



**Michigan
Technological
University®**

Detroit HS Students Natural Resource & Engineering Career Exploration

**Michigan Technological University - U.P. - DNR
Mon-Sat., June 26 - July 1, 2017**

Overview of the Experience

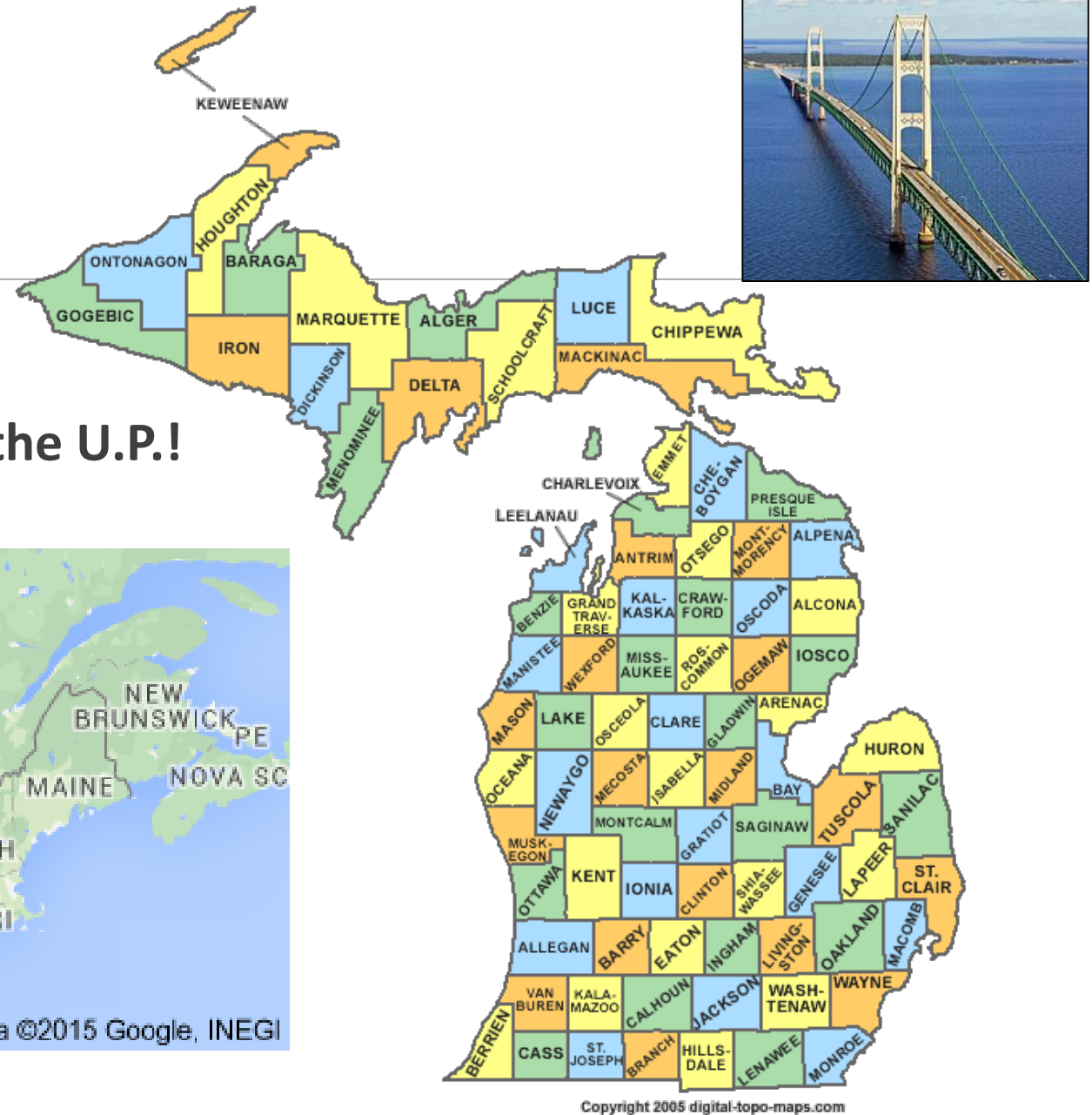
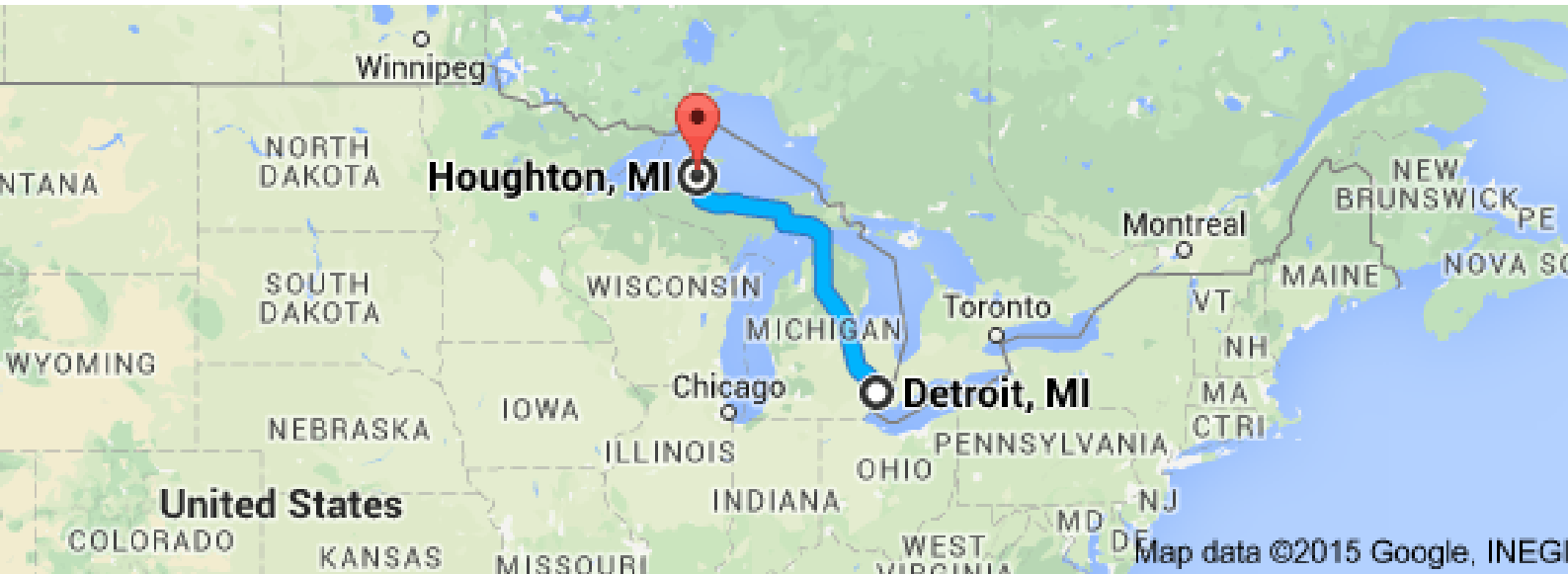
- 1. Where are you going?**
 - 2. Who are you going with?**
 - 3. What are you going to do?**
 - 4. How are you getting there?**
-
- 5. Why are you going?**
 - 6. Is it really free?**

1. Where are you going?

Houghton, Michigan

9 h 10 min (555 miles) via I-75 N

You will cross the 5-mile Mackinac Bridge to the U.P.!



Who are you going with?



**1. Lisa Perez, U.S. Forest Service
Urban Connections Program**



2. Bruce Ross, MDNR and Ross & Contemporaries



3. Mike Reed, Curator of Education, Detroit Zoological Society



**4. Joan Chadde, Director, Center for Science
& Environmental Outreach,
Michigan Technological University**

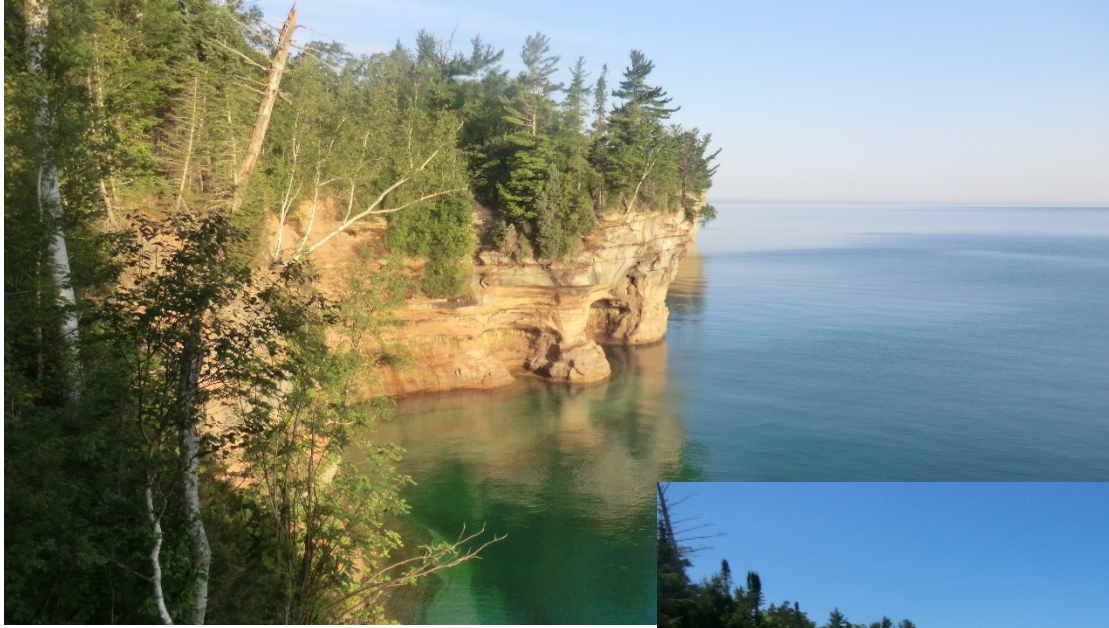
What are you going to do?

Spend 1st night at Michigan DNR Ralph A. MacMullen (RAM) Training Center on beautiful Higgins Lake



What are you going to do?

Visit Picture Rocks National Lakeshore near Munising



What are you going to do at Michigan Tech?



In the forest, identify tree species, survey insects; watch worms make soil, monitor frogs.

On the water, sample water quality aboard Agassiz research vessel in Lake Superior;

In the lab, examine plankton and dissect fish stomachs, drive Remotely Operated Vehicle (ROV),

Explore engineering fields – environmental engineering, human-monitoring devices, mechanical, biomedical, transportation engineering

What are you going to do?

Experience College Life

*Tour a college campus,
stay in the dorm, eat in the
dining hall, meet with
student organizations.*



What are you going to do?



**Visit Porcupine Mountains
Wilderness State Park**

How are you getting there?

Healthy Kidz bus 25-passenger bus



Why are YOU going?





Michigan Technological University

Houghton, MI



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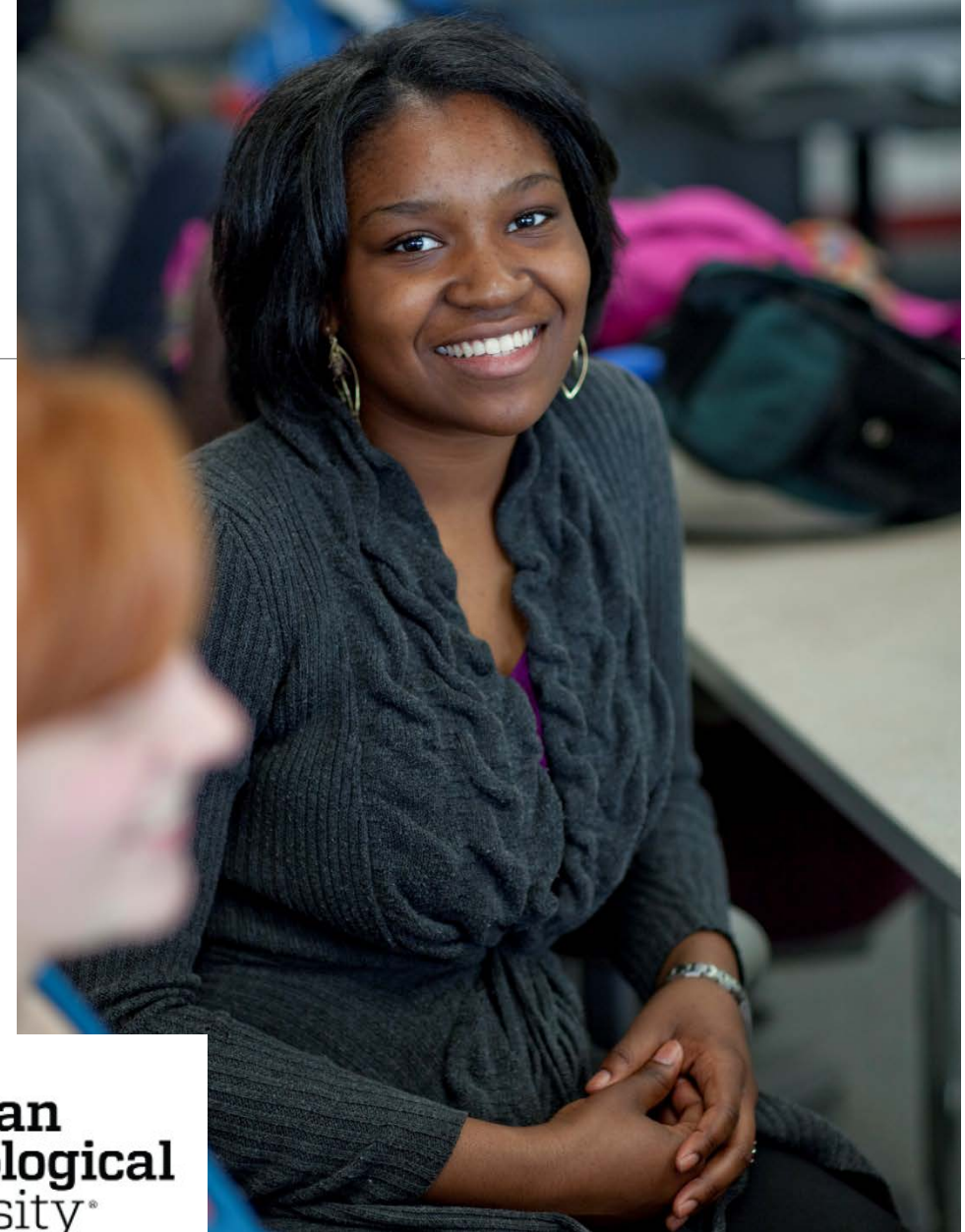


Michigan Tech Facts

- 7,238 students (2016-17)
- 14,000 people live in the local area
- Ranked among the top-tier of national public universities by *US News and World Report*
- 93% job placement rate
- **11th highest starting salaries in the nation**
- 13:1 student-to-faculty ratio
- 94% of undergraduate classes taught by professors



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Is it really free?

Coordinated by Michigan Tech Center for Science & Environmental Outreach

Funded provided by:

Michigan Technological University:

College of Engineering

School of Forest Resources & Environmental Sciences

Dept. of Civil & Environmental Engineering

Housing & Residential Life

Michigan Tech Transportation Institute

Pre-College Outreach Initiative

Admissions

Great Lakes Research Center & GM Ride the Waves

Michigan Department of Natural Resources

U.S. Forest Service

Preparation for the Experience

1) Pre-Trip Assignment for Students

STUDENTS – Please investigate *at least one* of the people listed below *before* our trip to MTU & UP, and write at least one sentence on what they do related to natural resources. Look online.

Which ones are from Detroit? Which ones are outdoor adventurers, scientists, natural resource professionals, educators and/or conservationists? Students will share what they learn.

2) Walk!!

3) Health form

4) List of What to Bring

Questions?

For more information/questions:

Michigan Tech Program Contact:

Joan Chadde, Director, Center for Science & Environmental Outreach

Michigan Technological University, Houghton, MI 49931

Tel: 906-487-3341 Email: jchadde@mtu.edu

Detroit Trip Leaders:

Mike Reed

Tel: 313-595-9729

Email: mreed@dzs.org

Lisa Perez