

CURRICULUM VITAE

NAME

Pearson, Calvin H

ADDRESS

PHONE

(970) 858-3629

EDUCATION

BS, BRIGHAM YOUNG U

MS, OKLAHOMA STATE

Ph D, OREGON STATE U

ACADEMIC POSITIONS

1980 - 1983 Graduate Research Assistant, Oregon State University.

1980 - 1983 Graduate Teaching Assistant, Oregon State University.

1978 - 1979 Graduate Research Assistant, Oklahoma State University.

OTHER POSITIONS

1995 - Present Professor, Colorado State University.

1989 - 1995 Associate Professor, Colorado State University.

1984 - 1989 Assistant Professor, Colorado State University.

1983 - 1984 Research Associate (Post-Doc), Oregon State University.

1983 Post Doc, Oregon State University.

PUBLISHED WORKS

Refereed Journal Articles

A collection of articles to commemorate 100 years of Agronomy Journal - Preface. *Agron J*, 100, Vi-Vi.

Pearson, C. H. A hydraulic press for extracting fluids from plant tissue samples. *Industrial Crops and Products*, 29, 634-637.

Pearson, C. H. A versatile, low-cost weighing hopper for small-plot field research. *Agron J*, 105(3), 619-622.

Accurate quantification guayule resin and rubber requires sample drying below a critical temperature threshold. *Ind Crop Prod*, 43, 158-164.

Agronomic and natural rubber characteristics of sunflower as a rubber-producing plant. *Ind Crop Prod*, 31, 481-491.

Agronomy journal turns one hundred. *Agron J*, 100, 8-Jan.

Agronomy Journal turns one hundred (reprinted from *Agron J*, vol 100, pg 1-8, 2008). *Agron J*, 100, S19-S26.

An updated, automated commercial swather for harvesting forage plots. *Agron J*, 99, 1382-1388.

Associate editor's role in helping authors and upholding journal standards. *Agron J*, 98, 417-422.

Automating a Commercial Swather for Harvesting Forage Plots. *Agron J*, 86, 1131-1133.

Conservation Tillage Grain Drill for Furrow-Irrigated Cropping Systems. *Agron J*, 86, 1128-1131.

Control of Venice Mallow (*Hibiscus-Trionum*) in Corn (*Zea-Mays*) and Onions (*Allium-Cepa*). *Weed Technol*, 4, 500-504.

Double- cropping pinto bean after winter barley in western Colorado USA. *J Agricultural Science and Technology*, 4, 7-Jan.

Effects of bed width, planting arrangement, and plant population on seed yield of pinto bean cultivars with different growth habits. *J Prod Agric*, 9, 79-82.

Ethephon Application and Nitrogen-Fertilization of Irrigated Winter Barley in an Arid Environment. *Agron J*, 81, 717-719.

Ethephon Application to Spring Barley under Variable Nitrogen and Moisture Regimes. *J Fert Issues*, 6, 77-82.

Extraction of natural rubber and resin from guayule using an accelerated solvent extractor. *Ind Crop Prod*, 41, 506-510.

Pearson, C. H. How Pressure and Filter Material Affect Extraction of Sunflower Latex Rubber, Ind. *Industrial Crops and Products*, 47, 102-105.

Irrigation Outreach in Afghanistan: Exposure to Afghan Water Security Challenges. *Journal of Contemporary Water Research and Education*, 149, 33-40.

Letter from the editor. *Agron J*, 97, 343-344.

Natural rubber quantification in sunflower using an automated solvent extractor. *Ind Crop Prod*, 31, 469-475.

Nitrogen-Fertilizer Effects on Growth, Flowering, Oil Yield, and Yield Components in Meadowfoam. *Agron J*, 78, 1030-1034.

Performance of Fall-Spring and Spring-Planted Durum-Wheat in Western Colorado. *Agron J*, 86, 1054-1060.

Plant-Response to the Management of Fluid and Solid N-Fertilizers Applied to Furrow-Irrigated Corn. *Fert Res*, 37, 51-58.

Popping and yield characteristics of nuna bean lines developed for temperature climates. *Agron J*, 104, 1574-1578.

Production of hybrid poplar under short-term, intensive culture in Western Colorado. *Ind Crop Prod*, 31, 492-498.

Registration of 'Hayden' wheat. *Crop Sci*, 41, 925-926.

- Registration of 'Riley' winter canola. *J of Plant Registrations*, 6, 3-Jan.
- Registration of 3 Germplasm Lines of Pinto Bean. *Crop Sci*, 31, 1100-1101.
- Registration of Arapaho Pinto Bean. *Crop Sci*, 35, 1511-1512.
- Registration of Bill-Z Pinto Bean. *Crop Sci*, 29, 488-488.
- Registration of Fisher Pinto Bean. *Crop Sci*, 35, 1511-1511.
- Response of Seed Yield and Yield Components in Mixtures of Dry Edible Bean. *Field Crop Res*, 33, 283-292.
- Seed Size and Planting Depth Effects on Emergence and Yield of Pinto Bean. *J Prod Agric*, 5, 103-106.
- Standard operating protocol for growing transgenic sunflower plants in contained environments. *Online Crop Management doi:101094/CM-2008-0910- 01-PS*.
- Surface residue and soil clods during furrow irrigation under simulated conditions. *J Sustain Agr*, 12, 21-May.
- Pearson, C. H., Williams, M. The Potential of Opuntia Cactus as a Biomass Source in the Intermountain West. *Native Plants Journal*.
- Untitled. *Agron J*, 95, 231-232.
- Venice mallow (*Hibiscus trionum*) seed production and persistence in soil in Colorado. *Weed Technol*, 10, 22-28.
- Winter wheat planting date effect on Russian wheat aphid (Homoptera). *J Kansas Entomol Soc*, 69, 302-309.
- Pearson, C. H., Atucha, A. F. (2015). Agricultural Experiment Stations and Branch Stations in the United States. *Natural Sciences Education*, 44, 1-6.
- Pearson, C. H., Brummer, J. E., Beahm, A., Hansen, N. C. (2014). Kura Clover Living Mulch Cropping System in Furrow-Irrigated Corn in the Intermountain West. *Agronomy Journal*, 106, 1324-1328.
- Brick, M. A., Schwartz, H. F., Ogg, J. B., Johnson, J. J., Judson, F. M., Pearson, C. H. (2002). Registration of 'Shiny Crow' black bean. *Crop Sci*, 42, 1751-1752.
- Brick, M. A., Wood, D. R., Schwartz, H. F., Pearson, C. H., Ogg, J. B., Ballarin, N., Shanahan, J. F. (1995). Registration of Arapaho Pinto Bean. *Crop Sci*, 35, 1511-1512.
- Fisher, A. G., Brick, M. A., Wood, D. R., Stack, M., Schwartz, H. F., Ogg, J. B., Pearson, C. H., Shanahan, J. F., Ballarin, M. (1995). Registration of Fisher Pinto Bean. *Crop Sci*, 35, 1511.
- Wood, D. R., Ballarin, M., Schwartz, H. F., Brick, M. A., Pearson, C. H. (1989). Registration of Bill-Z Pinto Bean. *Crop Sci*, 29, 488.

Refereed Chapters in Books

- Pearson, C. H. (2015). Native grasses for biomass production at high elevations. In Von Mark Z. Cruz and David A. Dierig (Ed.), *Industrial Crops: Breeding for Bioenergy and Bioproducts* (pp. 101-132). New York: Springer.

Non-Refereed Journal Articles

2008 National winter canola variety trial, Fruita CO. *Report of Progress 1009*, M Stamm and Cynthia La Barge (senior authors), Kansas State Univ, Agricultural Experiment Station and Cooperative Extension Service Manhattan, KS, 43-44.

Non-Refereed Chapters in Books

Pearson, C. H., Larson, S., Keske, C., Jensen, K. *Native Grasses for Biomass Production at High Elevations*. Springer.

2010 Research Project Initiated in 2010 on Biomass and Bioenergy in Western Colorado. Western PhytoWorks (Ramesh Pokharel, ed) Spring 2010. Newsletter of the Western Colorado Research Center, Agricultural Experiment Station, Colorado State University.

AGVA Units to be Evaluated in 2010 at WCRC-Fruita. Western PhytoWorks (Ramesh Pokharel, ed) Spring 2010 Newsletter of the Western Colorado Research Center, Agricultural Experiment Station, Colorado State University.

Alfalfa Continues to be a Valuable Crop for Western Colorado. Western PhytoWorks (Ramesh Pokharel, ed) Spring 2009.

Alfalfa Introduction (pp. 91). Intermountain Grass and Legume Forage Production Manual, 2nd edition Colorado State University, Agricultural Experiment Station and Extension, Technical Report TR11-02 Fort Collins, Colorado.

An automatic gate valve actuator for gated pipe to increase efficiency of furrow irrigation. Progress Report, September 30, 2011.

Co-establishment of legumes and corn in a living mulch cropping system under furrow irrigation (pp. 19-Oct). Western Colorado Research Center 2009 Research Report Colorado State University, Agricultural Experiment Station and Extension, Technical Report 10-07 Fort Collins, Colorado.

Competitive Grant Funds Living Mulch Research Project. Western PhytoWorks (Ramesh Pokharel, ed) Spring 2008 Newsletter of the Western Colorado Research Center, Agricultural Experiment Station, Colorado State University.

Developing low-input, high-biomass, perennial cropping systems for advanced biofuels in the Intermountain West: Sun Grant Initiative. Presented at the 2012 National Conference Science for Biomass Feedstock: Production and Utilization October 2- 5, 2012, New Orleans, LA; <http://sungrant.tennessee.edu/NatConference/ConferenceProceedings/ENERGY+CROP+PRODUCTION.htm>

Evaluation of teff as an alternative crop for western Colorado 2008 (pp. 17-20). Western Colorado Research Center 2008 Research Report Colorado State University, Agricultural Experiment Station and Extension, Technical Report TR09-12 Fort Collins, Colorado.

Fall-planted malting barley at Fruita, Colorado 2008 (pp. 10-Jul). Western Colorado Research Center 2008 Research Report Colorado State University, Agricultural Experiment Station and Extension, Technical Report TR09-12 Fort Collins, Colorado.

Fertilizer Prices Skyrocket : What Should I do?. Western PhytoWorks (Ramesh Pokharel, ed) Spring 2008

Newsletter of the Western Colorado Research Center, Agricultural Experiment Station, Colorado State University.

Field performance of oat varieties at Fruita, Colorado 2009-2010 (pp. 13-19). Western Colorado Research Center 2010 Research Report Colorado State University, Agricultural Experiment Station and Extension, Technical Report TR11-11 Fort Collins, Colorado.

From the Foundation of Tradition to the Breakthrough of Innovation, We Invest in Agriculture. Colorado State University.

Harvest (pp. 163-175). Intermountain Grass and Legume Forage Production Manual, 2nd edition Colorado State University, Agricultural Experiment Station and Extension, Technical Report TR11-02 Fort Collins, Colorado.

Intermountain Grass and Legume Forage Production Manual (2nd edition). Agricultural Experiment Station and Extension, Colorado State University, Technical Bulletin TB11-02 Fort Collins, Colorado.

Intermountain Grass and Legume Forage Production Manual recently published (pp. 4-Jan). Western PhytoWorks (Stephen D Menke, ed) Spring 2012 Newsletter of the Western Colorado Research Center, Agricultural Experiment Station, Colorado State University.

Local Weather Data Available on the Internet (pp. 2). Western PhytoWorks (Ramesh Pokharel, ed) Spring 2001; Newsletter of the Western Colorado Research Center, Agricultural Experiment Station, Colorado State University.

Management of Alfalfa Forage Trials Changed during 2009. Western PhytoWorks (Ramesh Pokharel, ed) Fall 2009 Newsletter of the Western Colorado Research Center, Agricultural Experiment Station, Colorado State University.

Nitrate poisoning of livestock (pp. 5). Western PhytoWorks (Ramesh Pokharel, ed) Winter 2011-2012 Newsletter of the Western Colorado Research Center, Agricultural Experiment Station, Colorado State University.

Organic production of alfalfa and grass (pp. 177-184). Intermountain Grass and Legume Forage Production Manual, 2nd edition Colorado State University, Agricultural Experiment Station and Extension, Technical Report TR11-02 Fort Collins, Colorado.

Performance of fall-planted malting barley at Fruita, Colorado 2008-2009 (pp. 20-27). Western Colorado Research Center 2009 Research Report Colorado State University, Agricultural Experiment Station and Extension, Technical Report TR10-07 Fort Collins, Colorado.

Seed yield, oil content, and oil yield of sunflower at Fruita, Colorado (pp. 16-Nov). Western Colorado Research Center 2008 Research Report Colorado State University, Agricultural Experiment Station and Extension, Technical Report TR09-12 Fort Collins, Colorado.

Stand establishment (irrigated and dryland) (pp. 111-119). Intermountain Grass and Legume Forage Production Manual, 2nd edition Colorado State University, Agricultural Experiment Station and Extension, Technical Report TR11-02 Fort Collins, Colorado.

The impact of field evaluations of alfalfa breeding material at the Western Colorado Research Center at Fruita 1995-2010 (pp. 12-Aug). Western Colorado Research Center 2010 Research Report Colorado State University, Agricultural Experiment Station and Extension, Technical Report TR11-11 Fort Collins, Colorado.

The impact of field evaluations of corn grain breeding material at the Western Colorado Research Center at

Fruita 2007-2010 (pp. 20-26). Western Colorado Research Center 2010 Research Report Colorado State University, Agricultural Experiment Station and Extension, Technical Report TR11-11 Fort Collins, Colorado.

Variety selection and budget (pp. 93-109). Intermountain Grass and Legume Forage Production Manual, 2nd edition Colorado State University, Agricultural Experiment Station and Extension, Technical Report TR11-02 Fort Collins, Colorado.

Weed control in alfalfa (pp. 149-162). Intermountain Grass and Legume Forage Production Manual, 2nd edition Colorado State University, Agricultural Experiment Station and Extension, Technical Report TR11-02 Fort Collins, Colorado.

Western Colorado alfalfa variety performance test at Fruita 2008 (pp. 25-29). Available at <http://www.csucrops.com> (verified 31 Jan 2008).

Western Colorado alfalfa variety performance test at Fruita 2009. Available at <http://www.csucrops.com/alfalfa.html> (verified 1 Jan 2010).

Western Colorado alfalfa variety performance test at Fruita 2009. Online: <http://www.csucrops.com/alfalfa.html>.

Western Colorado alfalfa variety performance test at Fruita 2010. Available at <http://www.csucrops.com/alfalfa.html> (verified 1 Jan 2011).

What is second generation biofuel (pp. 3-Feb). Western PhytoWorks (Ramesh Pokharel, ed) Winter 2011-2012 Newsletter of the Western Colorado Research Center, Agricultural Experiment Station, Colorado State University.

Wheat Prices Entice Spring Plantings. Western PhytoWorks (Ramesh Pokharel, ed) Spring 2008 Newsletter of the Western Colorado Research Center, Agricultural Experiment Station, Colorado State University.

Winter canola variety performance trials at Fruita, Colorado 2005-2008 (pp. 21-24). Western Colorado Research Center 2008 Research Report Colorado State University, Agricultural Experiment Station and Extension, Technical Report TR09-12 Fort Collins, Colorado.

Pearson, C. H. *Winter wheat variety performance test at Hayden, Colorado 2009*. Online: <http://www.csucrops.com/wheat.html>.

Winter wheat variety performance trial at Fruita, Colorado 2008 (pp. 25-29). Western Colorado Research Center 2008 Research Report Colorado State University, Agricultural Experiment Station and Extension, Technical Report TR09-12 Fort Collins, Colorado.

Pearson, C. H. (2013). *2009 National winter canola variety trial Fruita, CO* (pp. 34-35). Report of Progress 1026 Kansas State Univ, Agricultural Experiment Station and Cooperative Extension Service Manhattan, KS ; M Stamm and Cynthia La Barge (senior authors).

AES Report/Bulletin

Pearson, C. H. Applying Biostimulant Products in Pasture in Western Colorado 2011-12. In Calvin H. Pearson (Ed.), *Western Colorado Research Center 2013 Annual Report, TR13-05* (vol. TR13-05, pp. 13-29). Fort Collins: Colorado State University.

Pearson, C. H., Bauder, T. A., Wardle, E. M. *Conservation Tillage under Furrow Irrigation*. AES Technical Report.

Pearson, C. H. Roundup-Ready Soybean Variety Performance Trial and Number of Seed Rows on a Bed at Fruita, CO 2013. In Calvin H. Pearson (Ed.), *Western Colorado Research Center 2013 Annual Report* (vol. TR13-05, pp. 36-45). Colorado State University.

Pearson, C. H. Winter Wheat Variety Performance Trial at Hayden, Colorado 2012. In Calvin H. Pearson (Ed.), *Western Colorado Research Center 2013 Annual Report* (vol. TR13-05, pp. 30-35). Colorado State University.

CE Report/Bulletin/Factsheet

Hammon, B. W., Pearson, C. H. *Managing Western Whorled Milkweed*. Colorado State University Extension.

Pearson, C. H. (2014). *Managing Western Whorled Milkweed* (Fact Sheet No. 6.111 ed.). Fort Collins, CO: CSU Extension.

Letter of Recommendation

Pearson, C. H. (2014). *Letter of Recommendation for former summer intern*. Letter of MD Anderson - Discover System.

Newsletter

Jones, L., Brummer, J. E., Pearson, C. H., Berrada, A. In Calvin H. Pearson (Ed.), *Agronomic responses to partial and full season fallowing of alfalfa and grass hayfields* (Winter 2013 ed., pp. 2). Colorado State University.

Pearson, C. H. How do I decide what research to conduct? *Western PhytoWorks, winter 2013* (vol. Winter 2013, pp. 3-4). Grand Junction, CO: Colorado State University.

Pearson, C. H. Irrigation Workshop Taught in Afghanistan by CSU Experts. In Calvin Pearson (Ed.), *Western PhytoWorks, spring 2013 issue* (vol. Spring 2013, pp. 8,10). Grand Junction, CO: Colorado State University.

Pearson, C. H. Research Plot Combines Donated to the Western Colorado Research Center at Fruita. In Calvin H. Pearson (Ed.), *Western PhytoWorks, Spring 2013 issue* (vol. Spring 2013, pp. 6-7). Colorado State University.

Pearson, C. H. (2014). Blunt ear syndrome alert. In Calvin H. Pearson (Ed.), *Newsletter of the Western Colorado Research Center, Agricultural Experiment Station, Colorado State University*. (Winter 2014 ed., vol. Winter 2014, pp. 6). Grand Junction, CO: Western Colorado Research Center. aes.wrcr-agsci/colostate.edu

Pearson, C. H. (2014). The purpose and value of agricultural burning. In Calvin H. Pearson (Ed.), *Newsletter of the Western Colorado Research Center, Agricultural Experiment Station, Colorado State University*. (Winter 2014 ed., vol. Winter 2014, pp. 4-5). Grand Junction: Western Colorado Research Center. aes-wrcr.agsci/colostate.edu

Pearson, C. H. (2014). Subsurface drip irrigation in alfalfa in western Colorado. In Calvin H. Pearson (Ed.), *Spring 2014. Newsletter of the Western Colorado Research Center, Agricultural Experiment Station, Colorado State University*. (vol. Spring 2014, pp. 2,7). Grand Junction: Western Colorado Research Center. aes-wrcr.agsci/colostate.edu

Jones, L., Brummer, J. E., Pearson, C. H., Berrada, A. (2013). *Agronomic responses to partial and full season fallowing of alfalfa and grass hayfields* (vol. Winter, pp. 2). Fort Collins, CO: Western PhytoWorks (Calvin H. Pearson, ed.). Newsletter of the Western Colorado Research Center, Agricultural Experiment Station,

Colorado State University.

Research Report

Pearson, C. H. (2014). In Mike Stamm and Scott Dooley (Ed.), *2014 National Winter Canola Variety Trial* (vol. Report of Progress 1098, pp. 25-26). Manhattan, Kansas: Kansas State University.

Research report to Buckley Air Force Base

Pearson, C. H. *Short grass prairie soil and vegetation investigation on Buckley Air Force Base, Colorado*. Report submitted to Buckley Air Force Base via US Fish & Wildlife Services.

Software

Pearson, C. H., Hoag, D. L. K. (2014). *Western Colorado Perennial Grass and Biomass Budget Generator*. (vol. TR14-03). Fort Collins: Agricultural Experiment Station and Extension.

Technical Report

Pearson, C. H. (2014). *Enhancing Sustainability of Alfalfa Production Using Biological Products* (vol. TR14-06, pp. 26-36). submitted as an industry report to Bio-tec solutions..

Pearson, C. H. (2014). Using subsurface drip irrigation in alfalfa in western Colorado. *Western Colorado Research Center 2013 Research Report* (vol. TR14-06, pp. 14-25). Fort Collins, CO: Agricultural Experiment Station.

Pearson, C. H. (2014). *Western Colorado Perennial Grass and Biomass Budget Generator* (TR14-03 ed., vol. TR14-03). Fort Collins, CO: CSU Agricultural Experiment Station.

PERFORMANCES, EXHIBITS, PRODUCTIONS (Visual/Performing Arts):

2012, Registration of 'Riley' winter canola.

PAPERS PRESENTED/SYMPOSIA/INVITED LECTURES/PROFESSIONAL MEETINGS/WORKSHOPS

November 7, 2014, "Agronomic Responses to Partial and Full Season Fallowing of Alfalfa and Grass Hayfields", CWI Advisory Board Meeting, Colorado Water Institute, (Presenter) Brummer, J. E., Denver, Colorado.

November 4, 2014, "Canola Variety Performance Trials in the Grand Valley of Western Colorado", 2014 ASA-CSSA-SSSA Annual Meetings in Long Beach, California., ASA-CSSA-SSSA, (Presenter) Pearson, C. H., Long Beach, CA.

February 4, 2013, "How the Western Colorado Research Station Functions", 2013 RCAS Winter Meeting, Research Center Administrator's Society, Orlando, FL.

January 7, 2013, "Winter Wheat Variety Trials at Hayden, Colorado", CWAC Grower Meeting, Colorado Wheat Administrative Committee, Hayden, Colorado.

2012, "Advantages and Disadvantages of Living Mulches in Cropping Systems. Powerpoint presentation at the Western Slope Soil Health Conference. February 6-8, 2012, Montrose, Colorado".

2012, "Calvin H. Pearson, Catherine Keske, Ron Follett, Ardell Halvorson, Steve Larson, and Andrew Brandess. 2012. Developing Low-Input, High-Biomass, Perennial Cropping Systems for Advanced Biofuels in the Intermountain West. October 3, 2012. 2012 National Conference: Science for Biomass Feedstock Production and Utilization, New Orleans, LA.", peer-reviewed/refereed.

2012, "Calvin H. Pearson. 2011. Winter Wheat results and soil sampling and cropping systems for Northwest Colorado. January 9, 2012. Hayden, Colorado."

2012, "Keske, Catherine, Andrew Brandess, Dana Hoag, and Calvin Pearson. Economic Feasibility of Bio-Butanol on Marginal Agricultural Lands in Western Colorado. Poster presentation at the Agricultural & Applied Economics Association Annual Meeting, Seattle, WA. August 12-14, 2012. Calvin Pearson attended the meeting to support and assist the graduate student presentation.", peer-reviewed/refereed.

2012, "Pearson, Calvin H. Developing Low-Input, High Biomass, Perennial Cropping Systems: sustainable biomass resources for western Colorado. Wednesday, April 18, 2012. International Biomass Conference, Denver, CO.", peer-reviewed/refereed.

2012, "Pearson, Calvin. 2012. Weed Control. November 27, 2012. Western Colorado Community College, Grand Junction, CO."

2012, "Pearson, Calvin. Agronomic Research at the Western Colorado Research Center at Fruita. Presented at the Irrigation Workshop in Kabul, Afghanistan. July 2012."

2012, "Pearson, Calvin. Best Management Practices. Presented at the Irrigation Workshop in Kabul, Afghanistan. July 2012."

2012, "Pearson, Calvin. Irrigation and irrigation water measurement at the

Western Colorado Research Center at Fruita. Presented at the Irrigation Workshop in Kabul, Afghanistan. July 2012."

2012, "Pearson, Calvin. Outreach Activities for the Agriculturist. Presented at the Irrigation Workshop in Kabul, Afghanistan. July 2012."

2012, "Producing Biofuel Locally in Western Colorado. Speaker at the Ag Production Workshop. Tuesday, March 6, 2012, Grand Junction, CO."

October 3, 2012, "Developing low-input, high-biomass, perennial cropping systems for advanced biofuels in the Intermountain West", New Orleans, LA, peer-reviewed/refereed.

2011, "Beahm, A.T., J.E. Brummer, C.H. Pearson, and N.C. Hansen. 2011. Living mulches for irrigated corn and soybeans in the semi-arid West. In: Abstr. Book, Institute for Livestock and the Environment 4th Ann. Stakeholder Summit, Nov. 17, 2011, Fort Collins, CO."

2011, "Pearson, C.H. Developing Sustainable Biomass Resources in Western Colorado Biomass Rifle, Colorado Biomass to Biofuel Symposium March 24, 2011".

2011, "Pearson, Calvin. Bringing Biofuels to Western Colorado Farms. 2011 Ag Production Workshop. March 8, 2011. Delta, Colorado"

2010, "Beahm, A.T., J.E. Brummer, C.H. Pearson, and N.C. Hansen. 2010. Living Mulches for Irrigated Corn and Soybeans in the Semi-Arid West".

2010, "Pearson, C.H. and M. Williams. 2010. Developing Low-Input, High Biomass, Perennial Cropping Systems to Support a Bioenergy Economy on Marginal Land in the Intermountain West".

2010, "Pearson, C.H. and M. Williams. 2010. Biobutanol-The Second Generation Biofuel".

2010, "Pearson, C.H., 2010. Agronomic Research in Western Colorado".

2010, "Pearson, C.H., 2010. Sixty-Two Years of Agronomic Research in Western Colorado at the Western Colorado Research Center".

2010, "Pearson, C.H., 2010. Winter Wheat Variety Trials at Hayden, Colorado. January 18, 2010. Hayden, Colorado."

2010, "Pearson, C.H., J.E. Brummer, and A.T. Beahm. 2010. Corn Production Using Living Mulch Cropping Systems".

2010, "Pearson, C.H.. What's New in Ag Research for Western Colorado in 2010. Powerpoint Presentation. 2010 Ag Production Workshop. March 4, 2010."

OTHER ACTIVITIES/ACCOMPLISHMENTS – PUBLICATIONS/SCHOLARLY RECORD

(December 4, 2013). Research Collaboration Meeting, CSU and CMC, Rifle, CO. Approximate Number of Hours Spent Per Year: 10.

(October 10, 2013). Meeting to discuss CSU livestock industry in western Colorado, "Meeting to discuss CSU livestock industry in western Colorado," CSU/AES, Grand Junction, CO. Number of Credit Hours: 0. Approximate Number of Hours Spent Per Year: 4.

(February 19, 2013). Continuing Education Program, "2013 Pest Management Workshop," Tri-River Area Extension, Grand Junction, CO. Number of Credit Hours: 4. Approximate Number of Hours Spent Per Year: 8.

(February 28, 2014 - December 2020). Certificate of Completion, DOT Short Haul Training.

EXTENSION/ENGAGEMENT ACTIVITIES/ACCOMPLISHMENTS

Field Tour

Field Tour of WCRC-Fruita Field Research. Fruita, CO. Number of times program was made: 1. Total number of participants: 5. Percent Responsible: 100%. 4th Quarter 2014.

Field tour of alfalfa research

Field tour of current alfalfa research at WCRC-Fruita. Fruita, CO. Number of times program was made: 1. Total number of participants: 5. Percent Responsible: 100%. 3rd Quarter 2014.

Field Day

Hay, Corn, and Cattle. Fruita, CO. Number of times program was made: 1. Total number of participants: 40. Percent Responsible: 25%. 3rd Quarter 2014.

Colorado Western Slope Water Efficient Field Tour. Fruita, CO. Number of times program was made: 1. Total number of participants: 7. Percent Responsible: 50%. 2013.

Extension/AES Fall Farm Tour, Western Colorado Regional Extension Agents. Fruita, CO. Number of times program was made: 1. Total number of participants: 20. Percent Responsible: 90%. 2013.

Field Tour for the Salinity Forum, Ag officials from across Colorado. Fruita, CO. Number of times program was made: 1. Total number of participants: 90. Percent Responsible: 50%. 2013.

Planting of Grass Demonstration plots

Planting of Extension Demonstration plots. Hotchkiss, Colorado. Number of times program was made: 2.

Total number of participants: 4. Percent Responsible: 25%. Full Year 2014.

Presentation

Winter Wheat Variety Trials at Hayden, Colorado. hayden, Colorado. Number of times program was made: 1. Total number of participants: 15. Percent Responsible: 20%. 1st Quarter 2014.

Invited lecture at CMU, Undergraduate students. Fruita, CO. Number of times program was made: 1. Total number of participants: 8. Percent Responsible: 100%. 2013.

Colorado WCRC- Fruita Update, local ag community. Delta,, CO. Number of times program was made: 1. Total number of participants: 50. Percent Responsible: 100%. 2013.

Workshop

Western Region Meeting. Montrose, Colorado. Number of times program was made: 1. Total number of participants: 40. Percent Responsible: 0%. 2nd Quarter 2014.

COMMITTEES

Western Forage Conference call, (March 2014 - May 2014).

WCRC Manager Search, (February 8, 2013 - June 1, 2013).

Search Committee for Regional Water Specialist, (January 1, 2013 - May 25, 2013).

Regional Extension Ag Economist Interview Committee, (July 22, 2014 - July 23, 2014).

WCRC - Fruita, (May 1, 2013 - October 30, 2013).

WCRC - Fruita, (May 1, 2013 - August 1, 2013).

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

American Society of Agronomy.

Association for the Advancement of Industrial Crops.

Bean Improvement Committee.

Council for Agricultural Science and Technology.

Native Plant Society.

You Tube video. (July 1, 2013).

Member, AFRI Bioenergy CAP Panel Final Panel.

African Journal of Agricultural Research, AJAR-11-2222.

Agricultural Experiment Station, Fort Collins, CO.

Agroforestry Systems.

American Association for the Advancement of Industrial Crops, Fort Collins, CO, CO.

Member, American Society of Agronomy.

Member, Association for the Advancement of Industrial Crops.

Member, Bean Improvement Committee.

Reviewer, Ad Hoc Reviewer, California Department of Food and Agriculture, Fertilizer Research and Education Program.

Canadian Journal of Plant Science Manuscript ID CJPS2012-038.

College of Ag Sciences, Fruita, CO.

Colorado Seed Growers Association.

Colorado State University - Extension, Grand Junction, Colorado, CO.

Crop Management manuscript CM-RS-11-0117.R1.

Crop Management manuscript CM-RS-11-0121.R1.

Crop Management manuscript CM-RV-11-0153.

Crop Management manuscript CM-RV-12-0028.

CSU Extension, Olathe, CO.

CSU-USDA, Fruita, CO.

Department of Energy, Fruita, CO.

Member, Dept Head search.

During early 2011, I designed and had made a pull-up display that was made by a business in Grand Junction. We have the pull-up display set up in our conference room and we have used it for tours and workshops.

Evaluator.

Reviewer, Ad Hoc Reviewer, Extension article - Guide for Producing Dryland Camelina in Easter Colorado by Nicolas Enjalbert and Jerry Johnson.

Reviewer, Ad Hoc Reviewer, Extension article.

Flux Farm Foundation.

Reviewer, Ad Hoc Reviewer, In house review - Rechel alfalfa manuscript.

Industrial Crops and Products.

International Biomass Conference.

Member, Member of search committee for faculty position at Colorado Mountain College at Rifle.

Member, Native Plant Society.

Pakistan/USAID, Fruita, CO.

Plant Management Network - CM-RS-11-0139.

Plant Management Network - CM-RS-11-0117.

Plant Management Network - CM-RS-11-0121.

Plant Management Network - CM-RS-11-0153.

Plant Management Network CM-RS-10-0019.

Editor, Associate Editor, Plant Management Network/Crop Management.

Editor, Associate Editor, Plant Management Network/Crop Management.

Member, Research Associate Position at WCRC - Fruita.

Research Center Administrator's Society, Peoria, IL.

Member, Search for Tenure-Track Faculty position at WCRC for fruit position.

Senator Mark Udall, Grand Junction, CO.

Reviewer, Ad Hoc Reviewer, Sindh Agriculture University - Pakistan.

Sindh Agriculture University Tandojam.

Sindh Agriculture University, Tandojam.

Reviewer, Ad Hoc Reviewer, Soil & Crop Sciences - TR10-12.

Technical Report TR11-08 Making Better Decisions, 2011 Colorado Sunflower Variety Performance Trials.

Reviewer, Ad Hoc Reviewer, Technical Report TR11-09.

Technical Report TR12-13 Making Better Decisions, 2012 Colorado Corn Hybrid Performance Trials.

The staff of WCRC-Fruita organized and had a booth at the Grand Junction Farmer's Market on August 11, 2011. We interacted with a large number of people and we had handouts and gave away small free samples of pinto and black beans to the public.

The University of Jordan.

TR11-08 - Making Better Decisions 2011 Colorado Sunflower Variety Performance Trials.

Two tours of WCRC-Fruita for 25 middle school students from the Denver area. October 16, 2012. One at 9 am and another tour at 3 pm.

Two tours of WCRC-Fruita for 25 middle school students from the Denver area. October 9, 2012, one at 9 am and another one at 3 pm.

Member, USDA-AFRI - CAP grant panel. April 1-3, 2012. Finalist presentations.

Member, USDA-AFRI - CAP grant panel. February 27-March 2, 2012. Washington, D.C.

USDA-FAS, Kabul.

Reviewer, Ad Hoc Reviewer, USDA/NIFA/CAP.

Western Colorado Research Center, Fruita, CO.

Western Colorado Research Center, Fruita, CO.

Reviewer, Ad Hoc Reviewer, TR14-10 Making Better Decisions, 2014 Colorado Sunflower Variety Performance Trials. (December 20, 2014 - December 24, 2014).

Reviewer, Program , Faculty Assessment, Hyderabad, Sindh. (February 2014 - March 2014).

Reviewer, Ad Hoc Reviewer, Agronomy Journal, Fruita, CO. (February 2014).

Reviewer, Journal Article, Agronomy Journal, Fruita, CO. (February 2014).

Member, Research Center Administrators Society, Dallas, Texas. (February 2, 2014 - February 4, 2014).

Committee Member, American Society of Agronomy, Madison, WI. (January 1, 2013 - December 31, 2013).

Reviewer, Ad Hoc Reviewer, Agricultural Experiment Station, Fruita, CO. (October 10, 2013 - October 15,

2013).

Reviewer, Ad Hoc Reviewer, Journal of the Royal Society Interface, Sheffield. (September 15, 2013 - September 30, 2013).

Reviewer, Grant Proposal, USDA-NIFA, Washinton, DC. (June 1, 2013 - June 13, 2013).

Reviewer, Ad Hoc Reviewer, Journal of Plant Nutrition and Soil Science. (June 1, 2013 - June 10, 2013).

Reviewer, Ad Hoc Reviewer, Industrial Crops and Products. (March 1, 2013 - March 30, 2013).

Reviewer, Ad Hoc Reviewer. (March 1, 2013 - March 30, 2013).

Reviewer, Ad Hoc Reviewer, Royal Society Interface. (March 1, 2013 - March 30, 2013).

Reviewer, Ad Hoc Reviewer, Scientific Research and Essays. (March 1, 2013 - March 30, 2013).

OTHER ACTIVITIES/ACCOMPLISHMENTS – SERVICE/OUTREACH

LLRice Litigation.

Academic, Edison AgroSciences, Durham, North Carolina, United States. (June 30, 2014 - January 31, 2015).

Academic, Colorado Seed Growers Association, Western Colorado, CO, United States. (January 1, 1990 - December 30, 2014).

Academic, Colorado Seed Growers Association, Fruita, CO, United States. (July 1, 2014 - November 1, 2014).

Academic, Isaac Munoz, Paonia, CO, United States. (March 5, 2013 - October 30, 2014).

Academic, Extension, Hotchkiss, CO, United States. (May 1, 2014 - September 30, 2014).

Government, Buckley Air Force Base, Aurora, CO, United States. (July 1, 2012 - November 30, 2013).

Academic, Colorado Seed Growers Association, Grand Valley, CO, United States. (July 1, 2013 - October 30, 2013).

For Profit Organization, Parkerson Construction, Clifton, Colorado, United States. (May 1, 2013 - May 30, 2013).

PhD. Thesis reviewer, Sindh Agriculture University, Tandojam. (June 1, 2013 - June 30, 2013).

Flux Farm Foundation.

USDA-National Ag Statistics Service.

Provided requested data, USDA - National Ag Statistical Service, Fruita, CO. (January 1, 2014 - December 30, 2014).

Inspector, Colorado Seed Growers Association, Western Colorado, Colorado. (April 1, 2014 - October 30, 2014).

Western Colorado Botanical Society. (March 1, 2014 - September 30, 2014).

Member, Western Colorado Heritage Garden, Grand Junction, Colorado. (March 1, 2013 - December 31, 2013).

Mentor, Mentoring, Fruita, CO. (November 1, 2013 - December 1, 2013).

Support, USDA - National Ag Statistic. (February 1, 2013 - December 1, 2013).

Ingmire Phillips Insurance, Inc, Brush, Colorado. (September 20, 2013 - September 25, 2013).

Letter of Recommendation, Mentoring. (February 20, 2013).
