A Face In The Rock
Teacher Workshop on Grand Island
9:30 am ~ 4:00 pm, Friday-Saturday, Sept. 24-25

For Language Arts, Social Studies, and Science Teachers

WORKSHOP HIGHLIGHTS

FRIDAY

- **Native American history** with Dolores LeVeque (great-great-granddaughter of Powers of the Air).
- **Interpretive tour** of Grand Island historic and archaeological research sites with Janel Crooks, Hiawatha National Forest.
- **Nature Journaling and more** (TBA).

SATURDAY

- **Reflections on the Grand Island Chippewa** by Dr. Loren Graham, author of Face in the Rock.
- **What Americans Have Wanted from Their Schools** by Dr. Pat Graham, former Dean, School of Education, Harvard University.
- **Enjoy a rare opportunity to visit Old North Lighthouse** (north end of island).
- **Largest natural engineering feat--Echo Lake Beaver Dam on Grand Island** with Dr. Alan Rebertus, Northern Michigan University (TBA).

Addresses Michigan Content Standards for Science-Ecosystem strand, Social Studies-Historical, Geographic, and Economic strands, and Language Arts Standards 1, 3, 4, 5, 8, 9, 11, 12.

~ MAY ATTEND ONE OR BOTH DAYS ~

WORKSHOP LOGISTICS

**Location:** The workshop will take place on Grand Island, near Munising, MI. Participants will meet at the U.S. Forest Service ferry dock for Grand Island at 9:30 AM both Friday & Saturday. The ferry will depart starting at 9:45 AM and return at about 4 PM each day. The workshop will take place entirely outdoors. Overnight accommodations are responsibility of participant. Camping available.

**Cost:** $55 for one day, $80 for both days (includes ferry, bus tour, handouts, and lunch both days). Make checks payable to the Copper Country ISD. **Participants in the CCISD Eisenhower Consortium can have their registration reimbursed after the workshop.**

**HOW TO REGISTER**

Send registration form and payment to:
Loret Roberts, Western U.P. Center for Science, Mathematics and Environmental Education
P.O. Box 270, Hancock, MI 49930
Tel: 906-482-0331 Fax: 906-482-5031
Email: loret@ccisd.k12.mi.us

Limited to 25 participants. Registration deadline is Friday, September 17. **No refunds after September 17.**

Workshop Sponsors
Western Upper Peninsula Center for Science, Mathematics and Environmental Education
Wege Foundation ? Michigan Technological University
This novel by Loren Graham, published in 1995, describes the legend of Powers of the Air and the band of Chippewa living on Grand Island in the nineteenth century. Grand Island lies off the south shore of Lake Superior, near Munising. It was once home to a sizable community of Chippewa Indians who lived in harmony with the land. Their tragic demise began in the nineteenth century when fellow tribesmen from the mainland goaded them into waging war against rival Sioux. The war party was decimated; only one young brave, Powers of the Air, lived to tell the story that celebrated the heroism of his band and forms the basis for the legend that survives today. Powers of the Air lived to witness the desecration of Grand Island by the fur and logging industries, the Christianization of the tribe, and the near total loss of the Chippewa language, history and culture. The story ends with the protection of Grand Island and the resurgence of Chippewa culture.

Loren Graham
Loren Graham is a historian of science with a joint appointment at Harvard University and Massachusetts Institute of Technology. He has spent more than forty years researching and reconstructing the poignant tale of Powers of the Air and his people.

What to Bring
warm clothing    raingear
warm jacket    insect repellant
water bottle    backpack    hiking shoes

The workshop takes place entirely outdoors. Participants should be prepared for windy, cold, or rainy weather.

Credit
One credit from Michigan Technological University (ED 5680 @ $198/credit) OR Northern Michigan University (ED 989; $235/credit) is available. University tuition is the responsibility of participants. Registration for NMU and MTU credit will be on first day of workshop.

For More Information
Contact Joan Chadde at jchadde@mtu.edu or call (906) 487-3341, or visit the Center’s website at: http://wupcenter.mtu.edu/teachers.html

Send registration form and payment by Friday, September 17 to Loret Roberts, Western U.P. Center, P.O. Box 270, Hancock, MI 49930. NO REFUNDS AFTER SEPTEMBER 17.