



# UW-Extension Sheboygan County March 2016

4-H Youth Development

Sheboygan County  
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Agriculture &  
Extension Committee

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UW-Extension  
Sheboygan County  
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Sheboygan, WI 53081  
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opportunities in employ-  
ment and programming,  
including Title IX & ADA.

## Sarah Tarjeson, 4-H Youth Development Educator and Linda Lueder, 4-H Youth Development Program Coordinator

On February 13, nearly 200 youth in the Sheboygan County 4-H program came together to perform in the **4-H Music and Drama Festival** held at the Stefanie H. Weill Center for the Performing Arts. Eleven clubs put together skits or musicals that averaged about 15 minutes in length. The clubs spend several months planning, rehearsing, and preparing to showcase their skills and talents. Each club skit or musical was directed by adult and/or youth volunteer leaders. After being critiqued by judges, two skits and one musical are selected to go to the WI State Fair. In the Play/Drama Category the Scott Pioneers 4-H Club (Town of Scott) were selected as 1<sup>st</sup> Place for their performance of "A Mixed Up Fairy Tale." Sheboygan Shooting Stars (City of Sheboygan) took 2<sup>nd</sup> Place for "Sheboygan Shooting Stars Got Talent."

The Ourtown Orioles (Sheboygan Falls) received a special award of *Originality of Script* as it was written by a youth member and very creatively showed the 4-H spirit. In the Musical category, 1<sup>st</sup> place went to the Willing Workers 4-H Club (Plymouth) for "King Bidgood's in the Bathtub." The Trailblazers 4-H Club (Oostburg) received a special award for *Youth Leadership* as it was written and directed by one of the 4-H members.



This is the second year that we opened up the stage to allow individual or duet performances by the youth. The youth performed either an instrumental or vocal piece that they selected and practiced on their own. Fourteen youth took this opportunity to develop and present their musical skills to judges for critique. The individual/duet performances also gave an opportunity for two more youth to be selected to perform at the State Fair. In the instrumental category, 1<sup>st</sup> place went to Lauren Danforth, a 9<sup>th</sup> grader playing *Asturias* on the piano. 2<sup>nd</sup> place went to Caroline Danforth, a 6<sup>th</sup> grader playing *Ovation No. 3 in E minor* on the piano. In the vocal category, 1<sup>st</sup> place went to Carson Anhalt, a 5<sup>th</sup> grader singing *Walking in the Ai*. 2<sup>nd</sup> place went to Abigail Charbonneau, an 8<sup>th</sup> grader singing *Gia'il Sole dal Gage*.

Some clubs and individual performers are now taking their acts to local community organizations for entertainment, such as local nursing homes. Many will be participating in the *You've Got Talent* event, a community wide fundraiser created and hosted by the 4-H Rangers (Oostburg). The fundraiser proceeds will be used to purchase the safety vest needed for the new K-9 coming into the Sheboygan Falls Police Department.

The 4-H Music and Drama Festival was hosted and emceed by the Sheboygan County 4-H Ambassadors, utilizing their leadership and communication skills to introduce each performance and lead games and activities throughout the day. The Festival was coordinated by a committee of six adult volunteers.

A Wisconsin 4-H Youth Development Program study found that participants in 4-H arts and communication programs increase their skills, self-esteem, and self-confidence. Youth report that they have used feedback from judges to improve their performance and creativity skills.



Your county  
extension office

Sheboygan County  
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Michael J. Ballweg  
Agriculture Agent

Jane E. Jensen  
Family Living Educator

Sarah J. Tarjeson  
4-H Youth  
Development Educator

Linda Lueder  
4-H Youth Development  
Program Coordinator

Betsy Warmus  
4-H Youth Development  
Assistant (25%)

Kevin Struck  
Growth Management  
Educator

Laura Apfelbeck  
Nutrition Education  
Program Coordinator  
(shared with Manitowoc)

Kao Vang and  
Janeth Orozco  
Nutrition Education  
Educators  
(shared with Manitowoc)

Administrative  
Assistants

Ann Herzog  
Tammy Zorn  
Victoria Deterding

# UW-Extension Sheboygan County March 2016 - IMPACT REPORT

Community Growth Management Education

## Kevin Struck, Growth Management Educator

An article in the January 24, 2016 issue of *The Sheboygan Press* entitled "**Wisconsin an 'Arsenic Hot Spot'**" reported that arsenic has been found at levels above the health standard in 51 of the state's 72 counties. The WDNR has identified Winnebago and Outagamie Counties as arsenic advisory areas and has implemented stricter regulations for testing and well construction in those two counties.

Prolonged arsenic exposure has been linked to a variety of cancers, nerve damage, diabetes, and cardiovascular disease. Even low-level (5 ppb) exposure during childhood, if chronic, can potentially lead to decreased intelligence.

In Wisconsin, arsenic is typically released in groundwater when naturally occurring sulfide minerals in certain bedrock aquifers break down by coming into contact with oxygen, which can happen during well drilling or well maintenance—or when the water table is drawn down. This may occur during droughts, the operation of high-capacity wells, or a high density of new development dependent on private wells.



Since you cannot taste, see, or smell the presence of arsenic in water, testing is critical. There is no requirement for private well owners to test for arsenic, however, except in certain situations during a home sale. This is one of the reasons Kevin has coordinated 1 or 2 voluntary community well water testing events in Sheboygan County annually over the last few years. Sheboygan County's Planning & Conservation Department has subsidized the cost of the arsenic test to make it more affordable.

Although **arsenic levels above the 10 parts per billion (ppb) health standard have been found in 11% of the wells tested** during Kevin's events, keep in mind that levels as high as 1,650 ppb have been found in the Fox Valley and 1,000 ppb in Kewaunee County. None of the local test results in the table below exceeded 50 ppb of arsenic.

Wells Tested for Arsenic through UW-Extension's Annual Events

TOWNSHIP	YEAR	WELLS TESTED	# ABOVE 10 PPB HEALTH STANDARD
Herman / Mosel	2015	53	5
Sheboygan Falls / Lyndon	2014	64	12
Wilson	2013	80	4
Lima	2012	13	1
Plymouth	2011	29	4

If local wells do begin exceeding 50 ppb of arsenic in the future, well owners are eligible for up to \$9,000 through a WDNR grant program to drill a new well. Other options include switching to municipal water if possible, purchasing bottled water, or installing an in-home water treatment system.

# UW-Extension Sheboygan County

*Agriculture and Natural Resources*

Mike Ballweg, Agriculture Agent

## 2016 Landscape and Grounds Maintenance Short Course

Sheboygan County UW-Extension

5 University Drive, Sheboygan – Located on the UW-Sheboygan Campus

### WEEK 1 - Friday, February 5 - 1:00 pm

**Through the Seasons: Wisconsin Insect Trends of 2015 and What to Expect in 2016**

*PJ Liesch*  
UW-Extension Insect Specialist

**Deadly Diseases in the Landscape: New and Emerging Diseases to Keep on Your Radar**

*Dr. Brian Hudelson*  
UW-Extension Plant Disease Specialist

### WEEK 2 - Friday, February 12 - 1:00 pm

**Practical Tree Pruning for Long Term Structural Strength and Health**

*Mike Wendt*  
Horticulture Instructor, MATC

**Biomimicry: Improving Performance, Economics, and Ecology with an Old School Design Approach**

*Mike Marek*  
Land Restoration & Landscape Designer  
VP Marek Landscape LLC

### WEEK 3 - Friday, February 19 - 1:00 pm

**EAB Injection Methods & Insecticide Efficacy**

*Chris Williamson*  
UW-Extension Turfgrass and Ornamental Entomologist

**What's New With Invasive Plants in Wisconsin**

*Kelly Kearns*  
DNR

### WEEK 4 - Friday, February 26 - 1:00 pm

**Brown is a Color Too: Landscaping for November and Beyond**

*Ben Futa, UW-Madison*  
Director of Allen Centennial Gardens

**Proven Plants from the Chicago Botanic Garden's Trials**

*Richard Hawke*  
Chicago Botanic Garden

## Horticulture Contributes To The Sheboygan County Economy

Sheboygan County sales of greenhouse, nursery, Christmas trees, fruits, vegetables, and floriculture products total \$6.3 million annually. Landscape and grounds maintenance businesses create additional full-time jobs and many seasonal jobs.

One hundred twenty-seven (127) have registered for the Landscape and Grounds Maintenance Short Course this year. Over 95% of short course participants from week #1 rated the class as either **excellent** or **good**.



# UW-Extension Sheboygan County

*Family Living & Wisconsin Nutrition Education Program (WNEP)*

Jane Jensen, Family Living Educator

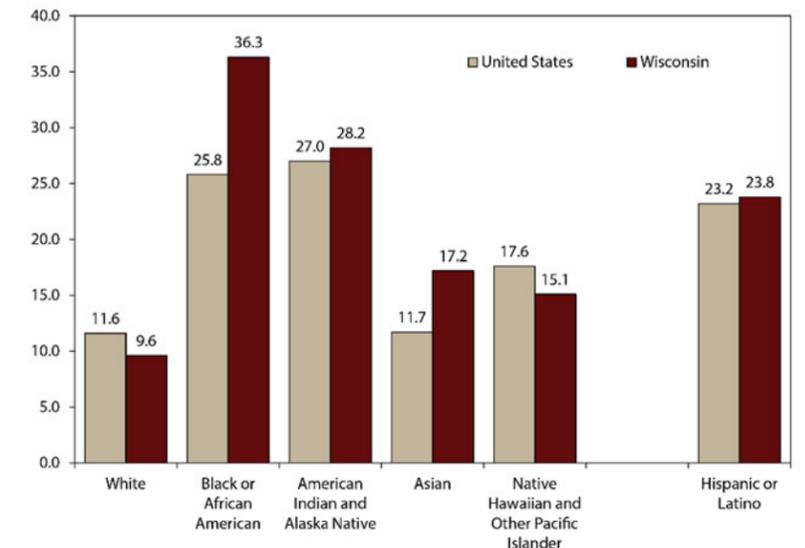
In collaboration with the Aging & Disability Resource Center, **Jane led a series of four focus groups to identify ways in which the Family Caregivers Coalition in Sheboygan County can continue to serve the current and emerging needs of family caregivers** in the next 3-5 years. Jane worked with the steering committee to determine target caregivers (developmental disabilities, memory loss, physical disabilities, and frail elderly) and develop the questions. Employed family caregivers were mixed into all four groups. Jane asked a series of seven questions over a 90 minute period, and the confidential responses of the participants are being summarized to share with members of the Family Caregivers Coalition, stakeholders, and the community at large.

Laura Apfelbeck, Nutrition Education Program Coordinator

WNEP educators need to work effectively with low-income audiences. The mission of WNEP is to help families and individuals with limited resources choose healthful diets, purchase and prepare healthful food and handle it safely, and become more food secure. In our county a disproportionately large number of Hispanic, Latino, and African-American people face poverty.

The Institute for Research on Poverty notes that Hispanic, Asian, and African-American families are more likely to be poor in Wisconsin: The poverty rate for African-Americans in Wisconsin is 36.3%, 10.5% higher than the national rate of 25.8%. Poverty among Hispanics or Latinos in Wisconsin is 23.8%, slightly above the national rate of 23.2%. Wisconsin's poverty rate for Asians is 17.2% compared with a national average of 11.7%. The state poverty rate for whites is 9.6%, 2 percentage points below the national poverty rate of 11.6%. (See <http://www.irp.wisc.edu/faqs/faq4.htm>)

Figure 1. Poverty Rates by Race and Hispanic Origin, 2007–2011: U.S. and Wisconsin



Source: U.S. Census Bureau, 2007–2011 American Community Survey.



With that in mind, **two new bilingual educators joined the WNEP staff this spring: Janeth Orozco and Kao Vang.** Janeth comes to us having spent five years with Partners for Community Development in Sheboygan and teaching language prior to that, while Kao most recently worked as a nutrition coordinator for the Long Tieng Academy in St. Paul, Minnesota, and before that as an interpreter in the Manitowoc Public School District. Laura is happy to have them both on board!