



## Jan-July 2015~ LSSI Teacher Professional Development & Community Events

To register, contact: Loret at 482-0331 or [loret@copperisd.org](mailto:loret@copperisd.org) For info, contact: [Jchadde@mtu.edu](mailto:Jchadde@mtu.edu) or 487-3341

### Teacher Workshops

- February 5 & 17 **NOAA Assets Dinner and Dialogue** (Michelle Miller, MTU graduate student) at CCISD  
March 5 **TRAC Workshop: *TR*ansportation *And* *C*ivil engineering** (Julie VanPortfliet, TRAC Program manager MI Dept. of Transportation (MDOT) at MTU-GLRC\*  
March 3 **Project Learning Tree** Teacher Workshop (Chris Hohnholt, MTU School of Forest Resources and Environmental Science and Joan Chadde, MTU Center for Science and Environmental Outreach)  
April 10 **Earth Force Refresher Teacher Workshop** at CCISD  
April 24 **Project WET** (Joan Chadde, MTU Center for Science & Environmental Education) at MTU-GLRC\*  
May 8 **School Gardening** at MTU-GLRC\*

### Summer Teacher Institutes

- June 22-26 **Intermodal Transportation: By Rail, Air, Highway, Maritime**  
July 6-10 **Engaging Students in Research**  
July 13-17 **Global Change**  
July 20-24 **Designing a Sustainable Future** (tentative - funding pending)  
July 27-31 **Aquatic Investigations at the Belle Isle Aquarium** (tentative - funding pending)  
\*MTU-GLRC = Michigan Technological University Great Lakes Research Center

### Community Events

- January 15 **Green Film: *The Human Scale*** ~ Discussion Facilitator: Nathan Miller, Keweenaw Land Trust  
February 19 **Green Film: *Forks Over Knives*** ~ Discussion Facilitator: Ray Sharp, Western UP Health Dept.  
March 19 **Green Film: *DamNation*** ~ Discussion Facilitator: Joe Wagenbrenner, MTU School of Forest Resources & Environmental Science  
March 23 **World Water Day Presentation & Reception: *River Restoration*, by Dr. Peter Goodwin, Director Center for Ecohydraulics Research, University of Idaho**  
March 24 **World Water Day Panel Presentation: *Damn Dam?*** Panelists: Dr. Goodwin, Dave Rulison, Otter Lake landowner; Bill Leder, Copper Country Trout Unltd; James Pawloski, MI DNR (TBD)  
April 16 **Green Film: *Symphony of the Soil*** ~ Discussion Facilitator: Dr. Even Kane, U.S. Forest Service  
April 21 **Celebrating Lake Superior** at MTU Great Lakes Research Center (6-8 pm)  
May 21 **Green Film: *Story of Stuff, Story, of Change, and Story of Solutions*** ~ Discussion Facilitators:  
Christa Walck, MTU Associate Provost and Rick Loduha, co-director, Sustainable Keweenaw Resource Center in the Finlandia University Jutila Center for Global Design & Business  
May 14-17 **Lake Superior Youth Symposium** for Gr. 7-12 students and teachers in MI, WI, MN, ON at Thunder Bay, Ontario <http://2015thunderbaylakesuperioryouthsymp.blogspot.ca/>  
June 18 **Green Film: *A Will for the Woods*** ~ Discussion Facilitator: Jay Green, Keweenaw Green Burial

Committee, and Mark Dennis, O'Neill-Dennis Funeral Home and

\*All Green Films are 7:00-8:30 pm in G002 Hesterberg Hall in the MTU Forestry Building

### Conferences

- Feb. 27-28 **Michigan Science Teachers Conference "Engineering GRAND Ideas in Science"** at the Grand Plaza Hotel in Grand Rapids, MI  
March 12-15 **National Science Teachers Association** annual conference "Great Lakes/Great Ideas" at McCormick Place in Chicago, IL  
Oct. 9 **Copper Country ISD Area-Wide Teacher In-Service**  
Oct. 9-11 **Michigan Alliance for Environmental & Outdoor Education** annual conference in Sault Ste. Marie, MI

- Oct. 15-18 **North American Association for Environmental Education** annual conference in San Diego, CA
- Nov. 2015 (TBD) **Great Lakes Place-based Education Conference** coordinated by the Great Lakes Stewardship Initiative

### Important dates

- March 15 Deadline to register for a seat on the bus to the LSYS in Thunder Bay
- June 12 LSSI Final Reports due
- TBD Deadline to submit LSSI grant proposal for 2015-2017

### Community Outdoor Nature Program Jan-June 2015

- \*Monday Programs are 6:00-7:30 pm  
Saturday Programs are 2:00-4:00 pm

#### **MONDAY, JAN 19 NARA NATURE CENTER**

Weave a stick basket to collect items on a nature hike that can be used to create a winter ice ornament.

#### **SATURDAY, JAN 31 NARA NATURE CENTER**

Become a tracking detective as you search for animal tracks in the woods to find out what animals live there!

#### **MONDAY, FEB 9 NARA NATURE CENTER**

Star-gazing is lovely, even in the winter! Take a night hike in the forest and learn to identify constellations in the winter sky.

#### **SATURDAY, FEB 28 MAASTO-HIITO CHALET**

What is going on beneath the snow? A flurry of activity! Take a hike and investigate the world beneath all that snow.

#### **MONDAY, MAR 9 NARA NATURE CENTER**

Where do hibernating animals live all winter? Explore the forest and see if you can find materials to build a cozy critter home.

#### **SATURDAY, MAR 14 NARA NATURE CENTER**

Discover the magic of maple syrup! Learn about the process of tapping trees & collecting the sap that gets boiled down to sticky sweetness!

#### **MONDAY, APR 13 NARA NATURE CENTER**

Using binoculars, hunt the Nara wetlands for migrant songbirds. Then test your nest-building skills & make a nest that can withstand wind!

#### **SATURDAY, APR 25 MAASTO-HIITO CHALET**

Animals have some very special secrets to surviving in the wilderness. Learn about these adaptations as you explore the Maasto-Hiito trails.

#### **MONDAY, MAY 4 MAASTO HIITO CHALET**

Bring your muck boots! Survey the Swedetown Creek for frogs and learn to identify some of our common local species.

#### **SATURDAY, MAY 16 NARA NATURE CENTER**

Leap into Spring! Take a nature hike and learn about all the changes taking place in the forest as winter gives way to spring & then summer.

As of 1/16/15