**Program Accomplishments and Impacts:**

**Dairy & Livestock:**

***Beef Handling & Quality Assurance***

In recent years St. Croix County has been in or near the top ten counties in Wisconsin for beef cow calf numbers. A major challenge for our beef producers is having adequate handling facilities and skills, so that they can implement the management practices we promote for profitability (vaccination, pregnancy diagnosis, dehorning, etc.). In recent years I have facilities three on farm demonstrations and tours for beef facilities and handling. The 2016 tour represented a unique opportunity to highlight a farm that lost their original barn to fire, and rapidly had to make decisions to rebuild before winter. Both Biological Systems engineering specialist David Kammel and I worked with this family to expedite the process. This past year I worked one on one with five other farms on beef handling and facility design.

Since 2012 I have trained and certified 36 farms in Beef Quality Assurance (BQA). A 2015 teaching evaluation documented a change in knowledge of BQA practices of +1.2 (Likert scale 1-5, 1=poor and 5=excellent) and Presentation effectiveness of 4.5. To complement the BQA training principles, a live cattle handling demonstration featuring Curt Pate was held in conjunction. The live demonstration was evaluation similarly to the BQA session, with a change in knowledge of +1.2 and session effectiveness of 4.9. The live demonstration was opened up for UW-River Falls students, resulting in nearly 100 producers and students attending.

The St. Croix valley counties annually hold a Cow/Calf meeting and Cattle Feeders meeting. These meetings offer an opportunity to incorporate BQA principals along with production updates. Continuing education credits are offered for BQA certified farms. I occasionally also present at these meetings, covering the impact of bedding for steers, the Holstein Steer Yardage survey, direct marketing budgets, and more. Exhibit 1 is an example presentation on genetic defects that I presented at the 2014 beef cow calf meeting, as well as later with a class of UWRF students.

***Dairy Modernization & Replacement Heifers***

In 2011, Greg Andrew’s and myself revitalized dairy modernization tours in Pierce & St. Croix Counties. Many of our host farms were selected because of their work with UW-Biological Systems Engineering Specialist David Kammel. The tours serve to promote past work and to engage with new clientele. The initial impact of these tours comes from raising awareness of the possibilities, which we can then follow up with for one on one questions. Follow up is a mix of providing specifications for ventilation and animal spacing for varies designs, to more in depth follow up farm visits with Dr. Kammel. In a 2013 evaluation of the tours, nearly two-thirds of respondents indicated the tours were helpful in making better informed decisions to improve their dairy facilities. Examples provided by respondents include:

* Cost can be controlled. Air curtains a must!
* Parlor facility setup and simple yet efficient design
* Mostly the idea of keeping the most stressful labor at a minimum
* Automated calf-feeders
* The materials used for the parlor and the tree stall area
* Freestall design

I worked with area dairy farmers and the Dairy Team in 2013 to collect data for the Intuitive Cost of Production (ICPA) project. This project provides breakdowns for several fixed and variable costs associated with raising dairy heifers, and highlights areas the most efficient farms excel in. Further details on ICPA results are online at: <https://eauclaire.uwex.edu/uwex-icpa-project/>. As part of my work in this area, I also contributed a Hoard’s Dairyman article covering historical costs since 1999 (Exhibit 2). In 2017, I am part of the leadership team working to update ICPA reports. For this series, our goal is to collect enough data on automated calf feeders to provide one of the first financial reports on their use. Pending educator and farmer participation, managed grazing is the next priority area to report on.

***Sheep and small ruminants***

**Situation:** While informally assessing needs with our county funding partner, one request has been to provide more educational opportunities for small acreages and non-traditional farms. Small ruminants are often a good fit for these smaller farms.

**Response:** To help sheep producers address the need for developing safe and efficient sheep handling systems, Tim Jergenson, Barron County Agricultural Educator, Ryan Sterry, St. Croix County Agricultural Educator, and Claire Mikolaynunas, former UW-Extension Small Ruminant Specialist completed a video resource examining five farms and how they have designed efficient handling facilities. The video highlights the most labor intense times for shepherds: lambing and shearing. Along with efficiency, an emphasis was placed selecting examples that included safety for both the shepherd and the sheep.

The Lambing and Sheep Handling Facilities educational video was presented in an abbreviated form at the Indianhead Shepherd’s Clinic in Rice Lake, WI to 45 sheep producers in 2012. The video was presented and 116 copies distributed to sheep producers at the Wisconsin Sheep & Wool Festival in Jefferson, WI in 2012. Agricultural Extension educators received copies of the video by mail in August 2012. In 2015 the videos were made available on YouTube: <http://stcroix.uwex.edu/agriculture/dairy-and-livestock/>

**Outcome:** Eight of nine respondents to a 2013 survey regarding the Lambing and Sheep Handling Facilities indicated the information would help them to make decisions about improvements to their sheep handling facilities on their farms. In 2015, information was presented to 36 participants in our first St. Croix County small ruminant workshop. In a co-taught session with Extension specialist David Kammel, pre and post evaluation results indicated a 1.5 point gain in knowledge regarding sheep handling equipment and facilities (pre = 3.2, post = 4.7).

**Farm Management:**

***QuickBooks***

QuickBooks is growing in popularity among farm owners/managers for electronic financial record keeping. Training for this software program is limited and may not be specifically provided for agricultural clientele. Initial set up for farms can be challenging, as there are limited pre-set QuickBooks account options for agriculture. In 2014 and 2015 I collaborated with UW Center for Dairy Profitability Assistant Director Jenny Vanderlin and UW-River Falls Agricultural Economics Professor Dr. Stan Schraufnagel to offer hands on QuickBooks trainings. Participants developed a set of farm financial records while learning basic accounting skills and how to modify the software program to meet their farm business recordkeeping needs. As Dr. Schraufnagel provided the technical expertise, my role was to follow up demonstrating examples. In the time since the workshops, Dr. Schraufnagel and I have also met one on one with participants as needed.

Twelve evaluations were completed by 2015’s participants. On a Likert Scale of 1 to 5, with 1 being poor and 5 being excellent, eleven of the twelve participants rated the Content, Usefulness, and Presentation quality a four or higher. All participants “Agreed” or “Strongly Agreed” that the training taught them how to set up financial records in QuickBooks on their own. Allocating more instruction time to transactions and billing was the highest rated area for improvement. Written feedback regarding the teaching of this program included: “Facilitators kept everyone on pace together,” “It was directed at farmers. It moved quickly. Was easy to follow.” and “Step by step instructions were helpful. Take home materials are a great resource.”

***Cropland rental survey’s and evaluation***

"What is the going rate for cropland" is one of the most common questions county ag agents receive. To better answer this question Dunn, Pierce, and St. Croix County UW-Extension offices have been conducting a farmland rental rate survey that is mailed to farm operators and landlords annually. The information collected from these returned surveys is then published in a county based farmland rental report by each UW-Extension office. In St. Croix County, this resulting factsheet is consistently the most popular factsheet (#'s distributed) within our office and the FSA office, and UW-Extension is often referred to as the resource for this information.

Katie Wantoch, Dave Trechter, and myself co-supervised a 2014 ANRE Intern. One of the intern’s major projects was to assist us in evaluating the usage and potential educational impacts of the farmland rental rate factsheets produced by the Dunn, Pierce, and St. Croix County UW-Extension offices. As noted in the report (Exhibit 3) the factsheet has a relatively high level of use with nearly 70 percent of the respondents (n=453) stating they have used the UW-Extension farmland rental rate factsheet within the past three years. Most users of the factsheet (72%) used it to be aware of current rental rates and corn yields in their local area**.**

While this evaluation sought to answer the question about the use of the farmland rental rate factsheets, another important outcome was to determine if respondents were involved in written farmland leases each year along with the number of these written lease agreements. The survey results suggest about 15 percent of total rented farmland in the three counties is covered by a written lease agreement. Most respondents are involved in only one or two leases covering no more than 250 acres of farmland. It is important that continued agriculture educational programming be offered to increase the use of the farmland rental rate factsheet and written lease agreements.

***Annie’s Project for Beginning and Value-Added Women Farmers***

**Situation:** Women producing specialty and value-added products are a rapidly growing segment of the agriculture industry in Western Wisconsin, in large part due to the close proximity to the Twin Cities market. The USDA Ag Statistics Service shows that farms in Western Wisconsin tend to have a greater proportion of women identified as the principal operator. The background of women principal operators is significantly different from the general population with a higher percentage of them being beginning farmers and small acreage farms. Education in risk management topics is particularly important to this audience because they are not well-served by traditional outreach methods: beginning and women producers tend to be unaware of or have difficulty in accessing resources serving the mainstream agricultural community and in many cases need specialized resources.

**Response:** In 2012, UW Center for Dairy Profitability Specialist Joy Kirkpatrick wrote and was awarded a USDA Risk Management Agency Grant for Farm Management Strategies and Succession Planning for New, Women, and Transitioning Dairy Producers in Wisconsin and Iowa. Part of our team’s role in this grant was to adapt the original Annie’s Project curriculum into an *Annie’s Project for Beginning and Value-Added Women Farmers.* This program builds upon a highly successful pilot program offered in 2010 in Dane County. The project team of Katie Wantoch, Dunn County Ag Agent; Jennifer Blazek, Polk County Ag Agent; and Ryan Sterry, St. Croix County Agent promoted, taught and evaluated this six week program that provided risk and farm financial management education to 25 women from Western Wisconsin, including Dunn, Pierce, Polk, and St. Croix counties, and Minnesota.

The workshop series met with the participants six times during January through February 2013, for approximately four hours per session and 24 hours of total contact time. Homework was assigned at each session so that participants could immediately apply concepts to their farm operation and bring these experiences to the discussion at the following session. The participants were also added to a Google Groups listserv and provided with each other’s email addresses so they could network with other participants. The listserv was utilized by project team members to remind participants about homework and upcoming session topics. The group then met again in August for a follow up evaluation and farm tour of one of the participants who had started their own U-Pick business.

**Results / Evaluation:**

The program was evaluated in three ways: a mid-series evaluation (n= 19) to measure the knowledge and skills gained from the first three sessions; an end of session evaluation (n= 15) to measure knowledge and skills gained from the last three sessions; and a follow up six months after completion to measure any actions taken or decisions made as a result of participation. A compilation of evaluation results can be found in the corresponding NACAA Journal article based on this project (Exhibit 4).

**Impact:**

* Participants highly valued the educational and networking opportunities, and when asked to place a dollar value on the program, the average value reported was $300± 136.42.
* 85% of participants (n=19) felt that it is very important to offer programs especially designed for women in agriculture. As one participant said, “Women tend to have different perspectives and problems that are sometimes overlooked or undervalued in traditional ag.”
* Participants are more likely to share the information they learned with other women.
* At least four of the participants reported that they will use the information presented in this program to expand their business.

Comments from the program included: “I really enjoyed the course. We are planning to start our farm this year. This was great information to help us in this process. Some women-in-ag programs are “fluffy” in nature. This wasn’t. Thank you!” “This project definitely has a place in today’s rural areas. I learned more in this project than a full college course would have provided.”

**Other:**

***App Development***

UW-Extension Agricultural Agents Greg Blonde & Ryan Sterry, with the assistance of an outside vendor, developed and released an Android based App for pricing corn silage in 2016. The resulting “Corn Silage Pricing” app is based on the popular Excel spreadsheet corn silage pricing decision aid, first developed in 2007. After a series of revisions to the Excel based decision aid, transformation into a smart phone app was the next logical step.

To date, the app has been downloaded 561 times and has been retained on 439 unique devices. The app also boasts four “5 star” ratings on the Google Play store. In addition to using research based information to derive a pricing range (floor price for seller and max price for buyer), the app promotes quick links to other UWEX publications such as A2809, hay market report, Wisconsin Custom Rate Guide, and more.

A Qualtrics based evaluation of ANRE colleagues was sent in early 2017 to further document impact of the Corn Silage Pricing, Hay Pricing, and Pricing Wet Corn apps. A summary of that survey will be completed shortly.

***Farm City Day***

With St. Croix County’s close proximity to the Twin Cities, ag literacy continues to increase in importance to local stakeholders. Farm City Day has taken the place of the traditional dairy breakfast in our county, with 2016 marking the 35th annual event. Attendance estimates vary from 2,000-3,500 annually. Evaluating and judging scholarship with events such as Farm City Day is difficult. With the assistance of a 2014 ANRE Intern, an intercept survey similar to those conducted at Farm Technology Days, was conducted. Exhibit 5 is an appendix of evaluation data collected from the 2014 event.

Overall 207 responses were collected. Results showed the event continues to draw new attendees, with 29% attending for the first time. The event continues to draw regionally, with 35% of attendees residing outside of St. Croix County and 28% traveling 30 or more miles one way to attend. Attendees were asked "To what extent did Farm City Days change your perception of modern agriculture?" with 36% responding "somewhat" 32% "quite a bit" and 9% "a lot" (77% with a positive response). Educational tours are a large component of this event, with care taken with event layout to direct the public through tours and educational displays before receiving lunch.

Further survey questions were asked about their impact on knowledge of Milk Production, Crop Production, Conservation, Machinery/Equipment, and Animal Care. Results of those categories were very similar and have been combined here. Overall 80% responded an increase in understanding of "somewhat" "quite a bit" or "a lot" across the 5 categories that were included as part of the Farm City Day tours.

**Examples of Teamwork:**

For the department and program area, I served as regional rep from 2012-15. I currently serve a smaller role with regional rep, with Jerry Clark handling the majority of duties. For the department, I currently serve on the TFR committee, and previously served on the Scholarship Committee. I currently serve on one mentor team, and previously have on two others. I continue to serve as a mentor for academic staff in St. Croix and Pierce Counties.

Our office has put an emphasis on demonstrating value to county government. I have served a smaller role in this, but have successes working with our Community Development Department (CDD) – Resource Management Division (a.k.a. land conservation) on nutrient management education and our Farmer Led Watershed Project; with our Highway Commissioner on Implements of Husbandry education; and our CDD Director on updating the county’s Farmland Preservation plan. Currently I am working with CDD on water quality and CAFO concerns.

At the county level, I work closely with the St. Croix County Fair Board, Farm City Day, 4-H dairy committee, and to a lesser degree 4-H meat animal committee. Our office continues to work to transition some of our roles to the fairboard, which has proved challenging. Farm City Day is our main effort to reach the non-agricultural population. It has been successful, but much more work needs to be done. It has been a dairy focused, “traditional” farm driven event and I don’t know for how much longer that is sustainable. Changes to UWEX will necessitate transitioning some my roles and developing new leadership for this event, if it is to continue.

A unique example of teamwork is my role with World Dairy Expo. I have served as a superintendent from 2013-2016, working closely with a team of volunteers, WDE staff, and most of all our team of nine superintendents. While that role has been partially personal and not UWEX, there has been cross over with my UWEX role in terms of working with the Veterinary College and organizational development. There are many parallels between WDE and Farm Technology Days in that respect.

**Administrative Responsibilities:**

Administratively, shared leadership has been critical to our St. Croix County office. Since Sept 2014 I have served as co-department head. My relationship with my colleague Joan Sprain has been critical to our success. We are opposites in most respects but complement each other well.

We have attempted to divide responsibilities between County and University. In reality, the division of duties is not that clean. Position vacancies at times have required a greater administrative time commitment. We have put considerable effort into building relationships as our county has gone through structural changes. St. Croix County has moved to a County Administrator and “super committee” structure. Overall, this effort has been productive. We are highly supported by our County Administrator and have maintained county funding.

**Feedback:**

I would like to highlight a couple supportive pieces of feedback I have received.

*“This was a great event that addressed very timely topics.  Coordinating and working together with our Ag Partners benefits each of our organizations and more importantly the Producers we all have the privilege to work alongside for their success! Thanks Amanda (former financial services officer, AgStar) and Ryan for bringing this concept into reality.  It was very insightful for you to capitalize on Joe and Randy (UWEX State Specialists) coming to our area.”*

- Roger Swigert, Sr. Client Solutions Team Leader at AgStar, regarding grower meetings “Challenges with the 2013 Corn Crop” that covered delayed planting, insurance, and harvest issues

*Hi Ryan*

*You did a great job at the EDC (Economic Development Corporation) meeting last night.  The committee members were interested in your presentation throughout.  That is not something that is true of many speakers.  I am proud to be associated with St. Croix County.  That sense of pride is amplified by your exemplary work in the community.*

- Dan Hansen, St. Croix County Supervisor, District 12

**Future Program Directions:**

Vacancies in our office and surrounding counties have posed challenges and opportunities in program development. The informal expertise model of Greg Andrews and Lee Milligan served Pierce & St. Croix County’s exceptionally well for 21 years. In more recent years changes in job duties for both Greg and myself changed, forcing us to change how we approached the shared expertise model. Staff turnover and changes in our St. Croix County 4-H positions, support staff, CNRD, WNEP, and Horticulture positions have impacted office programming and my relationships with those program areas. Future program directions and my role within the organization will evolve as the nEXT Generation re-organization takes effect.

**Professional Roles and Contributions**

|  |  |  |  |
| --- | --- | --- | --- |
| **The University** | | **Role** | **Year(s)** |
|  | St. Croix County Co-Department Head | Co-Leader | 2014-Present |
|  | St. Croix 4-H / Youth Development Search & Screen | Chair | 2014 |
|  | St. Croix CNRD Search & Screen | Member | 2014 |
|  | UWEX / UWRF Farm Management Specialist Search & Screen | Member | 2014 |
|  | Pierce Ag Educator Search & Screen | Member | 2013 |
|  | St. Croix Horticulture Educator Search & Screen | Member | 2013 |
|  | Farmer Led Watershed Coordinator Search & Screen | Member | 2012 |
|  | Northwest Regional Director Search & Screen | Member | 2012 |
| **Department of Ag & Life Science (DALS)** | |  |  |
|  | Tenured Faculty Review Committee | Member  Chair | 2012-Present  2013-14 |
|  | Mentor Teams DALS (3) | Member | 2013-Present |
|  | Scholarship Committee DALS | Member | 2011-2015 |
| **Ag and Natural Resources Program Area (ANRE)** | |  |  |
|  | Agricultural Financial Advisor (AgFA) Workgroup | Member | 2010-Present |
|  | Western Wisconsin Ag Lenders Conference Planning Committee | Member | 2010-Present |
|  | Dairy Team | Member | 2006-Present |
|  | Genetics/Reproduction Workgroup | Co-Leader | 2008-Present |
|  | Farm and Risk Management (FARM) Team | Member | 2006-Present |
|  | Western District / Northwest Regional Rep | Co-Leader  Leader | 2015-Present  2012-2015 |
|  | Western District Resource Management Team | Member | 2009-2013 |
| **Professional** | |  |  |
|  | Epsilon Sigma Phi | Member | 2013-Present |
|  | National Association of County Agricultural Agents (NACAA) | Member | 2006-Present |
|  | Wisconsin Association of County Agricultural Agents (WACAA) | Member | 2006-Present |
| **Public Service Related to Educational Role** | |  |  |
|  | St. Croix County Farm City Day | Advisor | 2010-Present |
|  | St. Croix County Fair Board  Mayfair Fundraising Committee | Advisor | 2010-Present  2011-Present |
|  | St. Croix County Youth Livestock Committee | Advisor | 2010-Present |
|  | St. Croix County Youth Dairy Committee | Advisor | 2010-Present |
|  | St. Croix County Holstein Breeders | Advisor | 2010-Present |
|  | St. Croix County DHI | Advisor | 2010-Present |
|  | St. Croix County Ag Emergency Committee | Member | 2010-Present |
|  | World Dairy Expo – Superintendent | Leader | 2013-Present |

**Publications and Materials**

|  |  |  |
| --- | --- | --- |
| **Articles** | **Title** | **Date** |
| New Richmond News | St. Croix County Ag Report | 2017 |
| Wisconsin Agriculturist | Lush Spring Forages and Beef Cattle Reproduction | April 2017 |
|  | Cost of Raising Dairy Replacements to be Updated | March 2017 |
|  | Are You Prepared to Select Your Future Beef Herd Sire? | Feb 2016 |
|  | Timing Milk Based PAG Pregnancy Tests (Dairy) | April 2015 |
|  | Narrowing the Calving Window (Beef) | April 2015 |
|  | Disposition May Effect Reproductive Performance (Beef) | May 2014 |
|  | Re-Thinking Heifer Reproductive Management (Dairy) | May 2014 |
|  | Cow Condition at Calving Can Impact Reproduction (Beef) | March 2013 |
|  | What we’ve learned about Electronic Heat Detection (Dairy) | November 2012 |
| Dairy Partner | Ways to Pregnancy Test Cows | May/June 2016 |
|  | Animal Care and Safety is Important | May/June 2013 |
| Hoards Dairyman | Heifer Raising Costs Continue Climbing Upward | April 2014 |
| UWEX Beef FYI Website | Beef Bull Management Refresher  Beef AI Checklist | Spring 2013  Spring 2013 |

**Research and Demonstrations**

* Cost to Raise Dairy Heifers-Intuitive Cost of Production Analysis (ICPA), Project Co-Leader 2017
  + Cost to Raise Dairy Heifers-ICPA, Field Survey Collaborator, 2007, 2013
* Alfalfa Scissor Clip Monitoring Program, Primary Investigator, 2007-16
* Cropland Rent Survey, Primary Investigator, 2007 & 2009 Polk County; 2010-16 St. Croix County
* Alfalfa Pure Live Seed Study, Team Forage, Field Survey Collaborator, 2015
* Production and Environmental Implications of Land Rolling Corn – Badger Plot, Co-PI, 2014
* Holstein Steer Yardage Cost Survey, Field Survey Collaborator, 2012

**Presentations**

|  |  |  |  |
| --- | --- | --- | --- |
| **Title** | **Event/Organization(s)** | **Location(s)** | **Year(s)** |
| Pesticide Applicator Training | UWEX | St. Croix, Pierce, Polk & Barron Co’s | 2007-Present |
| Pork Quality Assurance Training | UWEX | Baldwin | 2017 |
| Intro to Extension – Guest Speaker Ag Ed 120 | UWRF | River Falls | 2013-14, 16 |
| Animal Handling & Facility Tour (Facilitator) | UWEX Beef Cow Calf Field Day | Terpstra Farms, Baldwin | 2016 |
| Dairy Modernization Tour (facilitator) | UWEX | West-Croix Dairy, New Richmond, & Gausman Dairy, Baldwin | 2016 |
| Holstein Steer Yardage Costs and Calculator (with Bill Halfman) | UWEX Cattle Feeders | Baldwin | 2016 |
| St. Croix County Agriculture | St. Croix County Board CAFO Informational Hearing | Hudson | 2016 |
| Veterinary Feed Directive Panel (Facilitator) | UWEX Raising Quality Dairy Heifers | Eau Claire | 2016 |
| Nutrient Management Basics | Farmer Written Nutrient Management Planning | Baldwin | 2012-2015 |
| Beef Quality Assurance | UWEX | River Falls | 2015 |
| Dairy Modernization Tour (facilitator) | UWEX | Trim-Belle Dairy, Spring Valley, & Berseng Farm, River Falls | 2015 |
| How Much Gold Do I Need? | UWEX Shifting Gears | Baldwin | 2015 |
| Management Tips for Sheep & Goats | UWEX Small Ruminant Clinic | Baldwin | 2015 |
| St. Croix County Agriculture Trends | St. Croix County EDC | Hammond | 2015 |
| QuickBooks for Beginners (co-presenter) | UWEX/UWRF | River Falls | 2015 |
| The Meaning of Weaning | UWEX Beef Cow Calf Field Day | Larson Herefords,  Spring Valley | 2015 |
| Bedding Impacts on Performance | UWEX Cattle Feeders Meeting | Spring Valley | 2014 |
| Benchmarking Financial Performance | UWEX Annie’s Project | Baldwin | 2014 |
| Dairy Modernization Tour (facilitator) | UWEX | HoneyCrest Farms, Spring Valley & Progressive Dairy, Baldwin | 2014 |
| Genetic Defects | UWEX Beef Cow Calf Meeting | Baldwin | 2014 |
| QuickBooks for Beginners (co-presenter) | UWEX/UWRF | River Falls | 2014 |
| Annie’s Project in NW WI | JCEP | WI Dells | 2013 |
| Dairy Modernization Tour (facilitator) | UWEX | Pederson Farms, River Falls, & Mike Webster, El Paso | 2013 |
| Farm Succession 101 | Wisconsin Farmers Union Annual Conference | Eau Claire | 2013 |
| Facilitator – Ag Breakout | UWEX Leadership Academy | River Falls | 2013 |
| Facilitator – Ag Breakout | St. Croix River Conference | River Falls | 2013 |
| Financial Management 101 | UWEX Annie’s Project | Baldwin | 2013 |
| Financial Management 102 | UWEX Annie’s Project | Baldwin | 2013 |
| Land access and rental (co-presenter) | UWEX Annie’s Project | Baldwin | 2013 |
| Animal Handling & Facility Tour (Facilitator) | UWEX Beef Cow Calf Field Day | K-Lund Angus, Woodville | 2013 |
| 2012 WI Dairy Steer Finisher Overhead Cost Survey Results | UWEX Cattle Feeders | Spring Valley | 2013 |
| How Big is Your House? | UWEX Returning to the Farm | Mondovi | 2013 |
| Farm Assessment Case Studies | Guest Lecturer - UWRF | River Falls | 2012-13 |
| Beef Quality Assurance | UWEX | Baldwin | 2012 |
| Sex, Drugs, & Reproduction (Dairy Reproduction Update) | UWEX | Hixton | 2012 |

**Experience with Grants, Collaborations, Supervision**

* Supervised Interim Horticulture Educator and two interns (dept head role) 2016
* “Find a Farmer” online direct marketing tool, Northwest Region Resource Management Team Innovative Grant, Team member 2015
* Co –supervisor ANRE Internship program, 2014
* Wisconsin Dairy & Beef Animal Husbandry Conference, Collaborator, 2011, 2014
* Tractor Safety Video, Northwest Region Innovative Grant, Team member 2013
* Multi-Agency Farmer Written Nutrient Management Education Grant, Collaborator and Lead Educator, St. Croix County 2010, 2014

**Awards**

|  |  |  |
| --- | --- | --- |
| **Title** | **Presented by** | **Year** |
| Communications Award – Fact Sheet (Sandy Stuttgen Lead Author) | WACAA | 2016 |
| Diversity / Multicultural Team Award for Annie’s Project (team member) | ESP | 2015 |
| Team / Workgroup Leadership & Responsiveness Award for the Animal Husbandry Workgroup (team member) | ANRE | 2014 |

**Professional Development – Past Five Years**

|  |  |  |
| --- | --- | --- |
| **Program** | **Location** | **Date** |
| Northwest Region ANRE Professional Development | Various | 2012-Present |
| World Dairy Expo | Madison | 2012-Present |
| Dairy Team In-Service | Various | 2012-Present |
| Agriculture and Natural Resources Extension (ANRE) All Faculty Conference | WI Dells, Oshkosh | 2012-Present |
| UWEX Agronomy Update Meeting | Eau Claire | 2017 |
| Driftless Beef Conference | Dubuque, IA | 2017 |
| Dairy & Forage Teams Alfalfa Intensive In-Service | Arlington | 2016 |
| Pork Quality Assurance Advisor Training | Eau Claire | 2013, 2016 |
| UWEX Pest Management Update | Lake Hallie | 2012-13, 2015-16 |
| Minnesota Dairy Herd Health Conference | St. Paul, MN | 2014 & 2015 |
| UWEX Dairy Team - Forage Inventory and On-Farm Nutrition Tools | Marshfield | 2015 |
| UWEX Strategic Planning Introduction and Practice | Madison | 2015 |
| UWEX County Leadership Conference | Green Bay | 2015 |
| UWEX - Cooperative Extension All Faculty Conference | Madison | 2015 |
| Beef Quality Assurance (BQA) Advisor Training | Sparta | 2014 |
| Faculty Tenure Workshop | Stevens Point | 2014 |
| PDPW Annual Business and Professional Development Conference | Madison | 2014 |
| Robotic Milking and Calf Feeding Systems – Jack Rodenburg | Eau Claire | 2014 |
| Badger Swine Symposium | River Falls | 2014 |
| UW Vet School Transition Cow Facilities and Calf Barn Positive Tube Ventilation Training | Madison | 2013 |
| Joint Council of Extension Professionals Conference (JCEP) | WI Dells | 2013 |

**Five Year (Future) Professional Development Plan**

Recognizing programing focuses are likely to change through the nEXT Gen re-organization, I will continue to seek a broad range of professional development until directed otherwise.

Institution and Program Area:

* UW-Extension Cooperative Extension All-Faculty Conference (every 5 years - if continued)
* UW-Extension Agriculture and Natural Resources Program Area Conference (annual)
* UW-Extension Northwest Region All Faculty In-Service (February)
* UW-Extension Northwest Region ANRE Staff In-Service (~6 per year)
* UW-Extension Dairy Team In-Service (annual)
* UW-Extension Team Forage In-Service
* UW-Extension Pest Management and / or Agronomy Update

Program Specific Professional Development:

* Farm Management
  + Farm CEO Project
  + Other related professional development opportunities
* Dairy & Livestock
  + World Dairy Expo trade show and presentations
  + Minnesota Herd Health Conference
  + Other related professional development opportunities
* Agronomy / Soil & Water Conservation
  + Red Cedar Demonstration Farm Field Days
  + Dry Run Creek Farmer-Led Project Meetings & Field Days
  + Other related professional development opportunities

Other topic areas as deemed necessary due to changes in situation – emerging issues

* Technology training – distance ed, video, the cloud, etc.