



THE FOGHORN Agriculture



University of Wisconsin Extension, Aerica Bjurstrom, Agriculture Agent
920-388-7138 * aerica.bjurstrom@ces.uwex.edu



MORNING

Monday, January 28, 2019, 10 am-12 pm



ROBOTIC FACILITIES DESIGN CONSIDERATIONS

Jouni Pitkäranta, Architect, 4dbarn

Jouni Pitkäranta is specialized in dairy, youngstock, and calf barn design especially focused on robotic milking barn design. He has designed about 600 dairy barns in total mostly in Finland, but also in Sweden, Estonia, Russia, Lithuania, Holland, and Germany.



ECONOMICS OF AUTOMATIC MILKING SYSTEMS

Larry Tranel, Dairy Field Specialist, Iowa State University Extension & Outreach

Larry Tranel specializes in financial analysis of all types of dairy farms; dairy facilities, low cost milking parlors, and cow comfort.

AFTERNOON

Monday, January 28, 2019, 1 pm- 3 pm



LABOR EFFICIENCY IN AMS BARNs

Jouni Pitkäranta, Architect, 4dbarn

Jouni Pitkäranta developed an international robot barn labor efficiency project monitoring robot barn performance in numerous barns in Finland, Sweden, Denmark, Holland, and the United States.



ROBOTS: THE GOOD, THE BAD, THE UNKNOWN

Panelists: JenLar Holsteins; BMO Harris; Abts Lely Center; Fox Cities Builders

Larry and Jennifer Meyer put in an automatic milking system in 2017. Their lender, AMS dealer, and builder will join them to discuss the good, the bad, and the unknown of transitioning to robotic milking.

2019 Annual CAFO Update

How to stay in compliance with your permit.
An update meeting for WPEDES permitted CAFO owners and managers, nutrient management plan writers, and engineers.

Four meeting times/locations to choose from:

Monday, February 4, 2019

Green Bay

8:00 am—11:45 am

Tundra Lodge Conference Center

865 Lombardi Avenue

New London

12:00 pm—3:45 pm

Crystal Falls Banquet

1500 Handschke Dr.

Tuesday, February 5, 2019

Manitowoc

8:00 am—11:45 am

Silver Valley Banquet

1222 S. Alverno Road

Fond du Lac

12:00 pm—3:45 pm

*Fond du Lac County Fairgrounds

Recreation Hall

520 Fond du Lac Ave.

*New location

Registration deadline January 28, 2019 for all sessions.

Registration:

- \$35 up to January 28th
- \$45 After January 28th
- \$45 Walk-ins (at the door—check or credit card)
- Meal included

Online registration:

https://www.co.brown.wi.us/departments/form_09b242b06b39/?department=68d3c3d55278&subdepartment=24b92be334aa

For a paper brochure and mail-in registration form visit our website:

<https://fyi.uwex.edu/kewauneeag/2018/12/11/2019-annual-cafo-update/>



University of Wisconsin-Extension



BUILDING OUR DAIRY FUTURE: ROBOTIC MILKING SYSTEMS PERFORMANCE & EFFICIENCY

Monday, January 28, 2019

The Osthoff Resort

101 Osthoff Ave, Elkhart Lake, WI

10:00 am Registration

10:30 am **Automated Milking System Design Considerations**

Jouni Pitkäranta, Architect, 4dbarn

11:15 am **Economics of Automatic Milking & User Experiences**

Larry Tranel, Dairy Field Specialist, ISU Extension

12:00 pm Lunch

1:00 pm **Labor Efficiency in AMS Barns**

Jouni Pitkäranta, Architect, 4dbarn

1:45 pm **Robots: The Good, The Bad, The Unknown**

Panelists: JenLar Holsteins (Larry & Jennifer Meyer), BMO Harris, Abts Lely Center, Fox Cities Builders

3:00 pm **Wrap up**



FOR MORE INFORMATION,
PLEASE CONTACT:

Steph Plaster
UWEX Washington/Ozaukee Co
262.555.4482
stephanie.plastereuwex.edu

Tina Kohlman
UWEX Fond du Lac Co
920.929.5180
tina.kohlmanuwex.edu

Scott Gunderson
UWEX Manitowoc Co
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Amber O'Brien
UWEX Calumet Co
920.849.1450
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Financial Support
Provided By:



Building Our Future: Robotic Milking Systems - January 28, 2019

Registration Cost: \$30 per person

Name: _____

Address: _____

City/State: _____

Zip: _____

Phone: _____

Email: _____

Please make checks payable and mail to:

UW-Extension

Attn: Robotic Milking Systems

121 West Main St, PO Box 994

Port Washington, WI 53074

Or to pay by credit card for a \$ 3 per person
convenience fee, please call 920.929.5171

Pre-registration requested by Friday, January 18.

UW-Extension provides equal opportunities in employment and programming, including Title VI and IX, and ADA.

2019 Century and Sesquicentennial Farm and Home Applications

Applications are now available for download at our website:

<https://fyi.uwex.edu/kewauneeag>

Paper copies are also available at the Kewaunee
County UW-Extension office.



Save the Date

- ⇒ **Pesticide Applicator Training**
February 6, 2019 9:00 am—3:00 pm
Kewaunee County Fairgrounds
- ⇒ **Pesticide Applicator Training—Door County**
February 13, 2019 9:00 am—3:00 pm
Peninsula Room, Administration Building
- ⇒ **Manure Applicator Training**
March 5, 2019
TWO Time Slots: 1:00 pm & 6:00 pm
Kewaunee County Fairgrounds
- ⇒ **YQCA—Grades 3-5**
March 14, 2019 6:30 pm
Kewaunee County Fairgrounds



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Wednesday, January 9, 2019
9:00 am to 12:00 Noon
Millhome Supper Club, Kiel

Farm Finances: Analysis to Action

Sam Miller, Managing Director of Agricultural Banking at BMO Harris
Brad Guse, Sr. VP of Agribusiness Banking at BMO Harris

Coping With the Pressures of Farm Life

Shelley Tidemann, UW-Extension Fond du Lac County Family Living Ed.
Tammi Kohlman, CSI Destination Zero Coordinator

Strategies to Deal With the New Financial Normal: Nutrition and Beyond

Dr. John Goeser, UW-Madison Dept. of Dairy Science Adjunct Professor and
Rock River Lab, Inc. Director of Nutritional Research & Innovation

\$5 per person. Light refreshments and materials will be provided.

Please RSVP by January 4.
Register online: <https://goo.gl/K4k2to>

For more information or to register by January 4, please contact your
UW-Extension Ag Agent:

Manitowoc Co

Scott Gunderson 920.683.4175 scott.gunderson@uwex.edu

Calumet Co

Amber O'Brien 920.849.1450 amber.obrien@uwex.edu

Washington/Ozaukee Co

Steph Plaster 262.335.4482 stephanie.plaster@uwex.edu

Fond du Lac Co

Tina Kohlman & Shelley Tidemann 920.929.3170

**State Fair Dairy Promotion Board
Scholarships Available**

The Wisconsin State Fair Dairy Promotion Board is offering \$1,000 scholarships to be used during the second semester of the 2019-20 school year. Third and fourth-year college students pursuing dairy-related or food science degrees at one of Wisconsin's four-year universities are eligible to apply.

Applicants will be evaluated on involvement and leadership in dairy-related activities, scholastic achievement, and career objectives. Finalists will be interviewed in mid-April, with the recipients to be recognized at the 2019 Wisconsin State Fair.

The application is available at <http://wistatefair.com/competitions/dairy-promo-board/>.

Application deadline is Friday, March 22.

For more information, contact Katy Katzman at 262-903-6727 or katzman@idcnet.com.



Midwest Manure Summit

SAVE THE DATE!

Midwest Manure Summit
February 27, 2019
Lambeau Field, Green Bay, WI

Midwest Manure Summit returns to legendary Lambeau Field, Green Bay, for a one-day conference highlighting many of the newest technologies and practices in manure handling, as well as many opportunities to network with farmers, industry, and university attendees!

Brought to you in conjunction with

Visit <https://fyi.uwex.edu/midwestmanure/> for more information.



**2019 MASTER GARDENER
VOLUNTEER TRAINING**

Kewaunee County UW-Extension is offering a home online and hands-on classroom Master Gardener Volunteer training beginning January, 2019.

<p>Class dates and topics:</p> <p>January 29: Introduction to Master Gardeners</p> <p>February 2: Introductions to Plants</p> <p>February 12: Integrated Pest Management</p> <p>February 26: Weeds & Wildlife</p> <p>March 12: Entomology</p> <p>March 26: Plant Pathology</p> <p>April 2: General Gardening Practices</p> <p>April 9: Herbaceous Ornamentals</p> <p>April 23: Woody Ornamentals</p> <p>April 30: Vegetables</p> <p>May 7: Fruits</p> <p>May 14: Soils</p> <p>May 28: Lawns</p>	<p>Hands-on classes will take place at the Kewaunee County Fairgrounds 6:00 - 9:00 pm.</p> <p>Classes will also include field trip activities.</p> <p>Cost: \$125 per participant, includes materials and supplies</p>
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Register by January 21.
Visit <https://fyi.uwex.edu/kewauneeag/master-gardeners/> for a registration form.

Questions? Contact Aerica Bjurstrom, Kewaunee County UW-Extension Agriculture Agent at 920-388-7138 or aerica.bjurstrom@uwex.edu