

**TOBACCO ROOT GEOLOGICAL SOCIETY 44th ANNUAL FIELD CONFERENCE
DEER LODGE, MONTANA, JULY 26–28, 2019**



Flint Creek Range west of Deer Lodge

CONFERENCE REGISTRATION INFORMATION

TRGS will hold its 44th Annual Field Conference in Deer Lodge, Montana July 26–28, 2019. Deer Lodge is central to the Boulder Batholith and Elkhorn Mountains volcanic field, the Anaconda Metamorphic Core Complex, the Gold Creek placer mines, and the Butte and Anaconda mining districts and their notorious industrial superfund sites. The region is still seismically active, continuing the basin-and-range-style block faulting that created deep basins in the Deer Lodge, Elk Park, and Whitetail valleys, and lateral transtension in the Lewis and Clark Zone. Deer Lodge is also home to the Old Montana Prison and the Grant Kohrs Ranch National Historic Site. It is the ideal base camp for a diversity of geologic field trips and outdoor adventures. Kaleb Scarberry, Colleen Elliott, and Petr Yakovlev are the conference organizers.

Meeting Location

Our venue will be Powell County High School, west entrance, 709 Missouri Ave, Deer Lodge.

Accommodations

Hotels:

Western Big Sky Inn
210 N Main St, Deer Lodge, MT 59722
(406) 846-2590

Travelodge by Wyndham Deer Lodge Montana
1150 N Main St, Deer Lodge, MT 59722
(406) 545-2858

Budget Inn
809 Main St, Deer Lodge, MT 59722
(406) 846-2810

Campgrounds:

Indian Creek Campground
745 Maverick Ln, Deer Lodge, MT 59722
(406) 846-3848
<http://indiancreekcampground.net/>

Deer Lodge KOA
330 Park St, Deer Lodge, MT 59722
(406) 846-1629
<https://koa.com/campgrounds/deer-lodge/>

Bernie & Sharon's Riverfront RV Park
Garrison MT, 11 miles north of town
<http://www.riverfrontrvparkmt.com/>

Racetrack Campground
Deer Lodge National Forest
12 miles south and west of town
<https://www.fs.usda.gov/recarea/bdnf/recarea/?recid=5746>

Lost Creek State Park
30 miles south and west of town
<http://stateparks.mt.gov/lost-creek/>

2019 Deer Lodge CONFERENCE SCHEDULE

Friday, July 26, 2019

7– 8AM: On-site registration at the Powell County High School. Posters can be mounted on display boards.

9AM–Noon: Business Meeting & Morning Talks

Noon–6PM: Field Trips, departing from the west parking lot at Powell County High School. Sack lunches provided with field trip fee.

Trip A1: Champion Mine and Elkhorn Mountains volcanic field.

Trip A2: The death and rebirth of Silver Bow Creek

Evening: Dinner on your own.

Saturday, July 27, 2019

7 – 8AM: Breakfast and sack lunch assembly. Powell County High School

8AM- 6PM: Field Trips, departing from the west parking lot at Powell County High School.

Trip B1: Geology along the western contact between the Boulder Batholith and the Lower and Middle members of the Elkhorn Mountains volcanic field

Trip B2: Multiphase extension in the hangingwall of the Anaconda Detachment Zone

Trip B3: Avon Volcanic Field

Catered BBQ Dinner 6 p.m. – 8 p.m. Location TBA

Sunday, July 28, 2019

7 – 8AM: Breakfast and sack lunch assembly. Powell County High School

8AM- 6PM: Field Trips, departing from the west parking lot at Powell County High School.

Trip C1: Geology along the eastern contact between the Boulder Batholith, the Elkhorn Mountains Volcanic field, and Cretaceous – Paleozoic sedimentary rocks

Trip C2: Ringing Rocks

Trip C3: Anaconda Metamorphic Core Complex

Dinner on your own.

Watch the TRGS webpage (<http://trgs.org>) or the TRGS Facebook [page Tobacco Root Geological Society - TRGS](#) for updates.

Questions about the field conference or accommodations should be directed to the conference organizers:

Colleen Elliott
celliot@mtech.edu
(406)496-4143

Petr Yakovlev
pyakovlev@mtech.edu
(406)496-4890

Contact Sandy Underwood (SandyUnderwood903@hotmail.com) if you are interested in helping out at the conference.

REGISTRATION

REGISTER BY MAIL: Complete the enclosed registration form and pay by check (**postmark by July 6**) send a check to Tobacco Root Geological Society, P.O. Box 118, Butte, Montana 59703-0118 for registration fees.

*****OR*****

REGISTER ONLINE*: Online registration opens on June 19th at trgs.org. After registration opens, complete the [online registration form](#)* and send a check to Tobacco Root Geological Society, P.O. Box 118, Butte, Montana 59703-0118 for registration fees **OR** pay by PayPal. Please be sure to print your completed registration form before you submit your responses. Please complete the online registration form **no later than July 12**.

***Preferred method of registration.**

Registration deadlines allow us an accurate count for meals and field trips. Meals cannot be guaranteed if registration forms are not submitted by the deadlines. We thank you for your assistance with this!

All field trip participants, including leaders, must register for the conference. Field trip leaders do not need to pay for the field trip(s) they are leading. Field trip registration includes a lunch. Please note that there are two places on the form where you can contribute to the scholarship fund of the TRGS – by purchasing a conference T shirt or by making a direct contribution to scholarships.

MAIL-IN CONFERENCE REGISTRATION FORM

Please send form with check made out to Tobacco Root Geological Society to:

Tobacco Root Geological Society, P.O. Box 118, Butte, Montana 59703-0118

Attendee Name: _____

Attendee Address: _____

Phone: (____) _____

Email: _____

Number Amount Paid

Conference Registration			
1. Professional	\$ 50		\$
2. Student	\$ 30		
Meals			
Breakfast Friday Morning	\$8.00		\$
Breakfast Saturday Morning	\$8.00		\$
BBQ Dinner Saturday Night	\$20.00		\$
Breakfast Sunday Morning	\$8.00		\$
Sack lunches and beverages are included in the cost of field trips (\$15/trip) ONE TRIP PER DAY MAXIMUM (A-Friday, B-Saturday, C-Sunday trips)			
Trip A1: Champion Mine and Elkhorn Mountains Volcanics (McDonald and Scarberry)			\$
Trip A2: Silverbow Creek Restoration (Griffin)			\$
Trip B1: Field Guide to the geology along the western contact between the Boulder Batholith and the Lower and Middle members of the Elkhorn Mountains volcanic field. (Scarberry, Coppage and English)			\$
Trip B2: Hanging Wall of the Anaconda Detachment (Elliott)			\$
Trip B3: Avon Volcanic Field (Mosolof)			\$

Trip C1: Field Guide to the geology along the eastern contact between the Boulder Batholith, the Elkhorn Mountains Volcanic field, and Cretaceous – Paleozoic sedimentary rocks (Scarberry, Gammons and Kallio)		\$
Trip C2: Ringing Rocks (Yakovlev)		\$
Trip C3: Anaconda Metamorphic Core Complex Field Trip (Kalakay)		\$
Field Conference T-shirt , please specify number and size, \$15/each		\$

TOTAL CONFERENCE FEES \$_____

DONATIONS (Optional)

Complete this portion of the registration form if you wish to MAKE A DONATION to the TRGS Scholarship fund. PLEASE SPECIFY ALLOCATION(S) BELOW.

TRGS Scholarship for field-based projects in the northern Rocky Mountains. Preference given to mapping projects in Montana, Idaho, and northern Wyoming. Based in part on need, the scholarship is expected to be used for field expenses.	\$
Please indicate: to grow the TRGS endowment _____ OR to spendable funds _____	
Harrison Scholarship In memory of Jack Harrison and made possible by a generous endowment from Jack to the TRGS, awards go to students working on any project involving Precambrian rocks. Based in part on need, this award can only be used for field expenses.	\$
Please indicate: to grow the Harrison endowment _____ OR to spendable funds _____	
Foster Scholarship (This is not an endowment, all contributions are spendable) Given in memory of Michael Thompson Foster, to students, researchers, or explorationists who best exemplify the prospector ethic. Criteria are a demonstrated interest and ability in mineral exploration, field research, or economic pursuits which advance our knowledge of mineral commodities and public commitment to responsible mining. Supported by generous grants from Rob Foster and additional donations.	\$
M. Dean Kleinkopf Scholarship (This is not an endowment, all contributions are spendable) Given in memory of Dean Kleinkopf, for geophysical and geologic investigations in the northern Rocky Mountains. Supported by an initial grant from Nancy Kleinkopf and additional donations.	\$

<p>The Betty Skipp Research Award for Field Studies in the Rocky Mountains (This is not an endowment, all contributions are spendable)</p> <p>Given in honor of Betty Skipp, to women M. S. or Ph. D. students for research with a significant component of original geological fieldwork in Idaho, Montana, Utah, Colorado, or Wyoming. If funds are sufficient, men may also be supported.</p>	<p>\$</p>
<p>Unrestricted</p>	<p>\$</p>

TOTAL DONATION \$ _____

TOTAL AMOUNT ENCLOSED (Conference + Donation) \$ _____

**** Please submit payment by check with this registration form****