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Exploring Michigan's Natural Resources: Mining and Beyond

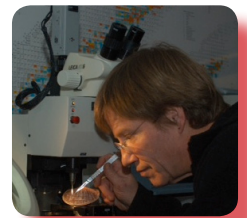
Tuesday, February 14, 2012 from 11:30 a.m. - 1:00 p.m.

Michigan has an abundance of extraordinary natural resources. In addition to the state's water resources, fertile soils for agriculture, expansive forest and timberlands, and large reserves of oil and gas, Michigan has many economically important mineral deposits, including gold, silver, copper, titanium, zinc, iron ore, salt and coal, that exist in this Great Lakes basin. The process for mining these minerals is intricate, and begins with an exploration stage where the physical and chemical characteristics of the resource deposits are studied for future viability.

The University of Michigan is a key contributor to this exploration stage, doing studies of glacially-formed surface deposits, retrievable iron and copper ores, oil and gas, and of subsurface waters. Currently, Michigan is a developing target for the production of subsurface reserves of natural gas contained in organic-rich deposits of the Antrim and Collingwood Shales, through the newly expanded techniques of hydro-fracturing.

Professor Kacey Lohmann will share with us the wonders and intricacies of mining these vital Michigan resources, their impact on our state and the nation, and the ways in which we are learning to protect them. Please join us in this engaging discussion with Professor Lohmann!

Professor Kacey Lohmann, University of Michigan Department of Earth and Environmental Sciences, is widely known for his work as a sedimentary geologist and geochemist. He received his PhD from SUNY, Stony Brook and following 3 years as a post-doctoral fellow at Brown University, he has been a researcher and educator at the University since January of 1980. His work has included examination of lead and zinc ore deposits, and oil and gas fields in Michigan and throughout the World. In addition to his role as an educator and researcher, he serves as the Director of the Stable Isotope and Keck Elemental Geochemistry Laboratories at the University of Michigan. His current research also focuses on assessing geothermal changes that occur during times of global warming.



**University of Michigan Wolverine Caucus Forums
will be held at the Christman/MML Building, 208 N. Capitol Avenue, Lansing, MI 48933**

More About the Wolverine Caucus

University of Michigan Alumni and friends who work in and around the State Capitol are welcome to participate in the Wolverine Caucus. Our mission is to provide diverse forums at which University of Michigan friends can meet one another, enjoy fellowship, exchange views, and learn from the world-class talents of the University of Michigan.

To receive announcements of upcoming programs, call the UM Lansing Service Center at (517) 372-7801 or email veronicj@umich.edu or amccullu@umich.edu and ask us to add your name or the names of associates.

SAVE THE DATE!

Please join us for the following 2012 University of Michigan Wolverine Caucus Forums

Forums will be held at the Christman/MML Building, 208 N. Capitol Avenue, Lansing, MI 48933, or at a location in downtown Lansing, MI

Forecasting Michigan's Economic Future

Featured speaker: Professor George Fulton, UM Institute of Labor and Industrial Relations; and Economics, College of Literature, Science, and the Arts

Wednesday, January 18, 2012

11:30 a.m. - 1:00 p.m.
Christman Building, 1st floor

Exploring Michigan's Natural Resources: Mining and Beyond

Featured speaker: Professor Kacey Lohmann, UM Department of Earth and Environmental Sciences

Tuesday, February 14, 2012

11:30 a.m. - 1:00 p.m.
Christman Building, 1st floor

Invasive Species and the Great Lakes

Featured speakers: Professor Jennifer Read, Michigan Sea Grant and Faculty from UM Cooperative Institute for Limnology and Ecosystem Research

Wednesday, March 14, 2012

11:00 a.m. - 1:00 p.m.
Christman Building, 1st floor

UM's Historic Digitization Project

Featured speaker: Professor Paul N. Courant, UM Ford School of Public Policy

Tuesday, April 17, 2012

11:30 a.m. - 1:00 p.m.
Location: TBD

The Business of Athletics at UM

Featured speaker: UM Athletic Director David Brandon, Department of Intercollegiate Athletics

Tuesday, June 5, 2012

11:30 a.m. - 1:00 p.m.
Location: TBD

Introducing the New C.S. Mott Children's and Von Voigtlander

Women's Hospitals

Featured speakers: Valerie P. Castle, M.D., Chair, Department of Pediatrics and Communicable Diseases, University of Michigan Health System; Pat Warner, Executive Director, C.S. Mott Children's Hospital and Von Voigtlander Women's Hospital (Invited); or Loree Collett, Associate Hospital Administrator, CS Mott Children's and Von Voigtlander Women's Hospitals (Invited)

Wednesday, June 27, 2012

11:00 a.m. - 1:00 p.m.
Location: TBD

"Elections 2012"

Featured speaker: Professor Michael Traugott, UM Center for Political Studies, Institute for Social Research; and Communication Studies, College of Literature, Science, and the Arts

Tuesday, September 18, 2012

11:30 a.m. - 1:00 p.m.
Location: TBD