Engaging Students in Authentic Science Research
Institute for Gr. 4-12 Teachers at Michigan Tech ~ July 6 - 10

- Research design methods & procedures
- Forest Hydrology
- Climate Science
- Bird Habitat
- Insect Inventories
- Wetland Ecology
- Aquatic Invasive Species
- Visit local school sites

Register by Tuesday, June 2nd
Cost: $150 off campus
     $400 on campus
Earn 2 graduate credits
*Travel Stipends for Detroit teachers
Course Credit & Requirements
Participants will earn 2 graduate credits (xxx) from Michigan Technological University.

Course requirements:
◊ Complete pre-course readings and reflections.
◊ Participate fully in all parts of the Institute.
◊ **Develop two lesson plans after the institute** related to engaging students in authentic research (using the rubric provided) and that meet applicable content expectations. Participants should plan to implement the unit during the 2015-16 school year.  
  *Due September 2, 2015.*

Master of Applied Science Education
The credits earned from this institute can be applied to an 18 semester-hour planned course of study for teachers working towards their Professional Certificate or a Master of Science in Applied Science Education at Michigan Tech.

Cost:
$150 off campus includes 2 graduate credits, 5 lunches, field trips, and classroom supplies, or $400 on campus which also includes five nights lodging and meals. Cost has been reduced through the generous support of a grant from the National Science Foundation (2014/15 Official Applied Science Education Graduate Resident and Non-Resident is $534.50 per credit).  
*Payment due June 2nd.*  
Pay by credit card by calling MTU Cashier at 906.487.2247.

Financial Aid
The Michigan Space Grant Consortium K-12 Educator Incentive Program will provide up to $400 for teachers to attend workshops: 
[http://mi.spacegrant.org](http://mi.spacegrant.org)

Getting to Michigan Tech
Michigan Technological University is located in Houghton, MI (pop. 7,000). United Airlines is the sole airline serving Houghton (800.241.6522 or www.united.com) with 2 flights daily from Chicago. Taxi service is available by calling Copper Country Limo & Taxi at 906.482.4761.

How to Register
Complete teacher institute application online:  
[2015 Engaging Students in Authentic Science Research Registration](http://wupcenter.mtu.edu/)
OR  http://wupcenter.mtu.edu/

**Application deadline June 2, 2015.** For more information: 906-487-3341 or jchadde@mtu.edu

Register for MTU credits at:  

For questions regarding credit, contact:  
Lori J. Witting, Coordinator  
Cognitive & Learning Sciences  
Michigan Technological University  
Work: 906-487-2263  Cell 906-370-9748  
Email: lori@mtu.edu

Accommodations
Participants staying on campus will receive five nights lodging in single rooms with private baths in Michigan Tech’s new Hillside Place and all meals from Monday breakfast through Friday lunch. Easy walking distance to downtown Houghton and Michigan Tech hiking and biking trails. Find out more about Michigan Tech at [http://www.mtu.edu/](http://www.mtu.edu/)