

# **GRAND JUNCTION GEOLOGICAL SOCIETY**

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## **NOVEMBER MEETING**

**WEDNESDAY, NOVEMBER 16, 2022**

**Joint meeting with the CMU Geology Students**

**7:30 PM**

**Sacomanno Lecture Hall**

**(Room 141 in the Wubben-Science Building)**

**The Meeting will Be GSA Poster Presentations**

**The Posters Were Presented at the National GSA  
Meeting by Colorado Mesa University Students**

**Poster Titles and Author's Names Are on the Next  
Page**

**Because these are posters, there will NOT be a Zoom  
component of the meeting**

**Guests Are Always Welcome**

**WeCSIP: analyzing stable isotopes in precipitation to create a preliminary local meteoric water line for Grand Junction, Colorado** by Myah Baker and Abigail Winkler, supervised by Dr. Cassie Fenton.

**Evaluation of petrophysical heterogeneity within fluvial architectural elements of the Cretaceous Burro Canyon Formation, Colorado** by Liam Posovich, supervised by Dr. Javier Tellez.

**Fluvio-glacial terraces of the upper Green River Basin spanning the past ~2 Ma: new detrital-sanidine, cosmogenic-burial, and luminescence age constraints** by Leyna Weller, supervised by Dr. Andres Aslan.

**Late Eocene to Miocene landscape evolution of western Colorado: new age constraints using detrital sanidine  $^{40}\text{Ar}/^{39}\text{Ar}$  geochronology** by Aaron Orelup, MJ Winey, and Cole Wood, supervised by Dr. Andres Aslan.

**Use of paleocurrents to evaluate origins of the enigmatic Late Cretaceous(?) Ohio Creek interval** by Cole Wood, supervised by Dr. Andres Aslan