

REGISTRATION OPENS MARCH 17th at 9:00am for the MESOZOIC OF DURANGO FIELD TRIP!!



Trip Description: This is a one-day trip looking at the Triassic Chinle (Dolores) Fm. through the Cretaceous McDermott Fm. (a.k.a. the Purple Cliffs). As we travel from the lower Animas Valley south to Bodo Park we look at a section that spans the period between the breakup of Pangea to the Laramide Orogeny; a journey from near-equatorial to middle latitudes, from arid to humid climates and from west-flowing to east-flowing river systems. This was a transition from stability within the interior of a supercontinent to a position marginal to an interior seaway in a foreland basin, inboard of an active subduction zone and overthrust belt. How were these regional events recorded here? Join us as Fort Lewis College Professors Gary Gianniny and David Gonzales explain the sedimentologic and tectonic signature of the Mesozoic in Durango, Colorado.

DATE: April 15th, 2023.

LEADERS: Professors Gary Gianniny and David Gonzales, Fort Lewis College.

FEE: \$25 / Professional members, students free.

LIMIT: 23 participants total (18 professional members, 5 student members). Empty student slots will be released to professional members on April 7th.

TRANSPORTATION: Two vans from Fort Lewis College and possibly 1-2 carpool vehicles.

FOOD AND WATER: Participants are asked to bring their own lunches and water. Water will be available for refilling bottles during the day.

PHYSICAL ACTIVITY: Participants should expect to take short hikes of less than a mile at elevations ranging from 6,500' - 7,000' over rough terrain and in variable weather.

WAITING LIST: After participant limits are reached, people trying to register will be redirected to a waiting list. Waitlisted people will be contacted as cancellations

occur. They will have 24 hours to register or the slot will be offered to the next person on the list. Empty student slots will be released on April 7th to waitlisted professional members.

CANCELLATION POLICY: Full refunds will be given to those who cancel by April 3rd. After that refunds will only be issued if the vacated slot can be filled by a waitlisted professional member. Full refund if trip cancelled. To cancel, please contact Kim Gerhardt (see below).

MEMBERSHIP REQUIREMENT: All participants on FCGS field trips are required to be current members of the society. If you need to join or renew, you will be credited with the 2023-2024 year. Go to:

<https://fourcornersgeologicalsociety.org/membership/>.

MORE INFORMATION: Registrants will receive an email with specifics on where & when to meet, what to bring, etc.

CONTACT: If you have further questions please contact Kim Gerhardt (kd@mydurango.net), 970-759-7689.