

Investing in Chippewa County Youth with 4-H



According to research completed by the Institute for Applied Research in Youth Development at Tufts University-

4-H'ers are **4X** more likely to make contributions to their communities, **2x** more likely to be civically active, and **2x** more likely to make healthier choices.

In Chippewa County 4-H, we believe in the power of young people. By providing opportunities to learn and lead, 4-H helps youth become informed and engaged community members. While exploring new topics and activities in an experiential way, youth build the skills they need for life.

In 2017, Chippewa County 4-H had a total of **55 screened adult volunteers** and **148 youth enrolled as 4-H club members**. In addition, **913 youth, or 13.9% of Chippewa County youth aged 5 to 19** took part in learning opportunities with MSU Extension.

Embryology Comes to The Sault Schools

The "Beginning of Life" 4-H project was brought to Soo Township Elementary School in May of 2018. The Embryology program is designed to teach responsibility, caring, and respect for a living thing. With an emphasis on a hands-on experience with living things, the program helps youth grasp developmental processes and stages of growth while introducing youth to scientific processes and other areas of science.

Maggie Merchberger, 4-H Program Coordinator for Chippewa County, taught The "Beginning of Life" 4-H project in six lessons. These lessons began with studying the parts of an egg to incubation, and keeping records of how the eggs were developing. Ending with the big event, hatch day. In addition to setting the eggs in the incubator the students also learned how to candle the eggs and build a brooder box for the newly hatched chick.

The students helped to set 15 eggs that were donated by a local hobby farm. Out of those 15 eggs the students successfully hatched 1 chick. They were very proud of their accomplishment.

This program has expanded into additional schools.



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Chippewa County 2018 ANNUAL REPORT

BY THE NUMBERS

- 100+** years serving Chippewa County
- 4 Extension professionals providing education in Chippewa County
- 1,061 youth involved in 4-H and other youth enrichment programs
- 45 students currently enrolled, 290 MSU Alumni live in Chippewa County
- 1 MSU Partner Hospital
- MSU Extension website received 1,136 Chippewa County visitors; 72% were first-time visitors
- \$42,837 spending with local businesses
- MSU disbursed \$1,167,352 in financial aid to Chippewa County students
- \$3,546,763 total economic impact in Chippewa County

MESSAGE FROM THE DISTRICT DIRECTOR

Over the past year, Michigan State University (MSU) Extension partnered with Chippewa County to continue strengthening youth, families, businesses and communities. Your MSU Extension staff members, grounded in local relationships, serve by bringing the university's research and resources to provide outreach and education in the areas Chippewa County residents need it most.



In this report, we're excited to share about the people and programs that are improving the lives of Chippewa County residents in many ways, including helping grow Michigan's agriculture economy, encouraging sustainable use of our natural resources, controlling health care costs by giving individuals the information they need to manage chronic illness and preparing tomorrow's leaders. From an in-person workshop to online education, MSU Extension professionals work every day to provide the most current information when people need it to ensure their success – in the workplace, at home and in the community. We're passionate about serving Chippewa County and are looking forward to a new year of serving. Thank you for your continued support of MSU Extension and for partnering with us to make a difference.

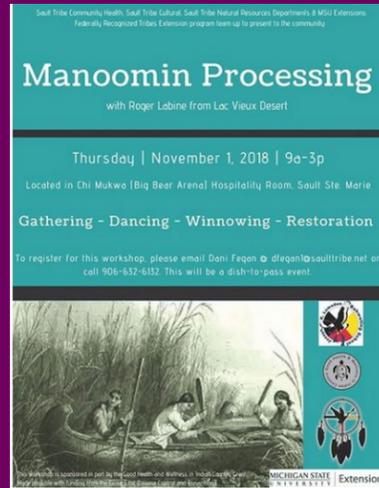
Erin Carter, District Director

CONTACT

- msue.anr.msu.edu
- msue.chippewa@county.msu.edu
- MSU Extension Chippewa Co
319 Court Street
Sault Ste. Marie, MI 49783
- MSU Extension Upper Peninsula
- 906-635-6368
- @MSUExtension



Program Highlights



Michelle Jarvie demonstration fish filleting.

Michigan Cottage Food Law

DATE & TIME:
Thursday, May 10th
Polluck @ 5:30pm
Training 6-8pm

LOCATION:
Gilligan Hall @
Waishkey Bay Farm
10135 W Mills Road
Brimley MI

Free to all Brimley/Bay Mills Farmers Market vendors and to members of all federally recognized tribes!

Learn how to prepare and sell foods to the public under Michigan's Cottage Food Law. This two-hour workshop combines the business and food safety aspects of preparing and selling cottage foods safely and successfully. Michigan Cottage Food Law allows residents to manufacture foods in home kitchens and store those products at home.

Topics include preparing, packaging, labeling, storing and transporting cottage foods.

Participants receive a certificate of participation.

Register with Kat Jacques at (906) 280-1788 or odonne44@msu.edu.

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Place-Based Food System Education

Chippewa county youth engaged in hands-on science, technology, engineering and math (STEM) learning around traditional foods. Ojibwe Charter School celebrated the 4th annual Cider Press Science Day exploring how simple machines turn apples to fresh cider.

JKL Bahweting Anishnabe Public School Academy 8th grade students took part in a traditional manomin (wild rice) processing workshop that involved parching, jigging, winnowing, and sorting the rice as well as harvest tool demonstrations, culinary skill building activities, and hearing about manomin restoration projects and the science involved in planning.

Health & Nutrition

About 100 people received food safety training in 2018, in the areas of food preservation, cottage food law, or ServSafe.

Seasons of the UP (6 classes and 3 field trips) were offered, with 35 attending. 350 adults attended 7-part nutrition training, with an additional 68 youth completing a nutrition series. One hundred seniors benefited from Project Fresh coupons.

Agriculture & Agribusiness

In partnership with Bay Mills Community College and Bay Mills Health Center we continue to offer regular food production education workshops to the entire community at BMCC's agriculture education center Waishkey Bay Farm in Brimley. Our 2018 workshops included DIY low hoops for season extension with raised beds, tomato pruning and trellising for hoop houses, shiitake mushroom cultivation, seed saving, soil health, berry care, garlic planting, and Michigan Cottage Food Law.

Program Highlights

Boat to School

MSU Extension partnered with JKL Bahweting Anishnabe, a public tribal charter school, to help 6th grade students experience a fish filled week. This program highlighted the importance of fish to our Great Lakes ecosystem and how humans have been managing those fish and enjoying their benefits for many years.

Tasting whitefish tacos while learning about seafood's nutritional benefits, dissecting walleye stomachs to learn about fish diets, and a fisheries career panel were a few of the activities. Students were able to visit a walleye hatchery to see the entire process of raising walleye for release into the wild. They also visited Massey's Fish company where they learned about sustainable commercial fishing, methods, fish population dynamics, and tasted many fresh samples.



MSU Extension partner Jamie Massey of Massey's Fish Company describes sustainable commercial fishing methods to students from JKL Bahweting Anishnabe Public School Academy.

Constitution Day

On September 17 local sponsors teamed to hold the 5th annual Constitution Day Celebration at the Chippewa County Courthouse. Approximately 145 students attended from area schools.

Judge Amy Krause of the Michigan Court of Appeals, the keynote speaker, provided insight about various aspects of the Constitution, particularly as it pertains to freedom of speech and our right to vote.

Local attorneys and judicial staff volunteered their time to facilitate student discussions.

Students divided into small groups to discuss six federal court cases involving the First and Eighth Amendments.

Sponsors included the League of Women Voters, Chippewa County 4-H, EUP Intermediate School District, and Judge Eric Blubaugh on behalf of the Chippewa County Court system.



Judge Amy Krause talking to the students about the Constitution.