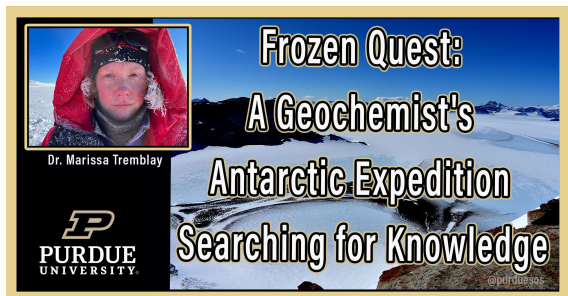


Marissa Tremblay

Dr. Marissa Tremblay recently returned from a field research excursion in Antarctica. She describes the extreme cold environment as well as the science that is looking to reveal the secrets of the rocks there. Specifically, what was the temperature like 3 million years ago in Antarctica?



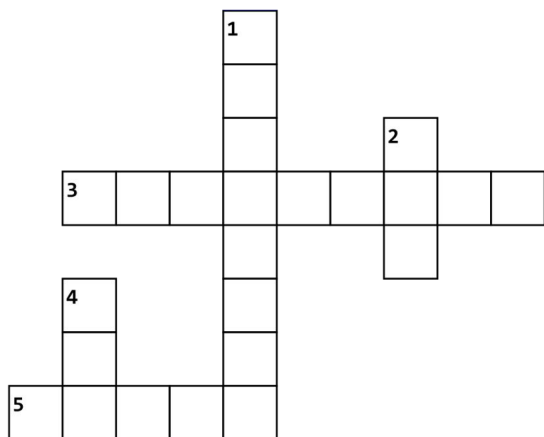
<https://youtu.be/X-Dk8Ch0YxE>

Geochemist

Imagine being a super detective for Earth and other planets. A geochemist (geo- means “earth”) is a scientist that looks at the chemistry of rocks and minerals to discover what has happened long ago on Earth and on other planets.

They enjoy collecting rocks and looking at them very closely. It's like solving mysteries about how the rocks were made and what happened to them. Some geochemists, like Marissa, study the air that is trapped in the rocks.

Marissa has traveled all over the world collecting rocks to study. She has done research in Tibet, Chile, and even the super cold Antarctic. She has even worked on samples that were brought back from the Moon. She's a true rock star in the world of science!



Down

1. The basic building blocks of rocks and are made of elements
2. Invisible gas we breathe and can get trapped in rocks
4. Means Earth

Across

3. Uses their curiosity and knowledge to explore and understand the world.
5. Geochemists travel the world collecting these

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