

2021 MAEP Annual Meeting

Michigan Association of Environmental Professionals

Weber's Inn- December 9, 2021



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Save the Date for
2022 Golf Outing

WEDNESDAY

JULY 13, 2022

LINKS OF NOVI



2021 Grant Committee

- ▶ Jennifer Lagerbohm
- ▶ Kelly Gallagher
- ▶ Kathleen Klein
- ▶ Laura Lambert
- ▶ Dave Lanzola
- ▶ Poonam Rameshbabu
- ▶ Joshua Schuyler

Received a total of **18** applications

Requesting a total of **\$30,246.00**

The Grant Committee reviewed and scored the applications and voted to award **13**

Grants for a total of **\$15,085.88**



Scoring Criteria and Selection

Our goal is to fully fund environmental education programs that support practical applications for solving environmental problems and/or the collection of data for analysis towards a better understand of environmental issues.

1. Hands-on environmental experiential education
2. Quality/uniqueness of the educational experience
3. Geography and populations in Michigan
4. Effort is made to fully-fund programs to ensure viability of the program



Nottawa Community School District Enhanced Garden Club

- ▶ “The goal of this project is to enhance our budding garden club by adding hot water heat so that plants may be grown year round in the 8 by 16 foot greenhouse that will be installed this summer.”
- ▶ Grades 4-8
- ▶ Approximately 150 students involved in the program
- ▶ District funding the installation of the greenhouse
- ▶ **\$1,925.00**



Detroit Public Schools Munger Michigan Garden

- ▶ “Our school garden is not only a "community outreach", but an opportunity for our students to give of their time and talent for the betterment of their school and student body.”
- ▶ Expand outdoor learning with a hands-on, edible educational garden habitat filled with birdhouses, birdbaths, and a large variety of only Michigan plants & herbs. A pea-pebble walkway will allow students to meander through the Michigan plants and herbs, occasionally sitting down in 6 different placed benches where students can observe, collect data and journal write of the variety of Michigan life surrounding them. Students will be engaged and personally involved in the care and watering of this garden.
- ▶ **\$1,000**



Eastern Michigan University EMU Geology Field Experience Fund

- ▶ “Increase environmental experience in a field setting to apply what is learned in the classroom. Also provide important training, such as HAZWOPER, needed for environmental internships and jobs after graduation.”
- ▶ A **\$1,000** donation to the EMU Field Experience Scholarship Fund



Leland Public School Salmon in the Classroom

- ▶ “Our Salmon tank is beautiful, has a school-wide and community-wide presence, but the two years we have run the tank, we have failed with the only apparent reason being the water supply. We are applying for grants to secure water delivery to the school in hopes of having a successful year.”
- ▶ **\$1,000** for water delivery



Holly Area Schools Ecology Class Composting Project

- ▶ “I would like to begin a school composting program as part of my Ecology Class at Holly Middle School. I am hoping to increase environmental awareness and human impact as well as to reduce school waste and support the growth of our school garden. This is also a project based class, so I am hoping that students will be able to utilize this in some of their investigations.”
- ▶ Approximately 180 7th and 8th grade students per year
- ▶ **\$106.98** for Tumbling Composter and Compost Starter



University of Detroit Jesuit High School and Academy

Longitudinal Study of the Environmental Health of Rouge and Clinton River Watersheds

- ▶ “We hope to empower students to be a positive force for watershed health by: 1. Teaching students about the chemical, biological, and physical water properties that affect watershed dynamics. 2. Showing students how the health of their local watersheds has a direct impact on the great lakes and communities downstream. 3. Engaging them in hands-on learning that will connect them to the watersheds in their communities. 4. Teaching them about the policies and practices that govern land and water use within their watershed.”
- ▶ Approximately 50 total students from the environment science and AP biology classes each year
- ▶ **\$1980** for water quality and sampling equipment



Mattawan Consolidated Schools Bee-Inspired Beekeeping Club

- ▶ “The Bee-Inspired program provides a nature-based therapeutic service to students who need a hands-on, mold-breaking experience to engage them socially and academically.”
- ▶ The Bee-Inspired Beekeeping Club is currently operating three hives.
- ▶ The money budgeted below would allow us to expand our operation as well as maintain the hives already in production.

▶ **\$673.90**



Interlochen Center for the Arts On Sustainable Ground

- ▶ “We are going through an extensive GHG [greenhouse gas] audit and then will work closely with our consultant for how to bring our entire campus to Carbon Neutral 2028, our 100 year anniversary.”
- ▶ Plant eco grass and perennial native grasses, native shrubs, and native flowers throughout campus to increase native habitat for pollinators, animals, native beneficial insects, and improve our native ecosystem.

- ▶ **\$1500** seed money to purchase native plant starts and test plots of low-mow eco-grass



Holly Public Schools Native Flower Garden

- ▶ “Getting our school (Holly High) to Michigan Green School status, makes our school more eco friendly and includes educating students on being eco friendly”
- ▶ Making a garden of flowers that are native to Michigan
- ▶ **\$300**



Michigan Alliance for Environmental and Outdoor Education Conference

- ▶ “Prepared, confident, connected and empowered educators will leave the conference ready to inspire the groups they work with to be environmentally-literate citizens of Michigan.”
- ▶ An annual conference of 150+ formal and non-formal educators from all around the State of Michigan striving to help the children and adults of our state become better stewards of the environment
- ▶ **\$1,000** Sponsorship



Friends of the Rouge Rouge Education Project

- ▶ “The core mission of the program is to promote awareness and stewardship of the Rouge River watershed through school-based water quality monitoring, investigation, and problem solving. Through the REP, Friends of the Rouge strives to provide participating students with a new sense of appreciation for the Rouge River watershed and Great Lakes region as a whole, as well as an enhanced understanding of multidisciplinary science. The REP also hopes to observe improvements within this historically unhealthy river through the testing procedures conducted by - and the data collected from - the participating schools.”
- ▶ The REP reaches diverse groups of young people from many ethnic, cultural, and socioeconomic backgrounds throughout the Detroit area of southeast Michigan. Students typically range in age from 4th - 12th grade
- ▶ **\$1500** grant to partially-fund the on-going project



Huron River Watershed Council STEM Education K-College

- ▶ “HRWC’s mission is to protect and restore the river for healthy and vibrant communities. One of the main aspects of our work is outreach and education, including our K-12 STEM Education programming.”
- ▶ This grant proposal would also support our youth snorkeling series. HRWC offers a once-a-week summer program for middle and high school students that gets them out to the Huron River where they will snorkel to look for fish, underwater plants, and aquatic insects.
- ▶ **\$1500** to fund HRWC streamside education testing materials, including testing equipment, educational materials, and safety equipment.



Central Detroit Christian After School Science Program

- ▶ “The objectives of the science class in our after school program is to twofold: 1) Expose the kids, through the lens of science, to the amazing world around them 2) Help the kids build critical thinking skills using experimentation and the scientific method.”
- ▶ The target audience is the 30 4th and 5th graders who are part of Central Detroit Christian's after school program. All the kids attend school or live in the 48202 and 48206 zip codes in Detroit.
- ▶ **\$1600** to fund science supplies and experiments



2022 Board of Directors

▶ Newest Board Member:

- ▶ Russell Schindler

▶ Re-Elected Board Members:

- ▶ Vincent Buening
- ▶ Gail Carr
- ▶ Laura Lambert

▶ Returning Board Members:

- ▶ Wayne Amber
- ▶ Andrew Foerg
- ▶ Paul Glasser
- ▶ Robert Hunt
- ▶ Jennifer Lagerbohm
- ▶ Bhushan Modi
- ▶ Poonam Rameshbabu
- ▶ Joshua Schuyler

Thank you to Emily Bertolini for serving on the Board!