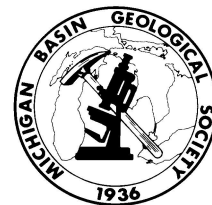




Michigan Basin Geological Society

Dinner Meeting at Founders Brewing Company

Friends and Family Welcome



WHEN

Wednesday December 17th, 2025

Social – 6-6:15 PM, Dinner - 6:15-7:00 PM

Presentation - 7:00 PM

RSVP's required by December 10th, 2025

RSVP to Peter Rose @ delta13cpupik@gmail.com

WHERE

Founders Brewing Company

235 Cesar E. Chavez Ave SW

Grand Rapids, MI 49503

Centennial Room

WHO

Suzanne DeVries-Zimmerman

Associate Professor of Geological & Environmental Science

Hope College



COST

\$35 member, \$25 per guest

Students FREE

*Includes dinner and parking**

Dinner Menu - Dirty Bastard BBQ

Pulled pork, pulled chicken, pasta salad, baked beans, pickles, potato chips, red-cabbage slaw, and brioche buns. Featuring house-made Dirty Bastard BBQ sauce.

Michigan's Migrating Dunes

ABSTRACT: For over 20 years, the Hope College Coastal Research Group has focused on West Michigan's dunes. Collectively, we have examined the timing and conditions under which the dunes have migrated in the past, including studying historical meteorological data along the coast to evaluate regional climate change and its implications for coastal dune systems. We are also monitoring how the dunes are moving now, especially in response to large wind events. To accomplish this, we have developed a variety of techniques to monitor sand movement and surface change in local dune complexes. Other projects include conducting a longitudinal study on the changing ecohydrology of an interdunal wetland in response to changing Lake Michigan-Huron levels, assessing the rates of carbon sequestration and greenhouse gas emissions from interdunal wetlands, and understanding how vegetation populations in the dunes change over time and the factors driving those changes.

BIOGRAPHY: Suzanne DeVries-Zimmerman has been teaching in the Department of Geological and Environmental Sciences at Hope College since 1999. Prior to employment at Hope, she spent over 10 years working for environmental consulting firms in New Jersey and Michigan, specializing in Superfund (Comprehensive Environmental Response, Compensation, and Liability Act), Resource Conservation and Recovery Act (RCRA), and Clean Water Act projects, including wetland delineations and environmental/ecological assessments. Having spent years dressed in personal protective equipment working on toxic waste sites and hazardous waste landfills in several states, she now relishes regularly going to the beach and dunes with students and colleagues under the guise of conducting scientific research.

Suzanne is part of the Hope College Dune Research Group, an interdisciplinary team studying multiple aspects of Lake Michigan's coastal dunes. Suzanne focuses on the relationships between coastal dune dynamics and the ecological systems of the dunes. Recently, she initiated a long-term ecohydrological study of an interdunal wetland or slack near Saugatuck, Michigan, in the Saugatuck Harbor Natural Area. The project's goal is to investigate the factors influencing the wetlands and the ecological communities there with an eye towards managing these areas for future generations. In addition, she and her colleagues are working with researchers from Liverpool Hope University, Liverpool, England, and the Centre for Ecology and Hydrology, Bangor, Wales, on collaborative projects involving dune dynamics, including the ecological systems on these dunes, and dune management along the Welsh and Lake Michigan coasts.

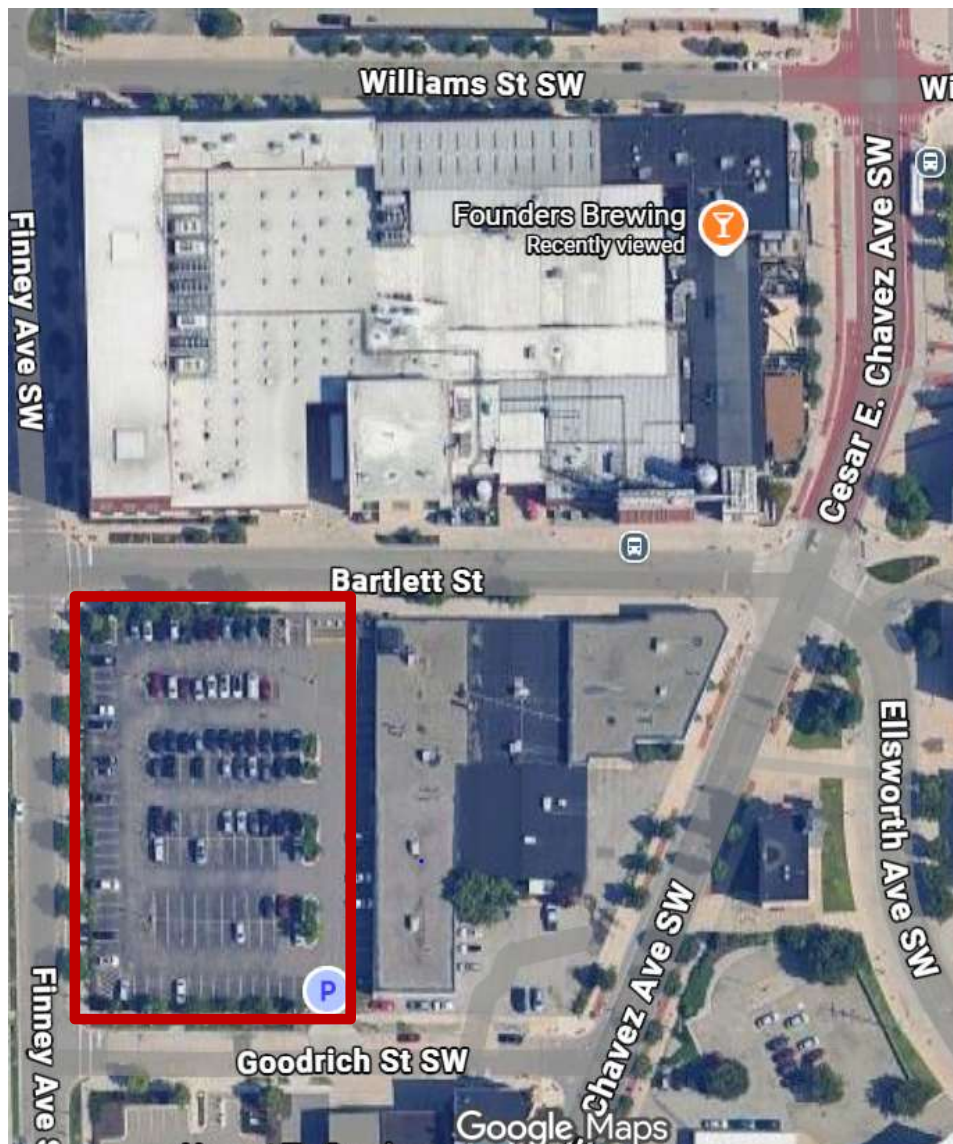
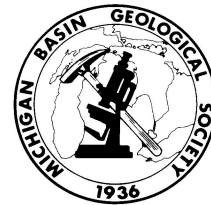


Michigan Basin Geological Society

Dinner Meeting @ Founders Brewery

December 17th, 2025

6:00PM



Founders Brewing Company

235 Cesar E. Chavez Ave SW

Grand Rapids, MI 49503

Centennial Room

RSVP's required by December 10th, 2025

RSVP to Peter Rose @ delta13cpupik@gmail.com

Parking is available in lot located south-west of Founders Brewing Company.

If you park in the FBC parking lot (red box), tickets will be validated and at no cost to attendees.

Metered parking is also available in the area.

Additional information is provided on parking and room location on next page.

Parking and Entering



To *Validate Parking*, you must use the Founders' Parking Lots. Our primary lot:

241 Goodrich St. SW ([Searchable under 'Founders Parking Lot' on Google Maps.](#))

Or the Founders' Second Parking Lot: **334 Finney Ave SW.**

Validate up to 10 hours of parking by bringing your ticket to the event.

After 10 hours, the charge is \$3.50/hour, with a maximum fee of \$40/day.

Handicap Parking is provided by the city – located by our Taproom Entrance, across from the Bus Station.

Street parking is free after 7pm and on Saturday + Sunday.

To access the *Centennial Room*, enter our Taproom, located at:

235 Cesar E. Chavez Ave SW, Grand Rapids, MI 40503.

Head to our *Company Store* where staff will guide you to the elevator.

A Keycard is required to access the room, please check in with our Store Clerk if no one is posted at the elevator.

Early entry is not guaranteed.



(If you require additional assistance to enter, or want to confirm ADA accessibility, please call ahead to our office at 616-325-1061 or email CentennialRoom@FoundersBrewing.com.)