

# Pine Mountain Observatory (PMO) 2014

## Sunday, July 27<sup>th</sup>

- You may want to eat a light breakfast before your arrival
- 8:00 am meet at Bevin Daglen's to load van / pack the day's snacks 3828 SE 151<sup>st</sup> Ave Portland Oregon 97236
- 8:30 am leave for the start of our adventure
- 12:00 pm fuel up in Bend and stretch the legs
- 1:00 pm arrive at PMO Forest Service Campground eat sack lunch & set up camp
- Afternoon lecture in the Big Tent
- Dinner: stirfry & rice
- Meet your expert astronomer and your telescope
- Late night: snacks while calibrating the telescopes

## Monday, July 28<sup>th</sup>

- Late breakfast: oatmeal / muffins / bagels
- Analyze data and generate questions
- Late lunch: sandwiches / ramen
- Afternoon lecture in Big Tent
- Late dinner: burritos
- Data Collection
- Late night: snacks while collecting data

## Tuesday, July 29<sup>th</sup>

- Late breakfast: oatmeal / muffins / bagels
- Analyze data and generate questions
- Late lunch: sandwiches / ramen
- Afternoon lecture in Big Tent
- Late dinner: grilled meat & veggies
- Data Collection / paper writing
- Late night: snacks while collecting data

## Wednesday, July 30<sup>th</sup>

- Late breakfast: oatmeal / muffins / bagels
- Analyze data and generate questions
- Late lunch: sandwiches / ramen
- Afternoon student presentations in Big Tent
- Late dinner: pasta with tomato sauce & veggies
- Data Collection / paper writing
- Late night: snacks while collecting data

## Thursday, July 31<sup>st</sup>

- Late breakfast: oatmeal / muffins / bagels
- Analyze data and generate questions
- Late lunch: sandwiches / ramen
- Afternoon student presentations in Big Tent
- Late dinner: potluck with the whole group
- Data Collection / paper writing
- Late night: snacks while collecting / analyzing data

## Friday, August 1<sup>st</sup>

- 10 am: breakfast & pack up
- 11 am: depart
- Noon: lunch in Bend; call parents/rides with an estimated time of arrival
- 4:30 - 5:00 pm: arrive at Daglen House address listed above (remember traffic will be likely be heavy this time of day)

# Pine Mountain Observatory (PMO) 2014

## **Packing List**

- \_\_\_\_\_ lab notebook
- \_\_\_\_\_ writing utensils
- \_\_\_\_\_ laptop with charger
- \_\_\_\_\_ backpack and/or duffle-bag
- \_\_\_\_\_ good low top shoes
- \_\_\_\_\_ socks – 4 or 5 pair
- \_\_\_\_\_ sleeping bag good to 20 °F
- \_\_\_\_\_ sleeping pad – Thermarest or non-absorbent foam
- \_\_\_\_\_ long underwear pants
- \_\_\_\_\_ fleece pants
- \_\_\_\_\_ rain pants (waterproof)
- \_\_\_\_\_ shorts/convertibles
- \_\_\_\_\_ long underwear top
- \_\_\_\_\_ polypro medium weight top
- \_\_\_\_\_ fleece jacket
- \_\_\_\_\_ rain coat (waterproof)
- \_\_\_\_\_ 3 – 4 t-shirts or tanktops – polyester preferable to cotton
- \_\_\_\_\_ warm hat (not cotton but wool or fleece)
- \_\_\_\_\_ sun hat/baseball cap

- \_\_\_\_\_ gloves/mittens – liners and shell
- \_\_\_\_\_ 4 – 5 underwear
- \_\_\_\_\_ sunglasses – 100% UV protection
- \_\_\_\_\_ 2 one liter water bottles filled
- \_\_\_\_\_ headlamp and/or flashlight
- \_\_\_\_\_ compass
- \_\_\_\_\_ sunscreen
- \_\_\_\_\_ lip protection
- \_\_\_\_\_ insect repellent
- \_\_\_\_\_ Insulated mug, preferably with lid
- \_\_\_\_\_ toiletries – minimal – remember there are no showers
- \_\_\_\_\_ bowl for oatmeal/ramen
- \_\_\_\_\_ fork and spoon

## **Optional**

- Astronomy reference books
- thumbdrive for sharing data
- Camera
- Fun book
- Pocket knife
- Texas/ sandals
- Eye covers for sleeping in the daytime
- Lounge chair

# Pine Mountain Observatory (PMO) 2014

## ATTENTION:

- Plan on late nights and late mornings. It gets cold at night and hot in the day in the desert.
- For nighttime data collection, dress warm as it gets cold and we won't be moving around a lot to keep ourselves warm.  
The cellular service is spotty for some carriers.  
Internet will be the main contact modality during the trip.
- All the water we will use during the trip will be brought in by us. Please remember to fill up both 1-liter water bottles. We will wash group cooking gear, the bowls and forks/spoons but we will be using disposable plates.
- The male students will be sleeping in one tent, the females students will be sleeping in another tent, and the adults will be in a separate sleeping quarters.

## Other Relevant Information

### **Chaperone:**

Bevin Daglen – OES Science Faculty (541) 556 8669

### **Location:**

Pine Mountain Observatory  
25 miles Southeast of Bend Oregon  
Coordinates 43.79145°N, 120.94083°W

### **Facilities Supervisor:**

Mark Dunaway 541 382 8331

### **Nearest Hospital:**

St Charles Health  
2500 NE Neff Road Bend OR  
541 382 4321