

## WHO WE ARE

The Michigan Geological Repository for Research and Education (MGRRE) and Michigan Basin Core Research Laboratory (MBCRL) at Western Michigan University's Department of Geosciences are dedicated to enriching and enhancing science education for K-12 students across Michigan.

MGRRE houses the largest collection of subsurface data and rock samples in Michigan. WMU-MGRRE scientists are dedicated to helping students and their teachers visualize what is underfoot in their own backyards and learn to read the "rock record" to understand the history of our constantly changing planet and the importance of safely and efficiently managing earth's natural resources.



## HOW TO REACH US

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Visit our website at: [www.wmich.edu/corekids](http://www.wmich.edu/corekids)

To arrange for a visit to our lab, or to have a WMU-MGRRE scientist visit your classroom, contact:

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# CORE KIDS

## K-12 OUTREACH PROGRAM



*MICHIGAN*  
*GEOLOGICAL*  
*REPOSITORY FOR*  
*RESEARCH AND*  
*EDUCATION*

Department of Geosciences  
College of Arts and Sciences  
Western Michigan University

*The earth is ancient...*

*The earth is constantly changing...*

*The earth is rich in natural resources...*

*The earth impacts us, and we impact the earth...*

**We can help you to bring these concepts alive for your students with rock samples and data taken from deep within the earth through:**

- TEACHER WORKSHOPS
- FIELD TRIPS TO THE LAB
- SCHOOL VISITS
- INTERNSHIPS FOR HIGH SCHOOL STUDENTS



*"Lifelong scientific literacy begins with attitudes and values established in the earliest years."*

--National Research Council



## *LEARN...*

...how the land that is now Michigan was once a tropical marine environment.

...about fossil sea life preserved in the rocks from deep below the surface in Michigan.

...how scientists are working to preserve Michigan's coastlines.

...how scientists find and manage groundwater.

...how understanding underground rock formations can protect our water supply from contamination.

...how porous rock formations are used to store the natural gas we need for heating our homes.

...how scientists are injecting carbon dioxide deep within the earth to reduce greenhouse gases.

...about oil and gas exploration in Michigan.

