—Utah Association of County Agriculture Agents, 2008.

SCHOLARSHIP ACCOMPLISHMENTS:**Publications, Exhibitions, Performances, Recitals:****Refereed:****Book Chapters:**

- Cardon, G. E., R.K. Patterson & R. Heflebower. 2009. Soil and Water. Chapter 2 In: *Water-Efficient Landscaping in the Intermountain West: A Professional and Do-it-Yourself Guide*. Heidi Kratch, (ed). Utah State University Press, Logan, UT. ISBN: 978-0-87421-789-6.

SCHOLARSHIP ACCOMPLISHMENTS: Publications, Exhibitions, Performances, Recitals: Refereed:
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Journals:

- Patterson, R.K., D. R. Worwood and S. Price. June 2018. Year-round control of Russian olive using the cut-stump treatment. *Journal of the National Association County Agricultural Agents*, 11(1). <https://www.nacaa.com/journal/index.php?jid=841>
- Jensen, J. C., D. Carter, R.K. Patterson, D. Rothlisberger, J. Smith & S.R. Williams. March 2012. Effectiveness of Livestock Testing in Increasing Participant Knowledge. *Journal of the National Association of County Agricultural Agents*, 5(1). <https://www.nacaa.com/journal/index.php?jid=153>
- Patterson, R. February 2011. Boom Sprayer Calibration Made Easy With an Excel Spreadsheet Program. *Journal of Extension*. <https://joe.org/joe/2011february/tt7.php>
- Patterson, R.K., & D.R. Worwood. 2010. Russian Olive Control: Herbicide Rates and Timing. *NACAA Journal*. <https://www.nacaa.com/journal/index.php?jid=49>

Extension Publications:

Utah State University Fact Sheets refereed through FastTrack:

- Price, S. & R K. Patterson. 2019. Beneficial Predators: Syrphid Flies. Utah State University. https://digitalcommons.usu.edu/extension_curall/1950/
- Patterson, R.K. & R. Ramirez. 2017. Beneficial Insects: Minute Pirate Bug. Logan Utah: Utah State University Extension. ENT-188-17PR. https://digitalcommons.usu.edu/cgi/viewcontent.cgi?article=2816&context=extension_curall
- Patterson, R.K. and R. Ramirez. 2016. Aphid Natural Enemies and biological Control. Utah State University Extension. ENT-180-16. http://digitalcommons.usu.edu/cgi/viewcontent.cgi?article=1813&context=extension_curall
- Nischwitz, C, S. H. Olsen and R. K. Patterson. 2015. Zebra chip disease of potato. Utah State University Extension Publications. PLP-22. http://digitalcommons.usu.edu/extension_curall/744/.
- Patterson, R.K. 2014. A High Tunnel for Strong Winds and Space Utility. Utah State University Extension Publications. Horticulture/High Tunnels/2014-02pr. <https://extension.usu.edu/productionhort/htm/tunnels/high-tunnel/construction-and-modification/>.
- Patterson, R.K. and D. R. Worwood. 2014. Russian olive control--cut stump treatment. Utah State University Extension Publications. Horticulture/Trees/2014-01pr http://digitalcommons.usu.edu/cgi/viewcontent.cgi?article=1797&context=extension_curall.
- Kopp, K., N. Allen and R. K. Patterson. 2013. Simple sprinkler performance testing for Carbon County. Utah State University Extension Publications. Horticulture/Turfgrass/2013-05pr. http://extension.usu.edu/files/publications/publication/Horticulture_Turfgrass_2013-05pr.pdf.
- Patterson, R.K. and S. Sagers. 2012. Choosing Digital Camera Lenses. Utah State University Extension Publications. 4H/Photography/2012-04pr. http://extension.usu.edu/files/publications/publication/4H_Photography_2012-04pr.pdf.
- Patterson, R.K. and R.A. Ramirez. 2012. Beneficial Mites: Predatory Mites. Utah State University Extension Publications. ENT-164-12PR. <http://extension.usu.edu/files/publications/factsheet/beneficials-mites.pdf>.
- Sagers, S. and R.K. Patterson. 2012. Shutter Speed in Digital Photography. Utah State University Extension Publications. 4H/Photography/2012-03pr. http://extension.usu.edu/files/publications/publication/4H_Photography_2012-03pr.pdf.
- Sagers, S. and R.K. Patterson. 2012. Aperture and Digital Photography. Utah State University Extension Publications. 4H/Photography/2012-02pr. http://extension.usu.edu/files/publications/publication/4H_Photography_2012-02pr.pdf.
- Sagers, S. and R.K. Patterson. 2012. Film Speed or the ISO. Utah State University Extension Publications. 4H/Photography/2012-01pr. http://extension.usu.edu/files/publications/publication/4H_Photography_2012-01pr.pdf.
- Sagers, S. and R.K. Patterson. 2011. Recording Proper Outdoor Lighting. Utah State University Extension Publications. 4-H/Photography/2011-03pr. http://extension.usu.edu/files/publications/publication/4-H_Photography_2011-03pr.pdf.

**SCHOLARSHIP ACCOMPLISHMENTS: Publications, Exhibitions, Performances, Recitals: Refereed:
Extension Publications: Utah State University Fact Sheets refereed through FastTrack:
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- Ramirez, R.A. and R.K. Patterson. 2011. Beneficial True Bugs: Damsel Bugs. Utah State University Extension Publications. ENT-146-11PR.
<https://extension.usu.edu/files/publications/factsheet/ENT-146-11pr.pdf>
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- Patterson, R.K., Worwood, D.R., & Dewey, S. (2008). Frill cut herbicide application for control of Russian olive. *Western Society of Weed Science Research Progress*. 144.

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Other:

Impact Statements:

- Hatch, J., J Hogge, B. Henderson, J. Sagers, R.K. Patterson, L. Nunn and R. Findlay. 2019. Managers gain insight into creating healthy and productive grazing systems. Impact Statement.

Abstracts and Proceedings:

Research Reports:

Thesis and Dissertations:

- Patterson, R.K. 1994. The Relationship Between High School Agriculture Classes and Success in Introductory Animal Science at the University of Idaho. Master of Science thesis,

Scholarly Presentations and Other Creative Activities:

Displays and Posters:

- Worwood, D.R., R.K. Patterson, C. Ransom and S. Price. September 8 – 10, 2019. Comparison of Mechanical Removal and Basal Bark Herbicide Treatments on Russian Olive Regrowth. National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference, Fort Wayne, Indiana.

SCHOLARSHIP ACCOMPLISHMENTS: Publications, Exhibitions, Performances, Recitals: Scholarly Presentations and Other Creative Activities: Displays and Posters: (continued)

- Worwood, D.R. & R.K. Patterson. July 24 – 28, 2016. Russian Olive Control Education in Utah. National Association of County Agricultural Agents Professional Improvement Conference, Little Rock, Arkansas.
- Carter, D. M., J.C. Jensen, R.K. Patterson, D.F. Rothlisberger, J.O. Smith & S.R. Williams. September 16 – 20, 2013. Utah 4-H Livestock Testing Program. Galaxy IV/National Association of Extension 4-H Agents Conference, Pittsburgh, Pennsylvania.
- Patterson, R.K. & D.R. Worwood. October 11 – 13, 2011. Effect of Time-Of-Year on Cut Stump Glyphosate Treatment of Russian Olive (*Elaeagnus angustifolia*) In East-Central Utah. Western Region County Agents Professional Improvement Conference, Kennewick, Washington.
- Patterson, R.K. & D.R. Worwood. August 8 – 9, 2011. Effect of Time-Of-Year on Cut Stump Glyphosate Treatment of Russian Olive (*Elaeagnus angustifolia*) In East-Central Utah. National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference, Overland Park, KS.

Professional Meeting Papers, Workshops:

National and Regional

- Worwood, D.R., R.K. Patterson, C.V. Ransom and S.J. Price. Comparison of Mechanical Removal and Basal Bark Herbicide Treatments on Russian Olive Regrowth. National Association of County Agricultural Agents (NACAA) Annual Meeting/Professional Improvement Conference (AM/PIC), Fort Wayne, Indiana, September 8 – 10, 2019.
- Worwood, D.R., R.K. Patterson, C.V. Ransom and S.J. Price. Comparison of Mechanical Removal and Basal Bark Herbicide Treatments on Russian Olive Regrowth. NACAA Western Region Professional Improvement Conference. Cody Wyoming. October 22 – 23, 2018.
- Patterson, R.K. and D.R. Worwood. Vegetative Reproduction in Russian Olive--Implications for Control. NACAA AM/PIC, Chattanooga, Tennessee, July 29, 2018 - August 2, 2018.
- Patterson, R.K. & D.R. Worwood. Herbicide Control for Russian Olive. Tamarisk Coalition Riparian Restoration Conference, Grand Junction, Colorado, February 7, 2018.
- Patterson, R.K. and D.R. Worwood. Comparison of Herbicide Treatments on Russian Olive. NACAA Western Region Professional Improvement Conference, Albuquerque, New Mexico October 24 – 25, 2017.
- Patterson, R.K. Encouraging Efficient Water Use Through the Water Check Program. NACAA AM/PIC, Sioux Falls, South Dakota, July 14, 2015.
- Patterson, R.K. Reaching a Broader Audience with YouTube Videos. NACAA AM/PIC, Mobile, Alabama, July 22, 2014.
- Patterson, R.K. A Do-It-Yourself High Tunnel for High Winds and Space Utility. NACAA AM/PIC, Mobile, Alabama, July 22, 2014.
- Patterson, R.K. Environmental Stewardship Through A Boom Sprayer Calibration Education Program for Utah. Galaxy IV/NACAA AM/PIC, Pittsburgh, Pennsylvania, September 16-20, 2013.
- Patterson, R.K. Successful Treatment of Russian Olive (*Elaeagnus angustifolia*) Year-Round. NACAA AM/PIC, Charleston, South Carolina, July 17, 2012.
- Patterson, R.K. A Simple and Powerful Tool to Help with Boom Sprayer Calibration Calculations. NACAA Western Region Professional Improvement Conference, Helena, Montana, September 28, 2010.
- Patterson, R.K. Russian Olive Control: Herbicide Application Methods and Timing. NACAA AM/PIC, Tulsa, Oklahoma, July 13, 2010.
- Patterson, R.K. Utah 4-H Southeast Region Ambassadors. Western Extension Leadership Development Seminar II, Park City, Utah, June 15, 2010.
- Patterson, R.K. A Simple and Powerful Tool to Help with Boom Sprayer Calibration Calculations. NACAA AM/PIC, Greensboro, North Carolina, July 15, 2008.
- Patterson, R.K. Chemical, Rates and Application Methods Used to Control Russian Olive. NACAA AM/PIC, Grand Rapids, Michigan, July 17, 2007.

SCHOLARSHIP ACCOMPLISHMENTS: Publications, Exhibitions, Performances, Recitals: Scholarly Presentations and Other Creative Activities: Professional Meeting Papers, Workshops: (continued)

State and Local

- Allen, L.N., R.K. Patterson and D.R. Worwood. Management of Drip Irrigation for Saline Soils in Utah. Utah Association of County Agricultural Agents Summer Meeting, Heber City, Utah, June 12, 2018.
- Patterson, R.K. and D R. Worwood. Vegetative Reproduction in Russian Olive—Implications for Control. Utah Association of County Agricultural Agents Summer Meeting, Heber City, Utah, June 12, 2018.
- Frame, D. and R.K. Patterson. Responsible Chicken Ownership Program. Utah State University Extension Northern Region Faculty Meeting, Kaysville, Utah May 14, 2018.
- Patterson, R.K. Pulling the Community Together with a Community Garden. Utah State University Extension Southern Region Faculty Meeting, Nephi, Utah, May 11, 2016.
- Patterson, R.K. Science Camps at the Library. Utah 4-H In-Service, St George, Utah, November 18, 2015.
- Patterson, R.K. and M.P. Memmott. USU Post-tenure Review. Utah State University Extension Southern Region Faculty Meeting, Richfield, Utah, October 14, 2015.
- Patterson, R.K. Using Excel Spreadsheets to process information. Utah State University Extension Southern Region Faculty Meeting, Richfield, Utah, May 13, 2015.
- Patterson, R.K. Grab Your Camera and Love Life. Utah 4-H In-Service, Moab, Utah, November 5, 2014.
- Patterson, R.K. Excel Program for Water Audit Calculations. Utah State University Extension Southern Region Faculty Meeting, Richfield, Utah, October 14, 2014.
- Patterson, R.K. Reaching a Broader Audience with YouTube Videos. Utah Association of County Agricultural Agents Summer Meeting, Price, Utah, June 19, 2014.
- Patterson, R.K. High Tunnels for High Winds and Space Utility. Utah State University Extension Annual Conference Best Practices, Logan, Utah, March 6, 2014.
- Patterson, R.K. Boom Sprayer Calibration Training Program. Utah Association of County Agricultural Agents Summer Meeting, Brigham City, Utah, June 14, 2012.
- Patterson, R.K. Using Excel to Create Charts and Graphs. Utah State University Extension Regional Faculty Meeting, Richfield, Utah, May 8, 2012.
- Patterson, R.K. Evaluation Summaries with MSWord and Excel. Utah State University Extension Southern Region Faculty Meeting, Richfield, Utah, October 20, 2010.
- Carter, D.M., R.K. Patterson, D.F. Rothlisberger and S.R. Williams. 4-H Livestock Testing Program. Utah State University Extension Annual Conference, Logan, Utah, March 3, 2010.
- Carter, D.M., R.K. Patterson, D.F. Rothlisberger and S.R. Williams. 4-H Livestock Testing Program. Utah 4-H State In-service, Provo, Utah, November 4, 2009.
- Patterson, R.K. & D.R. Worwood. Time-of-Year-Effects on Frill Cut Chemical Application for Russian Olive Control. Utah Association of County Agricultural Agents Summer Meeting, Beaver, Utah, June 11, 2009.
- Patterson, R.K. A Simple and Powerful Tool to Help with Boom Sprayer Calibration Calculations. Utah Association of County Agricultural Agents Summer Meeting, Tremonton, Utah, June 18, 2008.
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- McEntire, J., A.R. Moulton and R.K. Patterson. County web site development. Utah 4-H In-service, Provo, Utah, Nov. 7, 2007.
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- Worwood, D.R. and R.K. Patterson. Carbon/Emery County Irrigation Water Management Workshops. Utah Association of County Agricultural Agents 2006 Annual Summer Conference June 19, 2006. Richfield, UT.
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SCHOLARSHIP ACCOMPLISHMENTS: (continued)**Grants and Contracts Awarded:**

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- Curtis, K., C. Durward, K.M. Wagner, S. Prevedel, R.K. Patterson, C. Schaible and V.Pozo. Enhancing Direct Market Fresh Produce Sales through Multi-Market Pricing Comparisons. USDA Western RME Center, 2017, \$49,431.
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- Curtis, K., C. Durward, H.R. LeBlanc, P. Scott, S.H. Olsen, K.M. Wagner, S. Prevedel, R.K. Patterson, C. Schaible and B. Hunter. Enhancing Direct Market Fresh Produce Sales through Market-Based Price Comparisons. USDA AMS through UDAF, 2016, \$76,024.00 (not funded).
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- Patterson, R.K., R. Mills and E. Serfustini. Rural Summer Science Camps. Honda Foundation, 2015, \$65,084 (not funded).
- Serfustini, E. and R.K. Patterson. Summer 4-H Science Camps. Utah Department of Workforce Services, 2015, \$94,869 (not funded).
- Dart, C., R.K. Patterson and E. Serfustini. TANF Grant—4-H teen council development. Utah Department of Workforce Services, 2014, \$33,734.73 (\$33,734.73 spending authority).
- Ward, R., K. Wagner, M. Palmer, B. Hunter, R.K. Patterson, B. Black, D. Drost and L. Greenhalgh. "Risk Management Education Programs for Specialty Crops and Forage. USDA – Risk Management Agency, 2014, \$99,908 (not funded).
- Palmer, M., R. Ward, D. Drost, B. Black, K. Wagner, B. Hunter and R.K. Patterson. "Risk Management Education Programs for Small Farms and Other Specialty Crop Producers." USDA - Risk Management Agency Outreach Partnership Program, 2013, \$99,828.
- Patterson, R.K. UDAF Invasive Species Mitigation Funding. Utah Department of Agriculture and Food, 2012, \$7,350.00 (\$7,350.00 spending authority).
- Black, B., D. Drost & R.K. Patterson. Developing high and low-tunnel cropping systems for the Great Basin. Western SARE, 2011, \$360,973 (not funded).
- Patterson, R.K. & Skyline CWMA. Russian olive control along Price River. Utah Invasive Species Grant, 2011, (\$21,200 spending authority).
- Patterson, R.K. & Skyline CWMA. Phase II of Price River Restoration project. Utah Watershed Restoration Initiative, 2010, (\$50,000 spending authority).
- Black, B., D. Drost, & R. K. Patterson. Developing New Cropping Systems for High-elevation High Tunnels. Western SARE, 2010, \$285,877 (not funded).
- Skyline Cooperative Weed Management Area (CWMA). Huntington Canyon and bio-control at Electric Lake and Gentry Mountain weed control projects. Utah Weed Supervisors' Association, 2010, \$13,425.
- Skyline CWMA. Icelander Wash and Electric Lake weed control projects. Utah Department of Agriculture and Food, 2010, \$6,653.
- Skyline CWMA. "Cows Eat Weeds" weed control project. Utah Department of Agriculture and Food, 2010, \$15,000.
- Skyline CWMA. Buckhorn Wash re-treatment of salt cedar. State of Utah School and Institutional Trust Lands Administration, 2010, \$3,000.
- Skyline CWMA. Buckhorn Wash re-treatment of salt cedar. Utah Watershed Restoration Initiative, 2010, \$4,000.
- Patterson, R.K. Phase II of Price River Restoration project. Utah Watershed Restoration Initiative, 2009 (not funded).

SCHOLARSHIP ACCOMPLISHMENTS: Grants and Contracts Awarded: (continued)

External Funding

- Patterson, R.K. Development of Local Farmers' Market. Utah Department of Agriculture and Food Specialty Crop Block Grant, \$2,000.00, \$2,000 (\$2000.00 spending authority).
- Skyline CWMA. Emma Park and Gordon Creek weed control projects, Utah Department of Agriculture and Food—Grazing Improvement Program, 2008, \$10,422.
- Patterson, R.K. and E.J. Serfustini. Afterschool Program. Daniels Fund, 2008, \$5,000 (\$5,000.00 spending authority).
- Skyline CWMA. Order of the Arrow Boy Scouts Service Project. Utah Department of Agriculture and Food--Grazing Improvement Program, 2008, \$30,000.00.
- Skyline CWMA. Olson Pond/Scofield Projects. Utah Department of Agriculture and Food--Grazing Improvement Program, 2007, \$25,598.00.
- Skyline CWMA. Range Creek/Nine Mile Weeds. Utah Weed Supervisors' Association, 2007, \$5,000.00.
- Patterson, R.K. Farmers' Market start-up funding. Utah Department of Agriculture and Food Specialty Crops Block Grant, 2007, \$2,000.00 (\$2,000.00 spending authority).
- Skyline CWMA. Electric Lake weed control projects. Rocky Mountain Elk Foundation., 2006, \$5,000.
- Skyline CWMA. Electric Lake weed control projects. Sportsmen for Fish and Wildlife, 2006, \$9,100.
- Skyline CWMA. Weed education programs. Utah Weed Supervisors' Association, 2006, \$6,000.00.
- Skyline CWMA. Area Tamarisk Workshop and weed control education programs. Agriculture Research and Education, 2006, \$1,000.
- Skyline CWMA. Weed control projects in Skyline CWMA boundaries to include biological control, chemical, and education. Utah Weed Supervisors' Association, 2006, \$15,000.00.
- Skyline CWMA. Fish Creek weed control projects. Mani-LaSal Forest Service. 2006, \$4,500.
- Skyline CWMA. Fish Creek, Electric Lake, Range Creek, Nine-Mile Canyon, and Emma Park weed control projects. Utah Department of Agriculture and Food—Grazing Improvement Program, 2006, \$26,530.

Internal Funding

- Patterson, R.K., D. Morishita, A. West, P. Hutchinson, S. Roberts and J. Werlin. Solarization Weed Control. University of Idaho Extension Innovative Project Award, 2019, \$3,000.00 (\$3,000.00 spending authority).
- Thomas, J., J. Elkins, C. Schnepf and R.K. Patterson. Video Boot Camp. University of Idaho Extension Innovative Project Award, 2019, \$10,000.00.
- Nischwitz, C., D. Alston, M. Pace, R.K. Patterson and S.H. Olsen. Role of potassium fertilizer in Iris yellow spot virus symptom expression. Utah State University Extension, 2017, \$28,801.00.
- Patterson, R.K., D.R. Worwood and C.V. Ransom. Economics and Efficacy of Pre and Post-Treatment of Mechanically Removed Russian Olive. Utah State University Extension, 2017, \$5,548.00 (\$5,548.00 spending authority).
- Cannon, C., M. Murray, R.K. Patterson, T. Beddes, J. Gunnell, M. Pace, R.F. Heflebower, C. Schaible, S.H. Olsen and K.M. Wagner. Improving Pest Management Outreach to Vegetable Growers. Utah State University Extension, 2017, \$8,224.00.
- Allen, L., R.K. Patterson and D.R. Worwood. Management of Drip Irrigation for Saline Soils in Utah. Sponsored by USU Extension, Utah State University, 2016, \$15,525.00
- Patterson, R.K. and E.J. Serfustini. Summer 4-H Science Camps. Utah State University Extension, 2016, \$10,000.00 (\$10,000.00 spending authority).
- Patterson, R.K. Internship Grant. Utah State University Extension, 2016, \$4,000.00 (\$4,000.00 spending authority).
- Patterson, R.K. Internship Grant. Utah State University Extension, 2015, \$4,000.00 (\$4,000.00 spending authority).
- Patterson, R.K. Technology Grant: Boom Sprayer Calibration Education Program. Utah State University Extension, 2014, \$5,000.00 (\$5,000.00 spending authority).

SCHOLARSHIP ACCOMPLISHMENTS: Grants and Contracts Awarded: (continued)

Internal Funding

- Patterson, R.K. Technology Grant: Educational Video Equipment. Utah State University Extension, 2014, \$1,000.00 (\$1,000.00 spending authority).
- Patterson, R.K. Internship Grant. Utah State University Extension, 2014, \$4,000.00 (\$4,000.00 spending authority).
- Patterson, R.K. Innovation Grant: Water Auditor Training. Utah State University Extension, 2013, \$1,400.00 (\$1,400.00 spending authority).
- Patterson, R.K. Internship Grant. Utah State University Extension, 2013, \$5,000.00 (\$5,000.00 spending authority).
- Patterson, R.K. Innovation Grant: Boom Sprayer Calibration Equipment Purchase. Utah State University Extension, 2012, \$5,500.00 (\$5,000.00 spending authority).
- Patterson, R.K. Science Camps at the Library. Utah State University Extension, 2011, \$1,000.00 (\$1,000.00 spending authority).
- Patterson, R.K. Science Camps at the Library. Utah State University Extension, 2010, \$6,000.00 (\$6,000.00 spending authority).
- Patterson, R.K. and M. Jewkes. 4-H Volunteer Development: Southeast Region Ambassadors. Utah State University Extension, 2010, \$2,450.00 (\$2,450.00 spending authority).
- Patterson, R.K. Comparison of cultural and chemical treatments to deter infestations of flat headed borers in young peach trees. Utah State University Extension IPM and Sustainable Agriculture Mini-Grant, 2009, \$256.00 (\$256.00 spending authority).
- Patterson, R.K. Comparison of cultural and chemical treatments to deter infestations of flat headed borers in young peach trees. Utah State University Extension IPM and Sustainable Agriculture Mini-Grant, 2008, \$887.54 (\$887.54 spending authority).
- Patterson, R.K. Using Goats to Control Russian Olives in Native Pastures. Utah State University Extension IPM and Sustainable Agriculture Mini-Grant, 2008, \$1600.00 (\$1600.00 spending authority).
- Patterson, R.K. 4-H Volunteer Development Grant for Southeast Region Ambassadors. Utah State University Extension, 2008, \$3,905.00 (\$3,905.00 spending authority).
- Patterson, R.K. Farmers Market Development. Utah State University Extension, 2008, \$2,000.00 (\$2,000.00 spending authority).
- Patterson, R.K. and E.J. Serfustini. 4-H Volunteer Development Grant for training local volunteers. Utah State University Extension, 2006, \$3,163.70 (\$3,163.70 spending authority).

In-Kind Contributions

- Various Sponsors. Donated by Allan Sulser, Salt Lake County, Norbest LLC, USU Botanical Center, Dannon Co. Inc., Visit Salt Lake, Utah/Nevada Dairy Council, Dairy Farmers of America, and Redmond Mineral. Supplies for 2017 NACAA AM/PIC, 2017, \$18,731.08.
- Carbon School District. Facilities and utilities for 4-H Summer Science Camps. Donated by Carbon School District, 2016, \$2,500.
- Skyline Cooperative Weed Management Area. In-kind activities, equipment and supplies for weed control efforts. Donated by members of the Skyline Cooperative Weed Management Group, 2015, \$41,000.
- Price City, Helper City, Price River Water Improvement District. Mileage for Water Check Intern, 2013, \$89.
- Price City Library. Facilities and utilities for Science Camps at the Library. Donated by Price City, 2015, \$1,250.
- Skyline Cooperative Weed Management Area. In-kind activities, equipment and supplies for weed control efforts. Donated by members of the Skyline Cooperative Weed Management Group, 2014, \$39,000.
- Price City, Helper City, Price River Water Improvement District. Mileage for Water Check Intern, 2014, \$185.
- Price City Library. Facilities and utilities for Science Camps at the Library. Donated by Price City, 2014, \$1,250.
- Skyline Cooperative Weed Management Area. In-kind activities, equipment and supplies for weed control efforts. Donated by members of the Skyline Cooperative Weed Management Group, 2013, \$44,000.

SCHOLARSHIP ACCOMPLISHMENTS: Grants and Contracts Awarded: (continued)**In-Kind Contributions**

- Price City, Helper City, Price River Water Improvement District. Mileage for Water Check Intern, 2013, \$179.
- Price City Library. Facilities and utilities for Science Camps at the Library. Donated by Price City, 2013, \$1,250.
- Skyline Cooperative Weed Management Area. In-kind activities, equipment and supplies for weed control efforts. Donated by members of the Skyline Cooperative Weed Management Group, 2012, \$44,000.
- Price City Library. Facilities and utilities for Science Camps at the Library. Donated by Price City, 2012, \$1,250.
- Bureau of Land Management. Russian olive removal from upper Price River drainage, 2011, \$28,000. Cash and in-kind contribution.
- Skyline Cooperative Weed Management Area. In-kind activities, equipment and supplies for weed control efforts. Donated by members of the Skyline Cooperative Weed Management Group, 2011, \$42,000.
- Price City Library. Facilities and utilities for Science Camps at the Library. Donated by Price City, 2011, \$1,250.
- Skyline Cooperative Weed Management Area. In-kind activities, equipment and supplies for weed control efforts. Donated by members of the Skyline Cooperative Weed Management Group, 2010, \$43,000.
- Price City Library. Facilities and utilities for Science Camps at the Library. Donated by Price City, 2010, \$1,550.
- Skyline Cooperative Weed Management Area. In-kind activities, equipment and supplies for weed control efforts. Donated by members of the Skyline Cooperative Weed Management Group, 2009, \$32,000.
- Skyline Cooperative Weed Management Area. In-kind activities, equipment and supplies for weed control efforts. Donated by members of the Skyline Cooperative Weed Management Group, 2008, \$30,000.
- Boys Scouts of America Order of the Arrow. In-kind activities, and equipment for salt cedar removal service project. Donated by members of the Boy Scouts of America order of the Arrow, 2008, \$140,000.
- Skyline Cooperative Weed Management Area. In-kind activities, equipment and supplies for weed control efforts. Donated by members of the Skyline Cooperative Weed Management Group, 2007, \$31,000.
- Price City. In-kind funds for farmers' market advertisement. Donated by Price City, 2007, \$500.
- Skyline Cooperative Weed Management Area. In-kind activities, equipment and supplies for weed control efforts. Donated by members of the Skyline Cooperative Weed Management Group, 2006, \$26,400.
- Carbon County. In-kind donations from the County budget for volunteer development. Donated by Carbon County, 2006, \$2,978.

Honors and Awards:**SERVICE:****Major Committee Assignments:**

University of Idaho:

University:

College:

District/Department:

Eastern Idaho State Fair Market Livestock Committee, 2019-present

Eastern District Fall Professional Development Workshop Planning Committee, 2019-present

Third year review committee, Two faculty, 2019

SERVICE: Major Committee Assignments: (continued)

Utah State University:

University:

T&P Committee, Michael Wierda, 2018
 T&P Committee, Dallen Smith, 2018
 T&P Committee, Gaelynn Peterson, 2012–2019
 Faculty Senate—Presidential Interview Committee, 2016
 T&P Committee, Shannon Cromwell, 2011–2017
 Faculty Senate, 2011–2017
 T&P Committee, Paul Hill, 2011–2015
 T&P Committee, Nick Read, 2013–2014
 Faculty Diversity, Development, and Equity Committee, 2011–2014
 Post-tenure peer review—six faculty members, 2013

College:

Wasatch Urban Initiative Team, 2017–2018
 Diversified Agriculture Conference Committee, 2006–2016
 Extension Annual Conference Planning Committee, 2009
 Utah 4-H Portfolio Judging Committee, 2008–2009
 Utah 4-H Portfolio Revision Committee, 2008

District/Department:

Utah State Fair Swine Show, 2011–2018
 Carbon County Horse Council, 2006–2007

County:

Natural Resources Conservation Service Local Working Group, 2019 – present
 Bonneville County Fair Board, *ex officio* member, 2019–present
 Eastside Conservation District, *ex-officio* member, 2019–present
 Westside Conservation District, *ex-officio* member, 2019–present
 Bonneville County Fair Planning and Operations, 2019
 4-H Summer Camp Planning Committee, 2019
 Bonneville County Master Gardener Advisory Board, 2019
 Morgan Conservation District, 2017–2018
 Weber Conservation District, 2017–2018
 Weber River Cooperative Weed Management Area, 2017–2018
 Morgan/Summit Adaptive Resource Management Group, 2017–2018
 Community Garden—Carbon County Food Bank, 2015-2016
 Hope Festival, 2014
 Business Expansion and Retention Committee, 2012-2015
 Castle Country Beekeepers, 2010–2012
 Partners for Community Wellness Committee, 2009–2012
 Price River Enhancement Committee, 2007–2016
 Castleland Resource Conservation and Development Committee, 2006–2016
 Southeastern Utah Junior Livestock Show Committee, 2005–2016
Ad Hoc By-laws Committee, 2006–2007
 Carbon County Fair Committee, 2005–2016
 Carbon County Animal Expo Committee, Chair, 2005-2016
 Carbon County Fair Shooting Sports Committee, Chair, 2005–2014
 Utah Partners for Conservation and Development Committee, 2005–2016
 Chair, 2010–2011
 Vice-Chair, 2009–2010
 Project Ranking Committee, 2007–2010
 Castle Country Adaptive Resource Management Group, 2005–2016
 Skyline Cooperative Weed Management Area Committee, 2005–2016
 Vice-Chair, 2009–2010

SERVICE: Major Committee Assignments: (continued)

County:

Carbon/Emery Local Working Group Committee, 2005–2016
 Price, San Rafael, Muddy Rivers Watershed Council, 2005–2016
 Carbon County Weed Board, 2005–2016
 Price River Watershed Conservation District, 2005–2016
 Judge Region FFA Creed Speaking Career Development Event, 2009
 Judge Region FFA Parliamentary Procedure Career Development Event, 2009
 Price City Main Street Development Committee, 2008–2009
 Carbon County Master Plan Committee, 2007–2009
 Price Community Wildfire Council, 2007
 Carbon Economic Development Council, 2006–2009
 Irrigation Water Management Training Committee, 2005–2006

Professional and Scholarly Organizations:

Idaho Association of County Agricultural Agents 2018–present
 IACAA Eastern District Junior Director 2019–present
 Idaho Association of Extension 4-H Professionals 2018–present
 Epsilon Sigma Phi – Theta Chapter, 2018–present
 Utah State Horticulture Association, 2009–2018
 Utah Onion Association, 2017–2018
 Secretary, 2017–2018
 National Epsilon Sigma Phi, 2008–present
 Epsilon Sigma Phi - Iota Chapter, 2008–2018
 Western Extension Leadership Development, 2007
 National Association of County Agricultural Agents, 2005–present
 National Chair, Communications Awards Committee, 2019–present
 Western Region Vice-Chair, Communications Awards Committee, 2018–present
 Western Region Vice-Chair, Horticulture & Turfgrass Committee, 2012–2016
 Regional Vice Chair, Search for Excellence Committee, 2008–2012
 Nominating Committee member, 2012
 National Association of Extension 4-H Agents, 2005–present
 NAE4HA National 4-H Hall of Fame Ranking Committee, 2014–2015
 Utah Association of County Agricultural Agents, 2005–2018
 Search for Excellence Committee, Chair, 2010–2018
 2017 NACAA AM/PIC Committee for UACAA, Treasurer, 2013–2017
 Past president, 2013–2014
 President, 2012–2013
 President-elect, 2011–2012
 Secretary, 2010–2011
 Peer reviewed abstract for Summer Conference, 2011
 4-H Committee, Chair, 2007–2010
 Utah Association of Extension 4-H Workers, 2005–2018
 UAE4-HW Policies and Procedures Committee, 2005–2016
 Chairman, UAE4-HW Policies and Procedures Committee, 2008–2011
 Utah Association of Agricultural Educators, 2003–2005
 Leadership Idaho Agriculture Class, 1998
 Career and Technical Educators of Idaho, 1993–2003
 President, 2001–2003
 Board Member, 1999–2001
 Northwest Farm Management Instructors, 1997–2003
 National Association of Agricultural Educators, 1993–2005
 Idaho Vocational Agriculture Teachers Association, 1993–2003
 Association of Career and Technical Educators, 1993–2003

SERVICE: Major Committee Assignments: Professional and Scholarly Organizations: (continued)
Outreach Service:

Classes, Workshops, Seminars, Share Fairs and Tours Organized:

- Allen, M., R.K. Patterson Master Gardener Graduation, Idaho Falls, Idaho, October 3, 2019.
- Marrison, D., R.K. Patterson, M. Peronto, H. Gessner, B. Council. 2019 NACAA Communications Awards Luncheon, Fort Wayne, Indiana, September 10, 2019.
- Ruth, A., K. Weiland, R.K. Patterson. Eastern Idaho State Fair Swine Show, Blackfoot, Idaho, September 2, 2019.
- Rickman, J., R.K. Patterson. Eastern Idaho State Fair Rabbit Show, Blackfoot, Idaho, September 2, 2019.
- Ruth, A., K. Weiland, R.K. Patterson, C. Carter, L. Blanch. Bonneville County Fair, Idaho Falls, Idaho, 2019.
- Hogge, J., J. Marshall, R.K. Patterson. Grain Growers Summer Meeting, Idaho Falls, Idaho, July 18, 2019.
- Marshall, J., J. Hogge, R.K. Patterson. Cereal Crop Field Day, Idaho Falls, Idaho, July 18, 2019.
- White, D., K. Lloyd, J. Buck, K. Cernyar, N. Cates, A. Ruth, K. Weiland, H. Strupp, M. Small, R.K. Patterson. 4-H Summer Camp, Alpine, Wyoming, June 17 – 19, 2019.
- Allen, M., R.K. Patterson. Horticulture Symposium, Idaho Falls, Idaho, March 16, 2019.
- Allen, M., R.K. Patterson. Advanced Master Gardener Program, Idaho Falls, Idaho, 2019.
- Findlay, R., R.K. Patterson, J. Hatch, B. Henderson, L. Ellis. Eastern Idaho Master Gardener Program, Eastern Idaho, 2019.
- Muntz, H. and R.K. Patterson. Weber County Pesticide Applicator Training Workshop, Ogden, Utah, November 13, 2018.
- Patterson, R.K. Beginning Beekeeper workshop, Morgan, Utah, April 7, 2018.
- Patterson, R.K. Beginning Beekeeper workshop, Ogden, Utah, March 31, 2018.
- Brower, N., R. K. Patterson. Weber County Farm Field Days, elementary school field day, Weber County, Utah, October 2017–2018.
- Mortensen, N., R.K. Patterson. Morgan Baby Animal Event, two-day event, Morgan, Utah, May 2017–2018.
- Wayment, S., R.K. Patterson. Weber Dairy Days, Ogden, Utah, April 2017–2018.
- Patterson, R.K. Northern Utah DHIA Producers Meeting, 2017–2018.
- Patterson, R. K. Beef Herdsmanship School, one-evening program each year, Weber County, Utah, January 2017, December 2017.
- Patterson, R.K., K. Hoopes Horse Health Seminar, Ogden, Utah, March 9, 2017.
- Patterson, R. K. Weber/Morgan/Davis Crop Seminar, one-evening program each year, Weber County, Utah, February 21, 2017, January 23, 2018.
- Pace, M., D. Drost, R.K. Patterson. Utah Onion Association Annual Meeting, Brigham City, Utah, February 2017, 2018.
- Pace, M., B. Black, S. Olsen, R.K. Patterson, Norther Fruit Growers Annual Meeting, Brigham City, Utah, February 2017–2018.
- Frame, D., R.K. Patterson. Responsible Chicken Ownership, one-evening program taught several times each year, Weber County, Morgan County, Salt Lake County, and Utah County, Utah, October 17, 18, 2018. 2017–2018.
- Patterson R.K. Pesticide Applicator Training Workshop, Ogden, Utah, November 14, 2017.
- Patterson, R.K., L.M. Patterson. Historical tour of Castle Country Ghost Towns, Price, Utah, August 4, 2016.
- Patterson, R.K. High Tunnel Tour, Natural Resources Conservation Service, Price, Utah, May 6, 2016.
- Patterson, R.K., J.B. Anderson. Beginning Beekeeping Workshop, Price, Utah, February 24, - April 2, 2016.
- Patterson, R.K., D.R. Worwood. Small Acreage Workshop, Castle Dale, Utah, February 20, 2016.
- Patterson, R.K. Riparian Management School, Price, Utah, March 18, 2015.
- Patterson, R.K., E.J. Serfustini, K.I. Thayn. St Patrick's Day Parade, Price, Utah, March 14, 2015.
- Patterson, R.K. Master Gardener Garden Tour, Price, Utah, September 18, 2014.
- Patterson, R.K. Summer Conference, Utah Association of County Agricultural Agents, Price, Utah, June 18–20, 2014.

SERVICE: Outreach Service: Classes, Workshops, Seminars, Share Fairs and Tours Organized: (continued)

- Patterson, R.K. Right Risk Workshop, Price, Utah, March 19, 2014.
- Patterson, R.K. Castle Valley Crop School, one-evening program each year, Carbon County, Utah, 2012–2016.
- Patterson, R.K. (Presenter & Author), Service Garden Tour, "Community Service Garden Tour," USU Extension--Carbon County, Price, UT. (July 19, 2010).
- Patterson, R.K., E.J. Serfustini. 4-H Science Camps at the Library, six week-long summer science camps, Carbon County, Utah, 2009–2016.
- Patterson, R.K. (Presenter & Author), "Nine Mile Tour," Emery County 4-H, Carbon County. (August 13, 2008).
- Patterson, R.K., D.R. Worwood. Carbon/Emery Master Gardener, 20 hours of instruction each year for two years, Carbon & Emery Counties, Utah, 2007–2016.
- Patterson, R.K. High Desert Growers' Farmers' Market, weekly Saturday market mid-July – end October, Carbon & Emery Counties, Utah, 2007–2016.
- Patterson, R.K., E.J. Serfustini, K.I. Thayn. Utah 4-H Leadermete, Price, Utah, April 2007.
- Jewkes, M., R.K. Patterson, A.R. Moulton. Southeast Region Ambassadors trained 4-H Ambassadors and host 4-H retreat, Eastern Utah, 2009–2011.
- Patterson, R.K., D.R. Worwood. Skyline Cooperative Weed Management Project Tours, one-day tour each year, Carbon & Emery Counties, Utah, 2006–2017.
- Patterson, R.K., E.J. Serfustini, K.I. Thayn. Carbon Emery 4-H Summer Camp, Huntington, Utah, 2006, 2008, 2010, 2012, 2014, 2016.
- Patterson, R.K., D.R. Worwood. 4-H Livestock Care & Feed Workshop, Price & Castle Dale, Utah, 2006–2016.
- Patterson, R.K., E.J. Serfustini, K.I. Thayn. 4-H Leader Orientation, Price, Utah, 2006–2016.
- Patterson, R.K., various others. Southeastern Utah Junior Livestock Show & Sale, 2005–2016.
- Patterson, R.K. Carbon County Fair 4-H Animal Expo, Price, Utah, 2005–2016.
- Patterson, R.K., E.J. Serfustini, K.I. Thayn. 4-H Achievement Night, Price, Utah, 2005–2016.
- Patterson, R.K., E.J. Serfustini, K.I. Thayn. 4-H Portfolio Workshop, Price, Utah, 2005 – 2016.
- Patterson, R.K., Carbon County Fair 4-H Shooting Sports Event, Price, Utah, 2005 – 2014.

Miscellaneous Extension Publications:

- Allen, L. and R.K. Patterson. 4 Steps to Save Water and have a Healthier Lawn, 2019.
- Patterson, R.K. Weber – Davis – Morgan – Box Elder DHIA Evaluation Bulletin, 2017, 2018.
- Patterson, R.K., Dallin, J. Carbon County Fair 4-H General Rules. 2005 – 2016.
- Moulton, A.R. and R.K. Patterson. 4-H Portfolio Changes. Utah 4-H, 2008.
- Patterson, R.K. Ways to serve within the Carbon County 4-H Program. Price City Family Night, 2008.
- Patterson, R.K. Boondoggle Delights, 2007.
- Patterson, R.K. Certified hay and hay cubes. Back Country Horsemen – local chapter, 2006.
- Patterson, R.K. Home Pesticide Storage. Community Awareness Fair. Price city, 2005.
- Carter, D., R.K. Patterson, D. Rothlisberger, J.O. Smith, and S. Williams. Livestock Test Generator. As a team we created a livestock test generator that can be used by county extension agents throughout the state to create livestock tests, 2009.

Popular Press:**Post Register Intermountain Farm & Ranch (circulation 90,000)**

- Patterson, R.K. War on Weeds: Common mallow; get it while it's small. October 25, 2019. Issue 1419, p. 2.
- Patterson, R.K. War on Weeds: Redstem filaree; get it while it's small. October 18, 2019. Issue 1418, p. 2.
- Patterson, R.K. War on Weeds: Bull thistle is here and now is the time to wipe it out. October 11, 2019. Issue 1417, p. 2.
- Patterson, R.K. War on Weeds: Don't wait for biennials to flower in the spring. October 4, 2019. Issue 1416, p. 2.
- Patterson, R.K. War on Weeds: Get a jump on perennial weeds. September 2019. Issue 1415, p. 2.

SERVICE: Outreach Service: Popular Press: Post Register Intermountain Farm & Ranch (continued)

Patterson, R.K. War on Weeds: Fall weed control; Nip them in the bud. September 20, 2019. Issue 1414, p. 2.

Crops & Soils Magazine

Shaffer, B., G. Cardon, E. Creech, J. Banks, J. Barnhill, D. Despain, J. Gale, C. Israelsen, B. Kitchen, M. Nelson, M. Pace, R.K. Patterson & C. Reid. Revisiting past recommendations for alfalfa nitrogen crediting for corn silage following alfalfa in Utah. Crops & Soils magazine. July 2019. p. 20.

Bingham County Chronicle, Blackfoot, Idaho (circulation 2600)

Small, M. and R.K. Patterson. Sharing the Road with Patience and a Kind Smile. April 21, 2019.

The Morgan County News, Morgan, Utah (circulation 2200)

Patterson, R.K. Fall Pasture Management. November 2018.
 Patterson, R.K. Fall Weed Control. September 2018, 36th ed., vol. 95, p. 5.
 Patterson, R.K. The Year of the Grasshopper. July 13, 2018, 18th ed., vol. 95, p.6.
 Patterson, R.K. Let Nature Help You Control Your Aphid Problem. June 8, 2018, 23rd ed., vol. 95, p. 5.
 Patterson, R.K. Getting more out of your garden. April 13, 2018, 15th ed., vol. 95, p. 5.
 Patterson, R.K. Tree and shrub selection and planting guidelines. March 9, 2018, 10th ed., vol. 95, p. 10.
 Patterson, R.K. Russian olives are a serious weed. February 9, 2018, 6th ed., vol. 95, p. 4.
 Patterson, R.K. Houseplants. January 12, 2018, 2nd ed., vol. 95, p. 5.
 Patterson, R.K. Conservation Practices--Integrated Pest Management. November 10, 2017, 45th ed., vol. 94, p. 5.
 Patterson, R. K. Conservation Practices--Cover Crops. 2017, 41st ed., vol. 94.
 Patterson, R.K. Conservation Practices--Compost. September 8, 2017, 36th ed., vol. 94, p. 5.
 Patterson, R.K. Raising Chickens: Is it worth it? August 11, 2017, 32nd ed., vol. 94, p. 6.
 Patterson, R.K. Prepare your animals for fair entries. July 14, 2017, 28th ed., vol. 94, p. 4.
 Patterson, R.K. Irrigation: Increase Yield Potential, Conserve Water. June 9, 2017, 23rd ed., vol. 94, p. 4.
 Patterson, R.K. Pasture management: The key to lowering your feed bill. May 12, 2017, 19th ed., vol. 94, p. 4.
 Patterson, R.K. Get a jump on those early weeds. March 10, 2017, 10th ed., vol. 94.
 Patterson, R.K. Look for Good Bugs. February 10, 2017, 6th ed., vol. 94, p. 7.

Sun Advocate (circulation 5500)

Patterson, R.K. Home & Garden: How to protect fruit trees from Sunscald Injury. December 8, 2016. p. 3A. www.sunad.com/features/2016/12/home-garden-how-to-protect-fruit-trees-from-sunscald-injury/
 Patterson, R.K. HOME & GARDEN: Time to get your lawn ready for winter weather. October 11, 2016, p. 3A. www.sunad.com/features/2016/10/home-garden-time-to-get-your-lawn-ready-for-winter-weather/
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 Patterson, R.K. LANDSCAPE & GARDENING: Basic guidelines for spring pruning. February 18, 2016. p. 4A.
 Patterson, R.K. How to Help Your Evergreens Weather the Winter. December 10, 2015, 99th ed., vol. 124, pp. 3A.
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SERVICE: Outreach Service: Popular Press: Sun Advocate (continued)

- Patterson, R.K. Know Your Weeds: Hoary Cress or Whitetop. 2011, p. 5A.
- Patterson, R.K. Fall time to get handle on some spring weeds. 2010, 89th ed., vol. 118, pp. 11A.
- Patterson, R.K. Blossom End Rot. 2009, 77th ed., vol. 117, pp. 7A.
- Patterson, R.K. Control squash bugs to prevent plant, branch damage. 2009, 52nd ed., vol. 117, pp. 9A.
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- Patterson, R.K. Fall represents excellent time to start insect control effort for next year's growing season. 2007, 87th ed., vol. 115, pp. 9A.
- Patterson, R.K. Do your farm financial records answer the right questions? 2007, vol. Supplement, pp. 12
- Patterson, R.K. Major concern involving hobo spiders, bites continues to spread at locations across Utah. 2006, 86th ed., vol. 114, pp. 12A.
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- Patterson, R.K. The quick and dirty lesson on fertilizers. 2006, vol. Supplement, pp. 7, 13.
- Patterson, R.K. Tips for keeping your lawn green. 2006, vol. Supplement, pp. 3, 18.
- Patterson, R.K. Help your plants fight insect pests. 2006, vol. Supplement, pp. 5, 18.
- Patterson, R.K. The Business of agriculture. 2006, vol. Supplement, pp. 2, 3.
- Patterson, R.K. To prune, or not to prune. 2006, 27th ed., vol. 114, pp. 12A.
- Patterson, R.K. Gettin' ready to garden. 2006, 18th ed., vol. 114, pp. 1B, 2B.

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- Patterson, R.K. Alternative Crops. ETV 10 News: Spring Garden and Agriculture Guide. 2016, vol. Spring Garden and Agriculture Guide.
- Patterson, R.K. Choosing a Garden Site. ETV 10 News: Spring Garden and Agriculture Guide. 2016, vol. Spring Garden and Agriculture Guide.
- Patterson, R.K. Soil-The Farmer's Foundation. ETV 10 News: Spring Garden and Agriculture Guide. 2016, vol. Spring Garden and Agriculture Guide.
- Patterson, R.K. Spring Control of Aphids in Fruit Trees. ETV 10 News: Spring Garden and Agriculture Guide. 2016, vol. Spring Garden and Agriculture Guide.
- Patterson, R.K. Tree and Shrub Planting. ETV 10 News: Spring Garden and Agriculture Guide. 2016, vol. Spring Garden and Agriculture Guide.
- Patterson, R.K. Choosing a Garden Site. ETV 10 News: Spring Garden and Agriculture Guide. 2015, vol. Spring Gardening Guide.
- Patterson, R.K. Frost and Wind Protection. ETV10 News. 2015, vol. Spring Gardening Guide.
- Patterson, R.K. Grow Your Own Vegetable Garden Transplants. ETV10 News. 2015, vol. Spring Gardening Guide.
- Patterson, R.K. Saving Space in the Garden. ETV10 News. 2015, vol. Spring Gardening Guide.
- Patterson, R.K. Tender and Hardy Plants. ETV10 News. 2015, vol. Spring Gardening Guide

Interview Articles:

- Patterson, R.K. Weed tour surveys county weed population. Emery County Progress. September 19, 2017. P. 4B.
- Patterson, R.K. Standard-Examiner. A closer look and Northern Utah's 5 most wanted weeds. Standard Examiner. June 2, 2017. https://www.standard.net/lifestyle/a-closer-look-at-northern-utah-s-most-wanted-weeds/article_39580968-e789-5d55-bd8b-36410a3a8944.html
- Patterson, R.K. New ag expert to aid Morgan County in extension office. The Morgan County News. January 27, 2017, 4th ed., vol. 94, p. 4.
- Patterson, R.K. USU Extension Bids Farewell to Long-time Employee. ETV 10 News. December 8, 2016. P. 3.
- Patterson, R.K. Patterson to leave Carbon extension for Weber-Morgan. Sun Advocate. November 24, 2016, pp. 1A-2A.
- Patterson, R.K. Weed tour highlights problem areas in Green River. Emery County Progress. October 20, 2015. p. 2B.
- Patterson, R.K. Locavores note: It's National Farmers' Market Week. Sun Advocate. August 6, 2015. p. 7A.

SERVICE: Outreach Service: Popular Press: Interview Articles: (continued)

- Patterson, R.K. Price City Council Discusses Water Issues. ETV 10 News. May 21, 2015, p. 2.
- Patterson, R.K. Conserving water a vital necessity, not a nicety. Sun Advocate. April 14, 2015 30th ed., vol. 124, p. 1A.
- Patterson, R.K. Plans Underway for Annual Community Garden. ETV 10 News. February 12, 2015, 7th ed., vol. 17, p. 2.
- Patterson, R.K. Toxic plant could spread in county, board advises. Sun Advocate. 2010, 76th ed., vol. 118, p. 1A, 3A.

Media Presentations:

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- Patterson, R.K. & D.R. Worwood. Killing Russian Olives. Channel 10 ETV local television program. 2011.
- Patterson, R.K. Starting Seeds Indoors. Channel 10 ETV Style Made Simple. 2011.
- Patterson, R.K. Yard and garden irrigation. Channel 10 ETV local television program. 2010.
- Patterson, R.K. Starting Your Garden Indoors. Channel 10 ETV local television program. 2010.
- Patterson, R.K. Backyard Composting. Channel 10 ETV local television program. 2009.
- Patterson, R.K. Scouting for Insects in Your Garden. Channel 10 ETV local television program. 2009.

Web Pages:

- Website construction and management:
- Patterson, R.K. 2018. Epsilon Sigma Phi – IOTA Chapter website. <http://extension.usu.edu/ESP>.
- Patterson, R.K. UACAA Association website. 2015 – 2018. <http://extension.usu.edu/UACAA>.
- Patterson, R. K. NACAA 2017 Conference website. 2016 – 2017. <http://extension.usu.edu/nacaa2017>.
- Patterson, R.K. Carbon County Extension website. 2007 – 2016. <http://extension.usu.edu/carbon>.
- Patterson, R.K. Carbon County 4-H website. 2007 – 2016. <http://carboncounty4h.org>.
- Patterson, R.K. Eastern Idaho Technical College. Developed Farm Business Management program for online delivery. 1999 – 2002.

Applied Research/Demonstration Trials:

- Worwood, D.R., R.K. Patterson, C. Ransom & S. Price. Economics and Efficacy of Pre and Post-Treatment of Mechanically Removed Russian Olive. 2017 – 2018.
- Nischwitz, C., D.G. Alston, M. Pace, R.K. Patterson & S.H. Olsen. Role of potassium fertilizer in Iris yellow spot virus symptom expression. 2017 – 2018.
- Curtis, K., C. Durward, K.M. Wagner, S. Prevedel, R.K. Patterson, C. Schaible & V. Pozo. Enhancing Direct Market Fresh Produce Sales through Multi-Market Pricing Comparisons. 2017 – 2018.
- Creech, J.E., G. Cardon, J.V. Barnhill, J.A. Gale, C.E. Israelsen, B.M. Kitchen, R.M. Nelson, M. Pace, R.K. Patterson & C.R. Reid. Nitrogen (N) fertilizer needs of first- and second-year corn grown after alfalfa. 2016 – 2018.
- Allen, L.N., R.K. Patterson, & D.R. Worwood. Management of Drip Irrigation for Saline Soils in Utah. 2016 – 2017.
- Patterson, R.K. & D.R. Worwood. Effects of burying Russian olive roots after exposure due to mechanical removal. 2015 – present.
- Patterson, R.K. & D.R. Worwood. Russian olive root exposure and regrowth. 2015 – 2018.
- Nischwitz, C., S.H. Olsen, & R.K. Patterson. Zebra Chip Disease of Potato. 2015.
- Patterson, R.K. Aeration effects on Carbon County Soils. 2014 – 2015.
- Patterson, R.K. & D.R. Worwood. Control methods for sucker re-growth of Russian Olive trees removed mechanically with no herbicide treatment. 2014 – 2018.
- Patterson, R.K. & D.R. Worwood. Time-of-year effects on cut-stump chemical control of Russian Olive trees. 2009 – 2016.

SERVICE: Outreach Service: Applied Research/Demonstration Trials: (continued)

- Patterson, R.K. & D.G. Alston. Comparison of cultural and chemical treatments to deter infestations of flat headed borers in young peach trees. 2009 – 2011.
- Patterson, R.K. & D.R. Worwood. Using Goats to Control Regrowth of Russian Olive. 2009.
- Patterson, R.K. & D.R. Worwood. Time-of-year effects on frill-cut chemical control of Russian Olive trees. 2008.
- Patterson, R.K. & D.R. Worwood. Rates, chemical and application method for mature Russian Olive tree control. 2006.

Judging:

- Judge, Weber County Fair, 2017, 2018
- Judge, Morgan County Fair, 2017
- Judge, Fremont FFA Speaking CDE, 2017
- Judge, Emery County Fair Exhibits, 2006–2016
- Judge, Sevier County Fair Horticulture Exhibits, 2012–2015
- Judge, Carbon FFA Parli-pro CDE, 2015
- Judge, Regional FFA CDE, 2014
- Judge Uintah County Fair Exhibits, 2009
- Judge Carbon County Fair Horticulture Exhibits, 2005
- Judge Wasatch County Fair Exhibits, 2005

Review Activities:

- University of Idaho Extension FastTrack Peer Reviews
Core Aeration of Lawns – Benefits and Procedures, 2019

Utah State University Extension FastTrack Peer Reviews:

- Discover 4-H: Astronomy, 2018.
- Prevent the spread of Medusahead, 2018.
- The Curse of Medusahead, 2018.
- Discover 4-H: Geology Clubs, 2015.
- Discover 4-H: Archeology Clubs, 2015.
- Using Fruit Trees and Berries to Create an Edible Landscape, 2015.
- Weatherize and Reduce Energy Costs, 2015.
- 2015 Costs and Returns for Irrigated Alfalfa, Box Elder County, 2015.
- 2015 Costs and Returns for Non-Irrigated Safflower, 2015.
- Discover 4-H: Theatre Arts Clubs, 2014.
- Discover 4-H: Geology Clubs, 2014.
- Farm and Ranch Financial Statements, 2013.
- Importance of Pricing Fresh Produce in Direct Markets: A Farmers' Market Example, 2013.
- Importance of Pricing Fresh Produce in Direct Markets: A Farmers' Market Example, 2013.
- Importance of Pricing Fresh Produce in Direct Markets: A Utah Farmers' Market Example, 2013.
- Simple Sprinkler Performance Testing for Davis County, 2013.
- Potential for Farmers' Market Season Extension: Grower and Market Manager Viewpoints, 2012.
- UACAA Summer Conference presentation abstracts (2), 2012.
- Possibilities for Extended Season Farmers' Markets, 2012.
- Wasatch Front Mixed Vegetable Production, 2012.
- Designing a Basic PVC Home Garden Drip Irrigation System, 2012.
- High Tunnel Winter Spinach Production, 2012.
- High Tunnel Summer Squash Production, 2011.
- Direct Marketing Local Foods: CSA versus Farmers' Market Consumers, 2010.

Community Service:

- Young Men's Presidency 1st Councilor/Varsity Scout Coach, Willard 4th Ward, 2017 – 2018.
- FFA Career Development Speaking Event Judging, Fremont FFA Chapter, Plain City, Utah.
January 19, 2017.
- Carbon County Food Bank--Community Garden, Price, Utah. February 2015 - December 2016.

SERVICE: Community Service: (continued)

Castle Valley Community Theater
 President, 2015 – 2016
 Board Member, 2008 – 2016.
 Elders Quorum President, Price 3rd Ward, 2013 – 2016.
 Suicide prevention community working group, 2013 – 2015.
 July 4 4-H service project for Carbon County, 2006 – 2014.
 FFA Career Development Event Judging, Carbon FFA Chapter, Price, Utah, January 9, 2014.
 Webelos Leader, BSA Carbon District, Pack 286, 2011 – 2012.
 Painted “Buckle Up” with 4-H in business parking lots, 2011 – 2012.
 LDS Ward Executive Secretary, Price 3rd Ward, 2007 – 2011.
 Judge Junior High School Science Fair, 2007.
 Cubmaster, BSA Carbon District, Pack 286, 2006 – 2007.
 Judge Ferron Peach Day Exhibits, 2006.
 Chairman, BSA Fishlake District, Troop 634 Troop Committee, 2005,
 High School Student Science Project Mentoring, 2005.

Honors and Awards:

Contributing Master Gardener, Price City. September 2015.
 Distinguished Service Award, National Association of Extension 4-H Agents, 2013.
 Distinguished Service Award, National Association of Extension 4-H Agents. September 2013.
 Distinguished Service Award, Utah Association of Extension 4-H Workers, 2013.
 Early Career Service Award, Epsilon Sigma Phi, Iota Chapter, 2013.
 Achievement in Service Award, National Association of County Agriculture Agents, July 2010.
 Achievement in Service Award, Utah Association of County Agriculture Agents. January 2010.
 Achievement in Service Award, National Association of Extension 4-H Agents, October 24, 2009.
 Achievement in Service Award, Utah Association of Extension 4-H Workers, March 2009.

PROFESSIONAL DEVELOPMENT:**Teaching:**

University of Idaho New Faculty Seminar: Teaching for Learning, Zoom, October 18, 2019.

Scholarship:

University of Idaho New Faculty Seminar: 10 Tips for Promotion or Tenure Success, Zoom, September 27, 2019.
 University of Idaho Extension Eastern District Professional Development Workshop, Pocatello, Idaho, September 23–24, 2019.
 University of Idaho New Faculty Seminar: What I Need to Succeed, Zoom, September 20, 2019.

Outreach:

National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference, Fort Wayne, Indiana, September 8 – 12, 2019.
 Rose Propagation, Aberdeen, Idaho, August 28, 2019.
 New Employee Orientation, University of Idaho, Moscow, Idaho, August 19 – 21, 2019.
 Horticulture In-service, University of Idaho Extension, Idaho Falls and Aberdeen, Idaho, July 17 – 18, 2019.
 District Faculty Training, Rigby, Idaho, April 30, 2019.
 Impact Evaluation Workshop, Rupert, Idaho, April 24, 2019.
 Rose Pruning, Aberdeen, Idaho, April 12, 2019.
 Natural Resources Conservation Service Soil Health Workshop, Idaho Falls, Idaho, March 4, 2019.
 Utah State University Forestry Webinar: Canker Diseases, Online, April 2, 2019.
 University of Idaho Extension Annual Conference, Idaho Falls, Idaho, March 25 – 28, 2019.
 RiversEdge West Riparian Restoration Conference, Phoenix, Arizona, February 2 – 5, 2019.
 Idaho Range Livestock Symposium, Rexburg, Idaho, January 10, 2019.
 Thripps identification training, Rupert, Idaho, January 9, 2019.
 Ag Outlook Summit, Idaho Falls, December 11, 2018.
 Bonneville County Active Shooter Training, Idaho Falls, Idaho, December 7, 2018.

PROFESSIONAL DEVELOPMENT: Outreach: (continued)

Priority Extension Themes Plan of Work Development Workshop, Boise, Idaho, November 27 – 29, 2018.
 NACAA Western Region Professional Improvement Conference, Cody, Wyoming, October 22 – 23, 2018.
 Utah State University Extension Northern Region Faculty Meeting, Kaysville, Utah, October, 2018.
 National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference, Chattanooga, Tennessee, July 29 – August 2, 2018.
 National Resources Conservation Service Water Quality Field Day, Morgan, Utah, June 19, 2018.
 Utah State University Extension Agriculture Water Conservation Irrigation Workshop and Field Day, June 13 – 14, 2018.
 Utah Association of County Agricultural Agents Summer Meeting, Heber City, Utah, June 12 – 13, 2018.
 Utah State University Extension Pasture Management Field Day, North Logan, Utah, June 7, 2-18.
 Utah State University Extension Northern Region Faculty Meeting, Kaysville, Utah, May 14, 2018.
 Utah State University Extension Stock and Flock Webinar, Online, May 3, 2-18.
 Utah State University Extension Live Video Training, Kaysville, Utah, April 19, 2018.
 Utah State University Extension Dairy Robot Field Day, Logan, Utah, April 18, 2018.
 eXtension Prepping for a Healthy Fruit Harvest, Online, March 13, 2018.
 Utah State University Extension Annual Conference, Lehi, Utah, February 26 – 28, 2018.
 Utah Plant Pest Diagnostic Laboratory In-service, Lehi, Utah, February 26, 2018.
 Tamarisk Coalition Riparian Restoration Conference, Grand Junction Colorado, February 6 – 7, 2018.
 Utah State University Extension Northern Utah Fruit Growers, Brigham City, Utah, February 1, 2018.
 Utah State University Extension 7 Habits for Managers, Ogden, Utah, January 9, 2018.
 NACAA Western Region Professional Development Conference, Albuquerque, New Mexico, October 24 – 25, 2017.
 Utah State University Extension Northern Region Faculty Meeting, Kaysville, Utah, October 2017.
 National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference, Salt Lake City, Utah, July 9 – 13, 2017.
 Utah Association of County Agricultural Agents Summer Meeting, Provo, Utah, June 2017.
 Utah State University Extension Northern Region Faculty Meeting, Kaysville, Utah, May 2017.
 Utah State University Extension Annual Conference, Logan, Utah, February 28 – March 2, 2017.
 Utah 4-H In-Service, St George, Utah, November 2016.
 Utah State University Extension Northern Region Faculty Meeting, Brigham City, Utah, October 2016.
 Utah State University Extension Southern Region Faculty Meeting, Nephi, Utah, October 2016.
 National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference, Little Rock, Arkansas, July 24 – 28, 2016.
 Utah Association of County Agricultural Agents Summer Meeting, Kaysville, Utah, June 2016.
 Utah State University Extension Southern Region Faculty Meeting, Nephi, Utah, May 11, 2016.
 Utah State University Extension Annual Conference, Logan, Utah, March 1 – 3, 2016.
 Utah 4-H In-Service, St George, Utah, November 18, 2015.
 Utah State University Extension Southern Region Faculty Meeting, Richfield, Utah, October 14, 2015.
 National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference, Sioux Falls, South Dakota, July 12 – 16, 2015.
 Utah Association of County Agricultural Agents Summer Meeting, Tooele, Utah, June 10 – 11, 2015.
 Utah State University Extension Southern Region Faculty Meeting, Richfield, Utah, May 13, 2015.
 Utah State University Extension Annual Conference, Logan, Utah, March, 2015.
 Utah 4-H In-Service, Moab, Utah, November 5 – 6, 2014.
 Utah State University Extension Southern Region Faculty Meeting, Richfield, Utah, October 14, 2014.
 National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference, Mobile, Alabama, July 20 – 24, 2014.
 Utah Association of County Agricultural Agents Summer Meeting, Price, Utah, June 19 – 20, 2014.
 Utah State University Extension Annual Conference, Logan, Utah, March 5 – 7, 2014.
 Utah 4-H In-Service, November 2013.
 Utah State University Extension Southern Region Faculty Meeting, Richfield, Utah, October 2013.
 National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference/Galaxy IV, Pittsburgh, Pennsylvania, September 16 – 20, 2013.
 Utah Association of County Agricultural Agents Summer Meeting, Ephraim, Utah, June 19 – 20, 2013.
 Utah State University Extension Southern Region Faculty Meeting, Richfield, Utah, May 2013.
 Utah State University Extension Annual Conference, Logan, Utah, March 6 – 8, 2013.

PROFESSIONAL DEVELOPMENT: Outreach: (continued)

Utah 4-H In-Service, November 2012.
Utah State University Extension Southern Region Faculty Meeting, Richfield, Utah, October 2012.
NACAA Western Region Professional Development Conference, Twin Falls, Idaho, October 3 – 4, 2012.
National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference, Charleston, South Carolina, July 15 – 19, 2012.
Utah Association of County Agricultural Agents Summer Meeting, Brigham City, Utah June 14 – 15, 2012.
Utah State University Extension Southern Region Faculty Meeting, Richfield, Utah, May 8, 2012.
Utah State University Extension Annual Conference, Logan, Utah, March 2012.
Utah 4-H In-Service, Provo, Utah, 2011.
Utah State University Extension Southern Region Faculty Meeting, Richfield, Utah, October 2011.
National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference, Overland Park, Kansas, August 7 – 11, 2011.
Utah Association of County Agricultural Agents Summer Meeting, Panguitch, Utah, June 22 – 23, 2011.
Utah State University Extension Southern Region Faculty Meeting, Richfield, Utah, May 2011.
Utah State University Extension Annual Conference, Lehi, Utah, March 2 – 4, 2011.
Utah 4-H In-Service, Provo, Utah, November 2010.
Utah State University Extension Southern Region Faculty Meeting, Richfield, Utah, October 20, 2010.
NACAA Western Region Professional Development Conference, Helena, Montana, September 28 – 29, 2010.
National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference, Tulsa, Oklahoma, July 11 – 15, 2010.
Utah Association of County Agricultural Agents Summer Meeting, Cedar City, Utah, June 15 – 16, 2010.
Utah State University Extension Southern Region Faculty Meeting, Richfield, Utah, May 2010.
Utah State University Extension Annual Conference, Logan, Utah, March 1 – 3, 2010.
Utah 4-H In-Service, Provo, Utah, November 4 – 5, 2009.
Utah State University Extension Southern Region Faculty Meeting, Richfield, Utah, October 2009.
National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference, Portland, Oregon, September 20 -24, 2009.
Utah Association of County Agricultural Agents Summer Meeting, Beaver, Utah, June 11 – 12, 2009.
Utah State University Extension Southern Region Faculty Meeting, Richfield, Utah, May 2009.
Utah State University Extension Annual Conference, Logan, Utah, March 2009.
Utah 4-H In-Service, Provo, Utah, November 2008.
Utah State University Extension Southern Region Faculty Meeting, Richfield, Utah, October 2008.
National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference, Greensboro, North Carolina, July 13 – 17, 2008.
Utah Association of County Agricultural Agents Summer Meeting, Tremonton, Utah, June 18 – 19, 2008.
Utah State University Extension Southern Region Faculty Meeting, Richfield, Utah, May 2008.
Utah State University Extension Annual Conference, Logan, Utah, March 2 – 4, 2008.
Utah 4-H In-Service, Provo, Utah, November 7 – 8, 2007.
Utah State University Extension Southern Region Faculty Meeting, Richfield, Utah, October 2007.
National Association of County Agricultural Agents Annual Meeting/Professional Improvement Conference, Grand Rapids, Michigan, July 15 – 19, 2007.
Utah Association of County Agricultural Agents Summer Meeting, Vernal, Utah, June 21 – 22, 2007.
Utah State University Extension Southern Region Faculty Meeting, Provo, Utah, May 2007.
Utah State University Extension Annual Conference, Logan, Utah, March 2007.
Utah 4-H In-Service, Provo, Utah, November 2006.
Utah State University Extension Southern Region Faculty Meeting, Provo, Utah, October 2006.
Western Extension Leadership Development, various locations, 2009 – 2010.
Utah Association of County Agricultural Agents Summer Meeting, Richfield, Utah, June 19 – 20, 2006.
Utah State University Extension Southern Region Faculty Meeting, Provo, Utah, May 2006.
Utah State University Extension Annual Conference, Logan, Utah, March 5 – 7, 2006.
Utah 4-H In-Service, Provo, Utah, November 2005.
NACAA Western Region Professional Development Conference, St George, Utah, October 25 – 26, 2005.
Utah State University Extension Southern Region Faculty Meeting, Provo, Utah, October 2005.

PROFESSIONAL DEVELOPMENT: (continued)

Administration/Management:

Personnel Management Dos and Don'ts, Jerome, Idaho, June 5, 2019.

4-H County Chair Training, Zoom, May 1, 2019.

Bonneville County Payroll Training, Idaho Falls, Idaho, January 31, 2019.