

Invasive ID Day Events 2019

Northern Great Lakes Visitor Center

Move events to Fridays to pick up on weekend visitation – increase contacts. Possible subjects and contacts for each event include:

Dates	Name/Program
Friday, May 10	Bayfield in Bloom – Staff booths with displays, invasive samples and Anna’s costumes. Register through Bayfield Chamber.
Friday June 7	Invasive Species Month – Ramsna
Friday, July 12	Wow Climate Institute
Friday, August 16	Maybe Paul Skawinski or RAW
Friday, September 20	Talk to Ben: do we have a DU group? If so, can we get them to this presentation? Ask Chris Hamerla, Sam Lammers. Leave No Trace?
Friday, October 11	Student Science Research Symposium; Drummond, Hurley, Washburn, Mellen, and Our Lady of the Lake (OLL) Middle School science students. Invite Bayfield Middle School if OLL declines. Invite agency/NGO’s to staff learning stations. Keynote: Raptor Education Group, Antigo, WI. * Fac.

Kids Fishing Day
ISIDD

Hunter, Fisher Crowd

R9/NA/NRS/FPL Youth Engagement Funding Request

Name of Program	4th Annual Student Science Research Symposium	This project involves: (check all that apply) <input type="checkbox"/> Region 9 <input type="checkbox"/> Northeastern Area <input checked="" type="checkbox"/> Northern Research Station <input type="checkbox"/> Forest Products Lab <input checked="" type="checkbox"/> Other Partners
Contact Person	Susan B. Nelson	
Email Address	susan.nelson@usda.gov	
Phone Number	(715) 685-2644	
R/S/A	Northern Research Station	
Forest/Unit/Location	Chequamegon-Nicolet NF	
Ranger District	Northern Great Lakes Visitor Center	
Where will the program occur?	Ashland, Wisconsin	
When will it happen? (please enter date(s) of program)	October 11, 2019	
Please list all Program Partners (internal and external, please list name, organization, phone number and email)		

Washburn Middle School, William Schlager, Middle School Science Teacher, (715) 373-William Schlager, 715-373-6188 ext 160, wschlager@washburn.k12.wi.us
 Drummond Middle School, Andy Arthur, Middle School Science Teacher, 715-739-6669 ext. 202, aarthur@dasd.k12.wi.us
 Hurley Middle School, Diane Okrongly, Middle School Science Teacher, 715-861-4900, okrongly@hurley.k12.wi.us
 Our Lady of the Lake School, Betty Swinton, School Principal, 715-892-7600, principals@ourladyics.org
 Mellen Middle School, Eli Goyke, Science Teacher, (715) 274-3601 ext. 104, egoyke@mellendiggers.org
 Northern Institute of Applied Climate Science, Northern Research Station, Climate Change Specialist, Stephen Handler, 806-462-6303 x1321, stephen.handler@usda.gov (invited) ✓
 Bad River Band of Lake Superior Chippewa, Natural Resources Department, Certified Wildlife Biologist, Lacy Hill-Karlsm, 715-882-7123 ext. 1554, wildlifega@badriver-nsn.gov
 Bad River Band of Lake Superior Chippewa, Natural Resources Department, Invasive Species Coordinator, Darell Burns, (715) 882-7123 ext. 1559, ispecies@badriver-nsn.gov
 Bad River Band of Lake Superior Chippewa, Natural Resources Department, GIS Specialist, Suzi Smith, (715) 882-7123 ex. 1559, fspec@badriver-nsn.gov
 Red Cliff Band of Lake Superior Chippewa, Treaty Natural Resources Division, Gabrielle Van Bergen, Project Coordinator, 715-779-3795, gabrielle@redcliff-nsn.gov
 Bayfield County Land & Water Conservation Department, Aquatic Invasives Educator, Andrew Teal, (715) 373-6167, atea@bayfieldcounty.org
 Iron County Land & Water Conservation Department, Conservation Specialist, Zachary Wilson, 715-561-2234, zach@ironcountywi.org
 Wisconsin Department of Natural Resources, Forester, Colleen Matula, Colleen.Matula@wisconsin.gov, (715) 685-2911
 Wisconsin Department of Natural Resources, Senior Wildlife Biologist, Ryan Brady, (715) 685-2933, Ryan.Brady@wisconsin.gov (invited)
 National Park Service, Invasive Species Park Ranger, Steve Ballou, (715) 779-3395, stephen_ballou@nps.gov
 National Park Service, Lead Ranger, Hayley Behr, (715) 685-2656, hayley_behr@nps.gov

*Ask if there is anyone else to add
 Emma Wiermaa?*

Program Description

Write a brief description of your upcoming event project or program. Be specific about your audience, your partners, and what you want people to learn from the program/partnership (desired outcome). Specify the activities or products that will be developed or implemented to meet your desired outcomes. See attached guidance for details.

The Washburn, Our Lady of the Lake, Hurley, Mellen and Drummond Middle Schools are teaming up with the Northern Great Lakes Visitor Center (NGLVC) and area agencies and organizations to host the fourth annual Student Science Research Symposium at the NGLVC in 2019. The focus for this symposium is to share student research about natural resource issues in the Lake Superior watershed. It allows for cross-pollination between schools and expands student experiences in science, technology, engineering, art and math (STEAM). Participating schools have STEAM curricula, projects, and initiatives that focus on the importance of the health and welfare of our communities and Lake Superior watersheds. Agencies, tribes, and organizations participating in this student symposium have been working directly with students and teachers to augment their curricula throughout the school year. This symposium places an importance on student science achievements, showcases local school initiatives, promotes interest in STEAM careers, and develops leadership skills in area youth. Students gain experience presenting hands-on science activities before their peers and a chance to meet students from neighboring schools that share interests in science and the arts. A portion of the symposium is devoted to hands-on learning stations staffed by area natural resource agencies (includes state, tribal and federal entities) and other organizations. Resource professionals demonstrate research results in the Lake Superior region to address watershed issues. Students rotate to each station and must answer questions to show completion for each activity. This also gives students an opportunity to interact with natural resource professionals and learn about their jobs. Students from each school staff stations and lead hands-on activities to demonstrate what their schools are accomplishing. Students rotate to their school teaching stations in groups. Here's what the students from each school will share: Drummond students will show their Lake Ecology Education Program (LEEP) study results for the Eau Claire Lakes. The goal of the LEEP project is to provide Drummond Middle School students with the knowledge and aptitude to prepare students to become life-long lake stewards to protect and preserve the health of northern Wisconsin lakes. The program involves 13 classroom lessons and one field trip in the spring and fall of the year led by teachers, and specialists from county, state, federal agencies and the Northwoods Cooperative Weed Management Area. Drummond students will share methods/results of the 2018-19 research for macro-invertebrate and water quality studies. Students will show how the testing procedures were conducted and results interpreted. Washburn Middle School students will present their research results for their Wisconsin Green School Initiative "Edible Schoolyards". Washburn's specific focus is to show what they learned through the "Farm to School" program, which provides garden and nutrition education opportunities. Teachers use the Washburn School gardens to enhance math, science, social studies, language, and arts education. The food produced is served to the students through lunches in the school cafeteria and in cooking classes in the Family and Consumer Sciences classes. The overall vision is to use the "Green and Healthy" model to reduce environmental impacts and costs, improve health and wellness, and increase environmental and sustainability literacy for all Washburn students. In addition, Washburn middle school students will show

R9/NA/NRS/FPL Youth Engagement Funding Request

Enter estimated numbers for each category. If any part of the proposal addresses Every Kid in a Park, please indicate that you have an Every Kid in a Park program, and note the number of fourth graders who will participate. Every Kid in a Park programs can still include other audience groups (K-12 students, general public, etc).

Audience

K-12 Students K-12 Educators General Public Other Volunteers/Interns

Is this an Every Kid in a Park program? Yes No If yes, how many 4th graders will participate?

Budget

	Youth Engagement Fund Request	FS Unit Cash & In-Kind	Partner Cash & In-Kind	Total
Personnel	\$ 1,250.00	\$ 655.38	\$ 2,927.28	\$ 4,832.66
Travel FS/partner travel	\$ 198.00	\$ 0.00	\$ 0.00	\$ 198.00
Materials & Supplies	\$ 404.15	\$ 3,550.00	\$ 940.00	\$ 4,894.15
Transportation (Buses, for example)	\$ 0.00	\$ 0.00	\$ 300.00	\$ 300.00
Other contracts	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00
Total	\$ 1,852.15	\$ 4,205.38	\$ 4,167.28	\$ 10,224.81

Please provide a written breakdown for the budget in the boxes below, separated by funds requested, FS in-kind, and Partner cash or in-kind. For example, if you are requesting salary, note the position, rate/hour, and number of hours for each salary. If you are purchasing materials and supplies, please list them here with the cost for each item. Examples will appear if you hover over each box.

YE Fund Request Details

Funding for this entire proposal will be obligated through an existing Forest Service agreement with the Superior Rivers Watershed Association. The agreement will be modified to secure the Youth Engagement funding. The budget for this symposium is as follows:
 The Superior Rivers Watershed Association (SRWA) scientists will also be funded to help with water quality studies at a pond on the visitor center grounds working with LaMotte reagents testing pH, turbidity, phosphates, dissolved oxygen, and nitrates. SRWA collaborates with area land management agencies monitoring over 1,600 square miles of the watersheds on Wisconsin's Lake Superior coastline and has extensive water monitoring experience. 2 personnel x \$200/6 hours equals \$400; 1 personnel x \$250/6 hours equals \$250.
 The keynote speaker for this symposium is the Raptor Education Group, Inc. Travel cost for 360 miles round-trip at .55/mile equals \$198. Program fee is \$600 (includes speaker fee and additional cost for "animal ambassador" handler). The presenter will feature the raptor rehabilitation work and successful releases to the wild. They will have raptor ambassadors that are non-releasable to display and talk about during their presentation. You can visit their website at: <http://www.raptoreducationgroup.org/>
 LaMotte water testing reagents will be needed for the water testing activity with SRWA. This includes pH, phosphates, nitrates, and dissolved oxygen. LaMotte® TestTab® Refill, Dissolved Oxygen, 25 Tests \$12.25/each x 2 equals \$24.50. LaMotte® TestTab® Refill, Nitrate Nitrite, 50 Tests, \$14.00. LaMotte® TestTab® Refill, Turbidity, 50 Tests, \$19.95. LaMotte® TestTab® Refill, pH, 50 Tests, \$16.95. LaMotte® TestTab® Refill, Phosphate, 50 Tests, \$9.95. LaMotte® TestTab® Refill, Chlorophyll, 50 Tests, \$9.95. LaMotte® TestTab® Refill, Dissolved Oxygen, 50 Tests, \$12.25. LaMotte® TestTab® Refill, Nitrate Nitrite, 50 Tests, \$14.00. LaMotte® TestTab® Refill, Turbidity, 50 Tests, \$19.95. LaMotte® TestTab® Refill, pH, 50 Tests, \$16.95. LaMotte® TestTab® Refill, Phosphate, 50 Tests, \$9.95. LaMotte® TestTab® Refill, Chlorophyll, 50 Tests, \$9.95. LaMotte® TestTab® Refill, Dissolved Oxygen, 50 Tests, \$12.25. LaMotte® TestTab® Refill, Nitrate Nitrite, 50 Tests, \$14.00.

FS Cash and In-Kind Details

Enviroscape watershed model (\$1,378). UW-Stevens Point groundwater model (\$1,500). Supplies and accessories for Enviroscape model \$150. USFS Interpretive Services Specialist 12 hours x \$27.32/hour (includes time on symposium planning team). USFS Wildlife Biologist 6 hours \$27.97/hour. USFS Ecologist 6 hours x \$26.62/hour.

Partner Cash and In-Kind Details

Bad River Tribal Natural Resources staff will be sharing new mapping apps on ipads to demonstrate mapping of invasive species on the Bad River Reservation. The equipment is valued at Samsung tablets \$160/each x 4 for a total of \$640. Tribal staff will show equipment they use to track timber wolves and demonstrate radio telemetry equipment \$350/collar and transmitter,

- This proposal has been reviewed by Grants and Agreements and/or Procurement staff to ensure the activities and purchases I am proposing fall within the appropriate mission area authorities.

Name of G&A/Procurement Staff

- I understand and agree to the reporting requirements for this funding as described in the instructions

- My supervisor has working knowledge of this program and has designated staff time for implementation

Line officer name/title

Line officer email

Line officer signature

Digitally signed by PAUL STRONG
Date: 2018.12.14 08:39:03 -0600

Submissions due by Friday, December 14, 2018.
 Email your proposal to: eastern_youth_alliance_team@ms.fs.fed.us