

# **GRAND JUNCTION GEOLOGICAL SOCIETY**

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**SEPTEMBER MEETING**

**WEDNESDAY 21, 2016**

**Joint meeting with the CMU Geology Students**

**7:30 PM**

**Saccomanno Lecture Hall**

**(In the Wubben Science Building)**

**Joe Fandrich**

**Will Speak On**

**“Westwater, Utah-A Present Day Ice-Dammed Lake:  
A Key to the Future”**

## **Abstract**

The geology of the Westwater area, Utah presents a present day analog for the creation of ephemeral lakes during the Quaternary in western Colorado and eastern Utah. The formation of ice-dams and ice-damming is poorly understood and not well represented in the literature. This presentation sets the geologic stage, partially explains the basic mechanics of ice-dam creation, shows the results of field test experiments in real time, and provides a possible explanation for many of the stranded deltas, laminated sediments, and flat bottoms present along the Colorado and Gunnison rivers.

**Guests Are Always Welcome**

**The Society's 2016 Directory Will Be Available At This  
Meeting. Will Be Mailed To Those Not Attending**