

Name: Kevin McKay Heaton Affiliation: Utah State University Extension

EXPERTISE:	Irrigation management, high altitude crop production, livestock production, quality assurance, meat science, 4-H and youth programs
EDUCATION:	Master of Science: Utah State University, Logan, Utah Major: Nutrition and Food Science, Emphasis in Meat Science Bachelor of Science: Utah State University, Logan, Utah Majors: Agribusiness and Business Administration Minors: Animal Science and Japanese
LANGUAGES:	Japanese
COUNTRIES OF WORK EXPERIENCE:	Japan, Armenia, Ethiopia, & Mozambique

EXPERIENCE SUMMARY:

For the last 11 years, I've worked with agriculture producers and researchers to address issues relating to livestock and crop production in a positive, professional manner. Farmers and ranchers have gained knowledge and implemented changes which have improved efficiency and optimized profits.

EMPLOYMENT HIGHLIGHTS:

Date:	Description
1999 - present	<p>Extension Associate Professor, Utah State University, Kane and Garfield Counties, Utah</p> <ul style="list-style-type: none"> • Manager of 130 acre high altitude farm which conducts research on pasture grass and forbs • Conducted irrigation efficiency studies on 20 irrigation systems and soil moisture monitoring in 55 fields in southern Utah • Demonstrated cold frame vegetable production with an intensive crop rotation system in high altitude growing conditions • Organized workshops which improved meat quality for consumers and taught livestock producers about meat processing • Improve reproduction management by initiating an annual reproduction workshop • Advised individual farmers on proper crop and livestock management • Authored or co-authored 5 journal articles, 1 handbook, 24 peer reviewed abstracts and 11 peer reviewed publications • Presented 31 scholarly presentations • Solicited and received over \$435,000 in grants and contracts
1996 - 1999	<p>Food Safety Supervisor, E.A. Miller Inc., Hyrum, Utah</p> <ul style="list-style-type: none"> • Supervised 10 employees • Developed the HACCP and sanitation plans for the harvest and processing areas in the plant which processes over 1.5 million pounds of beef per day

1995 - 1996	Research Assistant , Utah State University, Logan, Utah <ul style="list-style-type: none"> • Conducted research on meat and meat products
1985 - 1995	Ranch Hand and Irrigator , Heaton Livestock LLC, Alton, Utah <ul style="list-style-type: none"> • Managed irrigation on alfalfa and hay fields • Provided animal husbandry to horses, cattle and sheep including feeding, mineral supplementation, vaccinations, sire selection, artificial insemination, pregnancy palpation

SELECTED PUBLICATIONS:

Refereed Journal Articles

Wilde, T. & **Heaton, K.**, (2009). Integrating the county Extension website with on farm data collection. *Journal of Extension*. Accepted for publication

Koenig, R., Reid, C., Winward, D., Barnhill, J., Pace, M., & **Heaton, K.** (2009). Phosphorus source and surface fluid band spacing effects on irrigated alfalfa. *Soil Science Society American Journal* 73:2, 367-374.

Heaton K., Zobell D.R., & Cornforth D. (2006). A successful collaborative research project: Determining the effects of delayed castration on beef cattle production and carcass traits and consumer acceptability. *Journal of Extension*, 44 Number 2. Retrieved April 28, 2006, from [Http://www.joe.org/joe/2006april/rb5.shtml](http://www.joe.org/joe/2006april/rb5.shtml)

Scholarly Presentations

Heaton, K., Grumbles, R. & Gasser, C. (2009). The annual cowman's reproduction workshop. *Western Region Extension Professional Development Conference*. p. 24. Mesquite, Nevada.

Reid, C.R., Grumbles, R. & **Heaton, K.** (2009). Arizona/Utah Range Livestock Workshop 31 years of Extension education and counting. *Western Region Extension Professional Development Conference*. p. 43. Mesquite, Nevada.

Wilde, T.W. & **Heaton, K.** (2009). Integrating soil moisture monitoring in the arid regions of southern Utah with the local county Extension websites. *Western Region Extension Professional Development Conference*. Abstract. p. 36. Mesquite, Nevada.

Heaton, K., & Hill, R.W. (2008). Verification of crop progress dates and yields as influenced by irrigation management in Kane and Garfield Counties. *Annual Planning and Professional Development Conference*. Utah State University Extension, Logan, Utah.

Heaton, K., Jensen K.B., Waldron B.L., Robbins J.G., & Peel M.D. (2007). Winter hardiness evaluations in orchard grass, meadow brome grass and tall fescue grass in a cold desert environment. *National Association of County Agriculture Agents*. Abstract. p. 176. Grand Rapid, Michigan.