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| Notice of Public Meeting January 8, 2020 1:00 pm | AGRICULTURE & EXTENSION EDUCATION COMMITTEE | <i>Door County Government Center Chambers Room, 1st Floor 421 Nebraska Street, Sturgeon Bay, WI</i> |
| <i>Oversight for Extension Department</i> | | |

AGENDA

1. Call Meeting to Order
2. Establish a Quorum ~ Roll Call
3. Adopt Agenda / Properly Noticed
4. Public Comment (Maximum agenda item of 30 minutes with a maximum of five minutes per speaker)
5. Approve Minutes: November 13, 2019 Ag and Extension Education Committee minutes
6. Correspondence
 - Thank you letter from PARS
7. Door County Ag. Educator position description ... Heidi Johnson, Agriculture Institute Director for Extension
8. Educator Reports
 - A. 4-H Youth Development - Dawn VandeVoort (written)
 - B. Agriculture - Annie Deutsch (written exit report)
 - C. Human Development and Relationships Educator – Position Update - Rob Burke, Area Extension Director
9. Approval of Year-End Carry-Over: Postage Allocation from State
10. Financial Accounts / Voucher List
11. Next Regular Meeting (*if necessary*): February 12, 2020, 1:00 pm
12. Meeting Per Diem Code: _____
13. Adjourn

Deviation from the order shown may occur

Posted by _____

These minutes have not been reviewed by the oversight committee and are subject to approval at the next regular committee meeting.

**Minutes of the
DOOR COUNTY AGRICULTURE AND EXTENSION EDUCATION COMMITTEE
Wednesday, November 13, 2019, 1:00 pm
Chambers Room, County Government Center, Sturgeon Bay**



1. The meeting was called to order by R. Halstead at 1:01 p.m.
2. Roll call:

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|----------------------------------|-----------------------------|--|
| <u>Committee:</u> | <u>Extension Educators:</u> | <u>Others Present:</u> |
| Randy Halstead | Annie Deutsch | Rob Burke, AED/Dept. Head ⁷ |
| Nancy Robillard | Dawn VandeVoort | Ken Pabich, County Administrator |
| Linda Wait | | |
| Bob Bultman (<i>excused</i>) | | |
| Vinni Chomeau (<i>excused</i>) | | |
3. Motion by N. Robillard, seconded by L. Wait, to approve the agenda. All aye. Motion carried.
4. Public Comment: None.
5. Approve Minutes: Motion by N. Robillard, seconded by L. Wait to approve the minutes of the October 9, 2019 Ag. and Extension Education Committee. All aye. Motion carried.
6. Correspondence: *None*.
7. Educator Reports

4-H Youth Development – Dawn VandeVoort: Dawn spoke about work during the fall months providing support to club leaders and training volunteers. She reported on the successes from programming after school with the Boys & Girls club and Southern Door Elementary school. She also provided a report from the NAE4-HA Conference in West Virginia.

Agriculture – Annie Deutsch: Annie talked about the grape harvest at PARS and the DATCP scouting grant.
8. Position/Job Description: Human Development and Relationships Educator – Committee input and review.

Burke reviewed the draft HDR position description/job vacancy announcement with the committee. Also reviewed the status of the proposal by county administrators to share the Door County opening with Kewaunee and the reluctance of the Kewaunee Extension Committee to agree to that. Burke stated he is strongly in favor of continuing with the job posting as it is going with a full-time educator to continue and build on the excellent program Tenley built. Burke will contact other stakeholders to develop this position description and hopes to post it in early December. The target date of starting a new educator is February 1.
9. Financial Accounts / Voucher List - *Reviewed voucher list*.
10. Next meeting date: **Wednesday, December 11**, 1:00 pm, Chambers Room.
11. Meeting Per Diem Code: **#1113**
12. Adjourn: Motion by N. Robillard, second by L. Wait, to adjourn the meeting. All aye. Meeting adjourned at 1:46 pm.

Rob Burke, Recording Secretary



December 16, 2019

Door County Extension Office
Attn: Office Chair
421 Nebraska Street
Sturgeon Bay, WI 54235

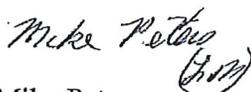
RE: Memorandum of Understanding Payment

Dear Office Chair:

Thank you for your Check 670444 in the amount of \$8,000.00 for payment of the professional horticultural consultation services provided by our Station for the period of January 1, 2020 through June 30, 2020.

We appreciate your continued support of our Station's services.

Sincerely,



Mike Peters
Director of Agricultural Research Stations

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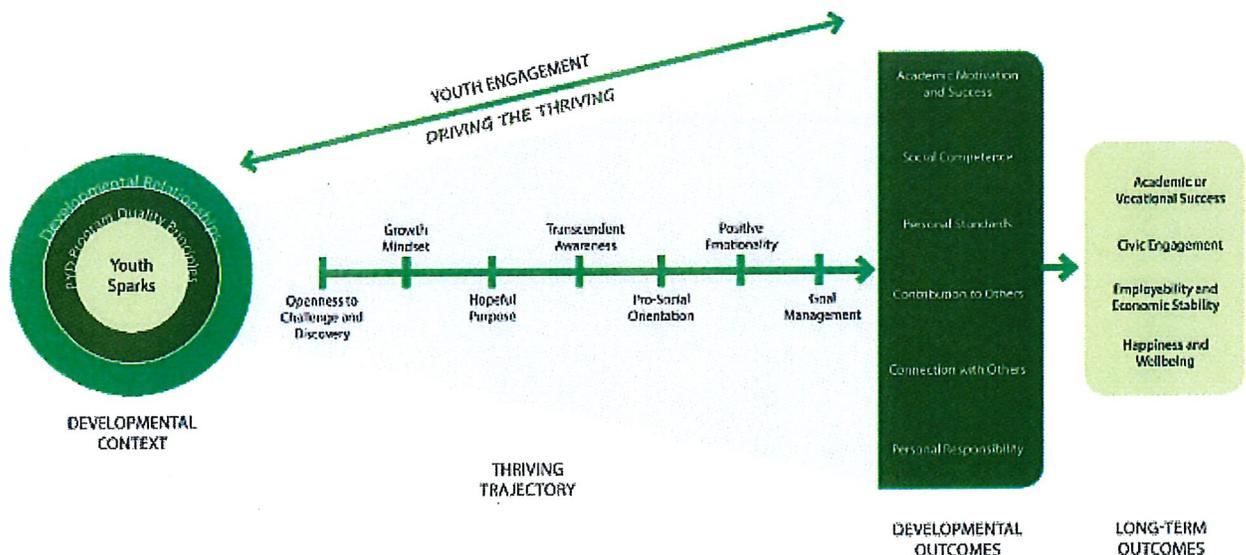
Agriculture and Extension Education Committee Report December 2019

Dawn VandeVoort, 4-H Youth Development Educator

4-H Club & Group Support/Volunteer Development:

- Online 4-H Volunteer Orientation: Our 4-H Youth Development programs rely on caring, positive adults to support our youth in their learning opportunities. One area of concern lately has been making volunteer orientation more accessible for potential volunteers to participate. A team of 4-H Youth Development colleagues has been working on adapting the current Volunteers in Preparation training into an online format to increase access for potential volunteers. We have adapted the presentation materials and incorporated online learning techniques to ensure it is interactive and engaging for volunteers to learn about Extension and volunteering in our organization. To date, four VIP trainings have been conducted, and one more is scheduled for January. We will be reporting back to the Extension Volunteer Management Systems Specialist Kim Nawyn after the trainings are complete to share our results and input for developing this concept further.
- 4-H Thriving Model Evaluation Pilot County: A new model for describing the impacts of 4-H has been developed by Dr. Mary Arnold, a Youth Development colleague in Oregon, and states are stepping up to pilot the model and evaluate programs using the new tools and research.

This new model predicts that youth who participate in 4-H programs that provide a high quality developmental context will thrive, and thriving youth achieve key developmental outcomes. When we invest in the quality of our program (strong developmental relationships, quality program principles, and youth sparks), our youth participants are able to drive their learning and be successful and achieve positive outcomes. The exciting part of this model is that we are able to measure and demonstrate a quality program to our stakeholders and others.



There are six counties in Wisconsin that are pilot testing the complete evaluation tool with 4-H participants. Door County is one of the six pilot counties. In early 2020, I will be implementing

the evaluation tool with 4-H members in order to get a baseline for our program quality. The tool will be used annually to assess areas of need for training and support.

I will also be part of a National Task Force group that will be developing materials for staff and volunteers to learn more about the 4-H Thriving Model. This is an exciting opportunity for our county to benefit from this national research at a very local level.

Outreach Education & Sharing University Resources

- Planning for 2020: Partnerships with the Boys & Girls Club and the Southern Door Afterschool program will be continued in 2020. I spent time in December connecting with those organizations and setting up dates and topics for programs. I will be teaching a six-week series at Southern Door in January & February 2020 and will be teaching STEM at the Boys & Girls Club in March & April. Time was invested in developing curriculum, planning evaluation strategies and gathering materials for the lessons.

Reporting Outcomes & Planning for 2020

- Planning & Results: November and December are a great time to reflect on the previous year and complete the annual Reporting Results documentation for Extension. Annually we have to submit our participation numbers, outcome statements, partnering organizations and information on how we reached out to new and underserved populations.
- Post-Tenure Review (every 5 years): Every five years I participate in a review of my work from colleagues in our Academic Department, in addition to annual performance reviews. In December, I prepared the documentation for my review and submitted it to the review committee. In addition to written documentation, there is a review component with a committee of peers. I will be participating in my review on Tuesday, January 7th and will be serving on the review team conducting reviews January 7th and 8th.
- Plan of Work for 2020: December is also a great time to use the reflections from reporting results to determine a plan for 2020. I have begun working on my plans for 2020, and they include the 4-H Thriving Model and how it can be incorporated into my work locally, along with a plan for volunteer development and recruitment. Plans of work are due by the end of January, so I will be continuing to develop and fine-tune the plans into the new year.

Exit Report

Annie Deutsch, December 2019

I had the privilege of being the Door County Agriculture Educator for four years and three months. When I started my position, I sent out a large needs assessment survey to local farmers. Pest management emerged as a top educational need. My background is in entomology, so that fit perfectly. Therefore, I structured most of my programs around managing insects, diseases, and weed pests in various crops. My 2019 plan of work and needs assessment results are attached. My programming ended up being split about 50/50 between horticulture and agronomy, which matched my job description when hired and the skill share agreement with Kewaunee County. Depending on how they structure the job going forward, your focus may be different. There is much work that can be done in any agricultural sector in Door County, so my needs assessment can be a tool, but you will need to reach out to farmers, crop consultants, and agribusiness professionals to direct your future programming.

One emerging project that has been very successful is work I've been doing with Dr. Jamie Patton, Senior Outreach Specialist with the UW Nutrient and Pest Management Program. Jamie has a regional focus and a background in soil science. She is very knowledgeable, an excellent presenter, and respected by farmers and consultants, alike. One topic that frequently emerges when talking to farmers is the difference in weather and soil conditions between Door/Kewaunee County and the fertile soils at the Arlington Research Station where most of the UW's agronomic research takes place. Jamie quickly turned some of these questions into small research and demonstration studies that we worked on together at the Peninsular Agricultural Research Station (PARS) beginning in 2018. Questions we are addressing are, "How late can we plant cover crops?" and "How much biomass and groundcover can we get from these cover crops?" Following a meeting Aerica Bjurstrom and I held in the spring of 2019, Jamie and I added numerous plots looking at alternative forages that could fit into a productive cropping system during the challenging cold, wet year we faced in 2019. All the rain also wreaked havoc with our plots, so a few of the trials will need to be repeated. Jamie is continuing these studies, and there is potential for much more work in this realm.

Another emerging need in this area (and statewide) is educational outreach for controlling herbicide-resistant waterhemp in row crops. This pigweed species is highly prolific and resistant strains are quickly spreading throughout the county. Dr. Rodrigo Werle, UW weed specialist, has many research projects specifically looking at controlling waterhemp. He often looks for local samples, so that can be a great way to get some projects started locally and to meet farmers.

Ongoing projects

Cover crops and alternative forages- As mentioned above, I have been collaborating with Dr. Jamie Patton to perform a number of research studies at PARS. She will be collecting data in the spring, so if you are onboard by then, this would be a great way to get involved. Our previous data were presented at multiple field days in 2019 and we hosted a field day at PARS on September 4, 2019. Jamie Patton can be contacted at jjpatton2@wisc.edu.

Insect trapping with the Department of Agriculture, Trade, and Consumer Protection (DATCP) – Each year, as part of a statewide survey, I have set traps for black cutworm in the spring and western bean cutworm in the summer to inform local farmers when these moths are active. Hayley Doell (hdoell@riocreekfeedmill.com) at the Rio Creek Feed Mill and Clark Riemer (clarkriemer@ezdsl.net), a Kewaunee County farmer, also set traps for western bean cutworm and report the data to me. These trap catches are consolidated into DATCP's weekly pest bulletin. Farmers have been very appreciative having data from this side of the state. Tracy Schilder runs this trapping program (Tracy.Schilder@wisconsin.gov). Both Clark and Hayley plan to continue trapping for moths. Hayley said she can work with Tracy directly, but Clark would need lures and trapping materials for western bean cutworm sent to him. You can work with Tracy to get that organized.

The past two years I have also been a part of DATCP's Pathways Survey looking for new invasive species. I have set traps in cherry orchards looking for the European cherry fruit fly (ECFF) and brown marmorated stink bug (BMSB). I have not caught any ECFF (so far they appear to only be in Ontario and New York). However, I did catch the first BMSB in the county in 2017. I caught four more in 2018 but none in 2019. If DATCP receives the grant money again (as they have for the past two years) and you are interested, you can contact Krista Hamilton (Krista.Hamilton@wisconsin.gov) to be a part of this project. She is keen on having this work continue as it is a major asset to growers. It is also a great way to get out to orchards and start working with some of the local producers. All my past data can be found here: M:\ANNIE DEUTSCH\Insects\Diptera\European cherry fruit fly. I presented this work at the Great Lakes Fruit Workers meeting in Simcoe, Ontario, in November 2019.

Grapes- My predecessor, Dean Volenberg, specialized in grape production so I wanted to continue providing support for grape growers in the region. To do so I held a vineyard walk (outdoor educational program) at the PARS vineyard for the past four years. Apart from one year where we didn't sufficiently advertise, this event was very well attended. Each year, I presented along with inviting various speakers including Dr. Christelle Guédot (UW fruit crop entomologist), Dr. Amaya Atucha (UW fruit crop horticulturalist) and Dr. Patty McManus (UW fruit crop plant pathologist). Patty retired in July 2019 and at the time of writing her position is posted. Hopefully it will be filled before the summer.

Dean also wrote weekly pest reports for grape growers. I wasn't able to continue that level of support, but I joined with the UW Fruit Team (fruit specialists and county educators working with fruit production) who created the Wisconsin Fruit News, a biweekly fruit newsletter sent to producers throughout the summer (<https://fruit.wisc.edu/news/>). I scouted the PARS vineyard every other week and took pictures of grape development. Technicians in Amaya and Christelle's labs then combined my report with scouting reports from the West Madison Vineyard and formatted them into an article. On average the grapes in Door County are about two weeks behind those in Madison. Having the two locations was critical for grape growers throughout the state to determine what pests they should be looking for, since they could compare grape development at their location to the two published locations.

In 2019, I wrote and received a grant from the 2017 Kewaunee County Farm Technology Days Gives Back fund to continue some fungicide spray program work Patty and the former PARS superintendent, Matt Stasiak, had started. The results of this project can be found in the folder M:\ANNIE DEUTSCH\Grants\WI FTD grant. We had very interesting results, but unfortunately, I didn't have time to

publish a formal report for the grape growers beyond what I submitted to the grant committee. After Matt retired, Dan Kielar and Brian Schauske at PARS were an integral part of this project.

Cherries- Cherry growers are really struggling due to low prices and high pest pressure and the number of growers is dropping quickly. Educational and research support for local cherry growers primarily comes through PARS and larger growers get information directly from Michigan as well. I was interested in cherry production, so I chose to collaborate on smaller projects in the cherry orchards, including the DATCP trapping mentioned above. I also attended the annual Cherry Grower Association meeting and partnered with PARS to host a couple cherry educational meetings.

Home horticulture- Regardless of your position focus, there will be an aspect of answering home horticulture questions that is unavoidable. Every county educator gets phone calls, drop-ins, and emails about anything ranging from indoor insect invaders to when to plant their garden. Every county educator you talk to will also have a handful of stories of the most bizarre questions they have been asked! PlantDoc is an internal website where you can post questions and get help from other county educators and specialists (<https://plantdoc.extension.wisc.edu/>). PJ Liesch (pliesch@wisc.edu) in the insect diagnostic lab is great and he can help with any insect ID question. Brian Hudelson (hudelson@wisc.edu) at the Plant Disease Diagnostic Clinic can help with plant diseases, but most often it's best to submit a sample to the clinic to ensure a correct ID. The UW Horticulture Team is addressing the issue of how to manage home horticulture questions, so I'd recommend talking with them to figure out what is a good next step. Mike Maddox with the Master Gardener Program and Jay Dampier (jay.dampier@wisc.edu), the Horticulture Program Manager, and other colleagues in the horticulture team are your best resources for determining how to handle home horticulture questions.

In Door County, you will get questions about the European chafer, a new insect pest of turf. I've prepared a number of educational articles to help address questions that can be found here: M:\ANNIE DEUTSCH\Insects\Coleoptera\European Chafer and M:\ANNIE DEUTSCH\Turf\.

Door County Master Gardener Association

You've inherited an extremely active group of Master Gardener Volunteers (MGVs). There have been multiple transitions within the state MGV program during my time here and I've heard rumors of huge changes coming down the pipeline. Mike Maddox (mike.maddox@wisc.edu), the UW MGV program coordinator, can fill you in on the history of this organization and some of the changes that are coming. The Door County MGVs do excellent work, but they are very autonomous. One change I wanted to implement was to create the opportunity for a more diverse range of people to be able to enter the program. This would be done primarily through offering stand-alone gardening classes throughout the summer. This could perhaps lead to participants earning a "Garden Certificate" and then they could test into the program. Unfortunately, I wasn't able to implement it in 2019. This structure is quite different than the traditional 13-week class currently offered in the winter. That class has its benefits too, especially for building community, so I don't think it should be eliminated but it can't be the only route of entry.

I put a lot of effort into maintaining a very good working relationship with the group, attended their board meetings as often as I could, and they respect the leadership of the county Extension Educator. When more changes are announced, lean heavily on Mike Maddox for guidance and support. If members leave, that is ok because I think it will lead to a much stronger organization in the end of people who really want to be UW-Madison Master Gardener Volunteers.

The MGV program was originally developed to have trained volunteers that aid the local Extension Educator in answering home horticulture questions. In Wisconsin, this program is frequently called Plant Health Advisors. I tried really hard to get this established and I ran into many challenges. The main issue is that there isn't a way to provide enough training to the MGVs to ensure they are giving correct answers. They are also very busy with other projects and many are intimidated by the prospect of being asked questions. I surveyed them to figure out what were their hinderances to volunteering in this capacity and I gave educational presentations on how to answer questions (really all I needed them to do was ask good questions). I tried having them come into the office on certain days of the week, coming in on days of their choosing, or answering questions from home. I made a Gmail account that the public could use, and somehow at the end of 2018 Google deleted it. I wasn't too upset because it allowed me to take a step back. Last year, I just had one MGV, Lynn Polacek (lynnpol@gmail.com), who I could forward questions to if I was overwhelmed. She is very good at asking the client good questions and finding researched-based answers.

Potential projects

1. Right before I left, Toni Sorenson, a local farmer and GreenStone Financial Service Officer, asked me to be involved in a Farm to School project for the Southern Door school district. They were just about to submit a grant, so this would be a great project to join if they are funded. Toni's email is Antonia.Sorenson@greenstonefcs.com
2. In collaboration with the Fish and Wildlife Service, Jamie Patton, the PARS staff, and I, put in a pollinator planting at PARS in November. We split the field in half, so half was no-till drilled and the second half was broadcast seeded. Hopefully something will germinate in the spring! This plot could lead to many educational opportunities for farmers, orchardists, bee keepers, and the general public. <https://doorcountypulse.com/research-station-aims-to-pull-in-pollinators/>
3. Spotted wing drosophila (SWD) is probably the most destructive pest the cherry industry has ever faced. Michigan has the largest tart cherry industry in the United States, so we often collaborate with them on larger projects. Nikki Rothwell, the Extension Specialist and lead coordinator at the Traverse City Research Station (rothwel3@msu.edu), and Julianna Wilson, Tree Fruit Integrator & IPM Outreach Specialist (jkwilson@msu.edu), just submitted a large grant to look at some alternative management strategies for SWD. I wrote a letter of support and they had asked me to serve on the grant advisory panel. They definitely want Wisconsin to be represented, but the new superintendent at PARS could fill this role if it is outside of your interests or job description. Nevertheless, I told them that I was leaving and that you would reach out to them if you would like to be a part of this grant.

4. Industrial hemp was legalized for production in the past two years. There are many growers interested in it, but people are also fairly secretive about their practices because they want to beat out competition. Liz Binversie (Elizabeth.binversie@wisc.edu), Brown County Agriculture Educator, is taking the lead for hemp outreach in Northeast Wisconsin. For my role, I decided to learn what I could about hemp and the resources available to farmers, but I did not do any work with it myself. The industry will likely be growing quickly, so if you are interested in working with hemp, Liz is a great first contact. Depending on who is hired as the superintendent at PARS, there is potential for establishing research and demonstration plots at the station.

5. The Food Safety Modernization Act (FSMA) is a new regulation from the Food and Drug Administration. In Wisconsin, DATCP is in charge of enforcing the rule and Extension has partnered with them to provide educational support. According to their maps, Door County has a large number of farms that will be affected by this rule. Extension is looking for more county educators to receive special FSMA training. I was asked numerous times to take this training, but because I was leaving, I didn't want them to invest in me. If you are interested in being trained, contact Jay Dampier for more information.

Media and Communications

- Door County Daily News, Tim Kowols, kowols@doorcountydailynews.com
 - o I submitted stories to them as needed. They are great for advertising programs if you give a short interview clip. They can often post things by the next day.
- Peninsula Pulse, Myles Dannhausen, myles@ppulse.com
 - o I wrote an article about once a month on a relevant horticultural topic. They prefer articles that are about 750-800 words and I always included a picture. Since it is a weekly newspaper, articles could sometimes take a few weeks before being published, so you need to think ahead
 - o They will also publish short press releases for programs
- Kewaunee County Comet, Warren Bluhm, warren@warrenbluhm.com
 - o Online newspaper in Kewaunee County. Warren is great to work with and will post stories or meeting announcements quickly. He has a website and Facebook page with a pretty good following.
- Blast text message from Whitney Prestby, whitney.prestby@wisc.edu
 - o Whitney is an Extension educator located in Green Bay. She helps coordinate events with the Door-Kewaunee Demo Farms. If you send her a short sentence about your upcoming program and a link, she can send it out to all the farmers in their network.
- Morning Ag Clips, <https://www.morningagclips.com/category/wisconsin/>
 - o Great place to publish short news releases about upcoming programs to a statewide audience. We can publish things for free.
- Midwest Farm Weekly
 - o Short video interview taped in Green Bay on any relevant agricultural topic. Aeric Bjurstrom can send you the sign-up sheet

- Wisconsin Agriculturalist
 - o I wrote one article a year for Extension's section Field Fodder. Contact Jerry Clark for information, Jerome.clark@wisc.edu
- Paper flyers
 - o Free programs can be advertised at the libraries, YMCA, Aging and Disabilities Resource Center (ADRC), and anywhere else you can think of.
- Mass Email list (my email list can be found in M:\ANNIE DEUTSCH\Contacts)

Key Contacts

When I left, I asked some key contacts to think about what they would like to see from the Extension educator. For row crops, I would highly recommend that you reach out to the Door County Coop (Bob Haen and Caleb Cornell) and the Rio Creek Feed Mill (Adam Barta and Hayley Doell) for their suggestions. Nathen Nysse is a regional crop consultant who is also an excellent resource. One farmer who you must meet is Clark Riemer in Kewaunee Co. He is very involved in many Extension projects and is a huge advocate for local research and programming. Richard Olson in Door County is another farmer that you should definitely connect with.

Regional groups that will be important to connect with are Save the Bay, the Door-Kewaunee Demo Farms, and Peninsula Pride. Whitney Prestby is a great first contact to get involved with some of the different events with these groups. Ask her to get added to the mass text list so you can hear about their field days.

Key fruit crop contacts are Jim Seaquist (cherries), Steve and Jeff Wood (apples), and Terry Sorenson (cherries, apples, strawberries).

Extension educators in neighboring counties, especially Aerica Bjurstrom, are also a great resource and can help you develop your programming.

If you do any work with fruit crops, I'd highly recommend joining the Great Lakes Fruit Workers listserv (GLFW@LIST.MSU.EDU). Julianna Wilson can add you to the list. I also attended two of their annual meetings and they were the most impactful and helpful meetings I attended because the focus was very specific on fruit crop issues in the Great Lakes region. Having so few fruit specialists within the UW, it is great to be a part of this multi-state network of experts.

Holding Community Programs

The new Aging and Disability Resource Center (ADRC) is an excellent place to hold home horticulture programs. They are very interested in partnering with us and they will have everything set up. The only limitation is that they are only open during business hours. Cathy Keller is the social coordinator at the ADRC. ckeller@co.door.wi.us

I gave a couple presentations at Pine Crest Assisted Living Facility each year. Their activity coordinator Heidi, heidi.doorpinecrest@gmail.com, is always looking for presenters on basically any topic that might interest their residents.

The Kress Pavilion (events coordinator: Jessica Reinke jreinke@founders3.com) in Egg Harbor, the NWTC campus in Sister Bay, and the Ridges Nature Center in Baileys Harbor are all great places to give presentations. I was planning on offering gardening programs rotating between these locations and places in Sturgeon Bay and livestreaming them to the other facilities as part of the summer garden class program, but I ran out of time to try it out.

Crossroads is the best place I've found in Sturgeon Bay to have large presentations. Coggin Heeringa can help schedule anything there. coggin_heeringa@yahoo.com

Agronomic meetings and field days are often held towards the Door/Kewaunee County line. Recently, we've held meetings at the Forestville Town Hall, the Cherryland Airport, the Kewaunee County Highway Department, and at local farms. The Peninsula Room at the Government Center is another great meeting space in Sturgeon Bay.

Conclusion

As every tourist knows, Door County is a beautiful and unique place to be. Behind the tourism, agriculture still has a prominent role in the economy of the county. No matter your interests, who you collaborate with, and what challenges arise within the farming community, there is ample opportunity for impactful work in agriculture education. Talk to farmers, meet collaborators, get outside, have lots of potlucks with office colleagues, and enjoy every second that you have to work here.

Annie

