

# Geology Open House Night

## Red Rocks from Earth to Mars

Dr. Marjorie A. Chan  
Department of Geology and Geophysics  
University of Utah  
7:00 pm Friday April 7, 2017



Earth or Mars?



Southern Utah's red rock country has helped University of Utah researchers interpret the geologic history of Mars. Recent NASA rovers and satellites have imaged the Martian surface in remarkable detail. This mission data indicates past watery conditions that offers the tantalizing possibility of extraterrestrial life. Dr. Chan will show how we can understand Martian processes by using geologic examples of marbles and "blueberries" and deformed sedimentary bedding in our own backyard.

Marjorie Chan is Professor of Geology and Geophysics at the University of Utah. She is a sedimentary geologist, with a number of research projects in the western USA. She and her students have done extensive field work in Utah, ranging in age from the ancient Precambrian rocks to understanding contemporary processes going on today.

**FREE EVENT !**  
**Everyone welcome**

Sutton Building  
115 S. 1460 E.  
Lecture Hall (Room295)



Join us for light refreshments after the Geology Open House lecture presentation.

RSVP by email to [connie.gorton@utah.edu](mailto:connie.gorton@utah.edu) or call 801-581-7162