

Dear 2017 Bretzl,

It's the 8th Annual Bretz Club (Bretzite) and we are returning to Rock Springs Ranch, Tumalo, Oregon.

(<http://www.rocksprings.com/>)

The conference talks and scientific program is all-day Friday, April 28, and the field trip is Saturday, April 29th. Please plan to arrive Thursday evening April 27th.

Bretz Club website: <http://wpg.forestry.oregonstate.edu/2017-bretz-club-conference-field-trip>

Check-in and accommodation

- **Lodging is included for Thursday and Friday nights.**
- Directions to Rock Springs Ranch are at the end of this letter. Google maps works too. (64201 Tyler Road, Bend, OR 97701: <http://www.rocksprings.com/>). Side note: the Bend distillery (maker of Crater Lake Spirits) is a good landmark for the turnoff Hwy 20 to the Ranch; they close at 5pm.
- Plan to arrive at Rock Springs between 5pm and 10pm on Thursday. When you do, head to the Lodge for your room assignment. If you arrive late, visit the Lodge and follow the instructions left for you (with your name on them) to find your room. We will have an informal meet & greet in the Lodge Thursday night.
- We have exclusive use of Rock Springs for our group. The main gathering/eating will occur in the Lodge. The scientific program will be held in the conference space. Lodging will be in 8 cabins scattered upslope of the lodge. Each cabin has 2-8 double occupancy rooms, each with a single queen bed and ample floor space. This suggests that someone will be sleeping on the floor, unless you know each other real well. If you want to choose your roommate in advance, roommates should send me a joint email to confirm.
- If you opt to camp, you will still be assigned a room so that you have access to shower facilities. Bathrooms are also available in the main Lodge (open all night) and the conference center. The grounds offer some nice spots to pitch tents, but there is no formal "camping" area. You may pitch your tent wherever you can find a flat spot (preferably not in a parking area).
- Bedding/towels: **Bring your own sleeping pad & bag unless you are sharing a bed; the ranch will provide towels.**
- The lodge has a pool table & ping-pong table, ample cozy seating and fireplaces indoor & out. The pool/hot tub on the grounds is NOT OPEN.
- If you're arriving on Friday morning, we will be in the Lodge for breakfast beginning at 7:30am, then in the conference center after 8:30am.
- We need to completely check out of our rooms on Saturday morning before the field trip begins, and will not be returning to the Ranch. There is another group coming in after us.
- There is ample parking at the Lodge and close to the cabins.

Food & Beverages

- Those who pre-paid for dinner Thursday night will be served in the Lodge from 6:30 and 7:30pm.
- If you did not pre-pay for dinner, please **plan to eat before arriving at Rock Springs**. There are also restaurants/supermarkets in Tumalo, Bend & Sisters.
- Five meals are included and Friday breakfast, lunch, dinner, and Saturday breakfast are served in the Lodge. On Saturday, you'll make sack lunches for the fieldtrip. Annie's Catering is back with us again this year, so the food will be fabulous and there will be vegetarian, dairy-free and gluten-free options for those who indicated a dietary restriction.
- Hot beverages, including good coffee and tea will be available for our coffee breaks in the conference center. Bring your own snacks if you need sustenance between meals.
- We'll provide some basic snacks and non-alcoholic beverages for Thursday night's informal meet & greet, and Friday night's festivities. **Please bring your preferred beverage.**

Connectivity

- **There is cell phone coverage at Rock Springs.** For Bretz related questions, late arrivals, etc. my cell phone is 541-602-0181 (txt/cell). In an emergency, call the main office number is 541-382-1957 or the facilities manager Jamie Hildebrandt's cell phone 541-408-1804.
- **There is wifi in the Lodge and in the Conference Center,** but not in the cabins. Password will be provided on-site.

Field Trip (Saturday)

- We'll depart from Rock Springs Ranch for the field trip at 8:30am on Saturday morning. We will not be returning to the ranch.
- We will reconvene at the base of Pilot Butte in Bend. We will need to consolidate vehicles for the drive to the top of Pilot Butte (Stop 1). This is the **ONLY** stop with bathrooms and water; plan accordingly (see water bottle sales below).
- A pdf of the field trip guide will be made available on the Bretz Club website. **You are responsible for printing out a paper copy of the field guide if you want one.** Email me by Thursday 10am if you cannot print a copy and need me to bring you one.
- Check the weather and plan accordingly (<https://www.wunderground.com/us/or/bend-municipal/zmw:97701.5.99999>) Current weather forecast looks like clear, near freezing nights, with highs in the low 50s on Friday and nearing 60 on Saturday. As we learned last year with the freak hail storm, it's always good to be prepared with layers, rain gear and appropriate footwear for walking to our field stops.

Other Notes

- Name tags, chocolate, and room assignments, will be handed out when you arrive.
- **Bring a flashlight to navigate to your cabin in the dark.**
- Again this year: **"Bretz" water bottles will be for sale (\$10).** Correct change much appreciated.
- **Posters:** Please bring your poster to the Conference Center with you Friday morning. We'll have volunteers to hang them up in time for the afternoon poster session; you can take it down yourself when the session is over.
- **Popups:** Upload your popup to the laptop before 2pm. There will be a student volunteer to help you.
- **Raffle:** Tickets are available (5 for \$5!) and the money goes towards the Bretz Club Sustainability Fund. **Prizes include whatever is donated, no promises. Donate a good one!!**
- **Students:** Each of you have been assigned a volunteer position. Check here for your job list:
<https://docs.google.com/spreadsheets/d/1WcEYJ06D6gpQSe9kPWZKSNAe4tqKoMQMk8rsIto35T4/edit#gid=794103773>
- **Please check the attached participant list:** You are encouraged to carpool with your neighbors. If you are not listed correctly, please contact OSU conference services ASAP at 1-800- 678-6311 or email conferences@oregonstate.edu to correct your reservation.

If you have **any additional questions**, please don't hesitate to **call/text (541) 602-0181** or email sarah.lewis@oregonstate.edu.

Bretz Club 2017

Bretzit

8th Annual Bretz Club Schedule, April 27-29, 2017

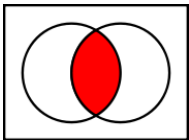
Thursday, April 27, 2017:

Organizers and Most Participants arrive 5pm-10pm. Check in, Meet & Greet at the Lodge.

Friday, April 28, 2017: Scientific Program, Rock Springs Ranch, Tumalo, Oregon

All talks, popups and posters are in the Conference Center; meals and evening gatherings the in the Lodge.

- 7:30am Breakfast / Check-in for Friday Arrivals (*Lodge*)
- 8:30am Introductions and orientation to Bretz Club & Rock Springs Ranch (*Conference Center*)
- 9am Key note #1: **Gene Humphreys** (University of Oregon)
Part I – Making Oregon; Part II: Faultless Tectonics
- 10:30am Coffee Break (*Hot beverages available, bring your own snacks*)
- 11am Key note #2: **Kristin Sweeney** (University of Portland)
From lava flows to debris avalanches: reimagining model landscapes
- 12:30pm Lunch
- 2pm Pop-ups (3-minutes each) on whatever comes to mind (*those who preregister have priority*)
- 3:45pm Coffee break
- 4pm Poster Session
- 6pm Dinner
- 7:00pm Key note #3: **Michele Punke** (Historical Research Associates, Inc)



- 8:30 pm Evening Extravaganza: Raffle and merriment (*Lodge*)

Ideas without precedent are generally looked upon with disfavor and men are shocked if their conceptions of an orderly world are challenged - J. Harlen Bretz, 1928

Bretz Club 2017

Saturday, April 29, 2017: Interrelationships between extension, volcanism, and landscape evolution along the Sisters fault zone and NW Rift of Newberry Volcano:

Daniele McKay, Jim O'Connor, Robert Jensen

7:30am Breakfast & make your own bag lunch

8:30am Pack up your cabin, assemble in front of Lodge – we will not be returning to Rock Springs!

9:00am Field trip departs Rock Springs Ranch (*see field guide for details*):

9:30 – 10:30 am Stop 1

Reconvene at base of Pilot Butte in Bend and consolidate vehicles for the drive to Stop 1: Top of Pilot Butte – Field trip introduction, general geology of Newberry and the Cascades, ice and water on Newberry.

11:15 am – 1:00 pm Stop 2

Stop 2: Dry waterfall NW of Evans Well – Newberry paleo-drainages, gravel fans, and Pleistocene history of Lake Millican. Also LUNCH. Access to Stop 2 requires about 8 miles (round trip) on well-maintained gravel roads (high clearance vehicles are not necessary). This stop also requires a short walk (<0.25 miles) across a rocky sagebrush flat with no trails. This will be our main stop and the subject of animated discussion until ~1:00 pm.

1:15 – 1:45 pm Stop 3

Stop 3: Lacustrine section along Hwy 20 – Ongoing discussion of the Pleistocene history of Lake Millican and Dry River Canyon, up close and personal inspection of lacustrine sediments.

2:00 – 2:30 pm Stop 4

Stop 4: Dry River Canyon Overlook – Outburst floods and draining of Lake Millican, how long did it take to cut Dry River Canyon?

The field trip will conclude at ~2:30 pm. Early departure is possible and easy at any time.

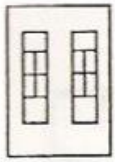
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Bretzls as of April 26, 2017

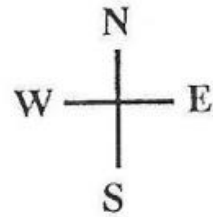
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Anne	MacDonald	rivergrove.environmental@frontier.com		Jack	Zunka	zunkaj@oregonstate.edu	Corvallis
Ian	Madin	ian.madin@oregon.gov	Lake Oswego				
link to carpool googlesheet:		https://docs.google.com/spreadsheets/d/1BWSmtgYI_Y3W3NrUuC_wMmKq_1UqCABzYcD3hres1PI/edit?ts=58f8fd16#gid=0					

HSW Rock Springs Facility Map

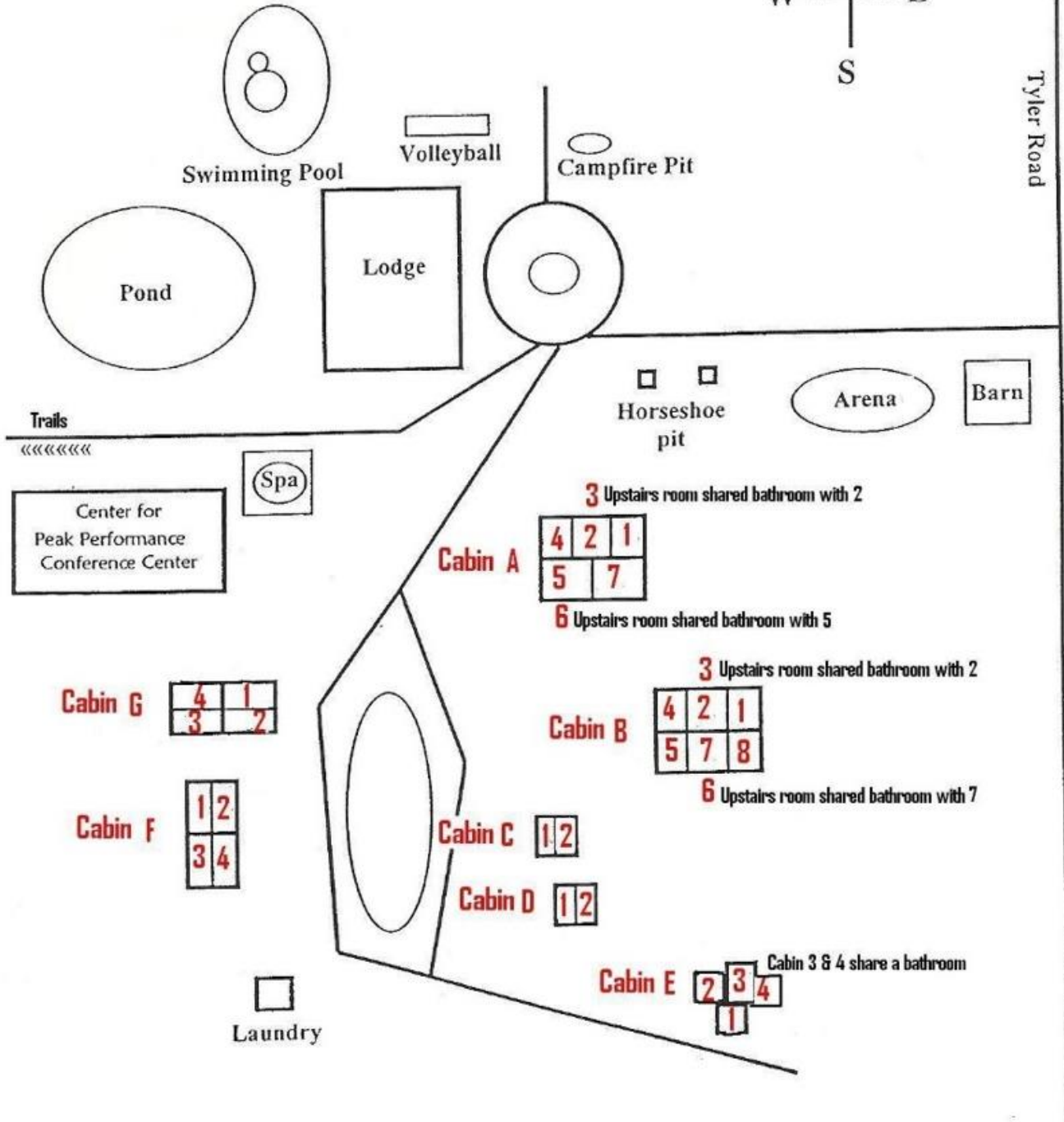
Tennis Courts



1/2 Court
Basketball



Tyler Road



Rock Springs Ranch 64201 Tyler Road, Bend OR