



MICHIGAN STATE
UNIVERSITY | Extension



Funded by State, Federal, County & Grant Dollars

Every \$1 Invested = \$6 in Programs & Services

Improving the Lives of Grand Traverse Residents

Over 8,100 County Participants



Developing Youth & Communities

Susy White, 4-H Program Coordinator

Life Skills
Workforce Preparation
STEM Learning
Early Literacy Skills
Leadership & Decision Making

JOIN  THE
REVOLUTION
OF RESPONSIBILITY



2,107 Youth Participants

- Robotics & sciences
- Archery & shooting sports
- Health & nutrition
- Outdoor education
- Literature & creative arts
- Small animal & livestock

Hands-On Learning

- Exploration Days at MSU Campus
- Science Learning in Elementary
- Financial Management
- Animal Science
- Positive Sportsmanship
- Problem Solving
- Marketing



Growing 4-H 100 New Youth

- STEAM learning with AmeriCorp Service member
- Introduction to Babysitting: child development, safety, marketing
- Science Learning: chemistry, engineering, garden science



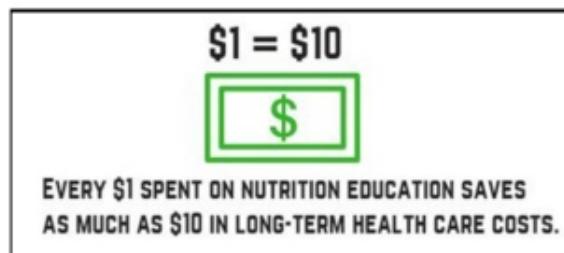
4-H Livestock Auction

- \$642,097 Raised
- 360 Local Youth Participated
- 23 Animals Donated to Local Food Pantries/Charities
- 1,100 Youth Participate in the Livestock Council Program

Keeping People Healthy

Fostering Health Through Nutrition & Physical Activity

Sarah Eichberger, MPH RD
Supervising Educator, Nutrition & Physical Activity



Community Partners:

Munson Healthcare
Farmer's Markets: Sara Hardy, The Commons
Traverse Bay Area ISD Life Skills Center
Grand Traverse County
Long Lake Elementary



Supplemental Nutrition Assistance Program

Michelle Smith, RD

Jane Rapin, RD CDE

Community Nutrition Instructors



Evidence-Based Curriculum

Reinforces healthy eating and physical activity

Community Nutrition Interventions

Education for food insecure adults

Choosing & cooking healthy food



4,424 Participants



GT Wellness
feel, think, live, be...



Worksite Wellness partnership with Grand Traverse County



Caitlin Lorenc
Program Instructor

Westwoods Elementary



BEFORE



AFTER

\$2,921
Grant Funding
Received

New Playground
Equipment
Promotes More
Activity

Cafeteria
Improvements
Encourage
Healthier Choices

\$5,514
Grant Funding
Received

Silver
Wellness
Award

Student Team
Created and
Served Items for
Taste Tests

Blair Elementary
Student Leader Team

Blair Elementary



BEFORE



AFTER



FoodCorps in the Local Community

Erin Baumann
FoodCorps Service Member



Delivery of hands-on
nutrition and food
systems education

Traverse Heights Elementary Greenhouse



69 Hours of
Hands-On
Lessons

203
Students

10
Classrooms

Fun,
Interactive
Taste Tests



Reducing Anger, Bullying and Stress

Patricia Roth, Social Emotional Educator

Stress Less With Mindfulness

229
County
participants

95% or better
improvement in
managing stress by
using mindfulness
tools

Adult Volunteers
Community Members
Parents/Caregivers
Students
Teachers

RELAX Alternatives to Anger

2 weekly classes
in partnership with
Traverse Bay Area
Intermediate School
District

Series taught at
Long Lake Elementary
for 8 teachers

92% or better
improvement in anger
management

Weathering the Storm in Agriculture

85 Fruit
Producers
Participated

Helps participants
understand signs
and symptoms of
chronic stress

Resources
to handle stress for
more productive
mindset on
the farm

Supporting Ag & Agribusiness



Saskatoon Research



Hops Production Education



Integrated Pest Management Update Meetings

Native Pollinator & Monarch Butterfly Conservation



2018 NW Michigan Orchard & Vineyard Show



Profitable & Efficient Business & Production Practices



Consumer Horticulture Programming & Services



Over 250 residents utilized Plant & Pest Diagnostic Services

Engaging Citizens
Improving Food Security
Developing Youth

61 Active Master Gardener Volunteers

- Community projects
- 3,500 hours
- \$86,000 value



Pollinator Garden at Clinch Park

MICHIGAN STATE UNIVERSITY | Extension



Smart Gardening

Research-based Knowledge

Gardening Hotline
Gardening in Michigan website
Ask an Expert system
Soil tests for home gardens & lawns
Master Gardener training & volunteer program



MSU Product Center

Assistance & support for county residents in developing products & businesses in:

Food

Agriculture

Natural Resources

Bio Economy

263
Counseling
Sessions

30 New
Jobs
Created

\$2,639,000
Increased
Annual Sales



\$944,000
New Investment
Value



Fostering Strong Communities

John Amrhein

Government & Public Policy Educator

Best practices in good governance keeps communities solvent, productive and engaged

- Northern Michigan Counties Association
- Real Colors workshop for County Employees
- New Commissioner School
- Statewide Ballot Issues Education Programs
- Township Workshops: Improving Meetings and Working Together to Govern Better
- Facilitation of planning and economic development discussion between Board of Commissioners and township leaders



Enhancing & Protecting Great Lakes Coastal Resources

Mark Breederland

Michigan Sea Grant Educator

Outreach Topics & Programs:

- Coastal Ecosystems
- Sustainable Fisheries and Aquaculture
- Resilient Communities and Economics
- Environmental Literacy and Workforce Development
- Coastal Hazards - Dangerous Currents



11th Annual
Freshwater Summit

FishPass Project
Union Street Dam



**Thank you for your partnership with
MSU Extension in providing
education and outreach to the
citizens of Grand Traverse County.**