

Peru 2019



Storke Memorial Fund

Graduate Student Led Field Experience

Day 1 - Fly from NYC to Lima (Aug 15th)



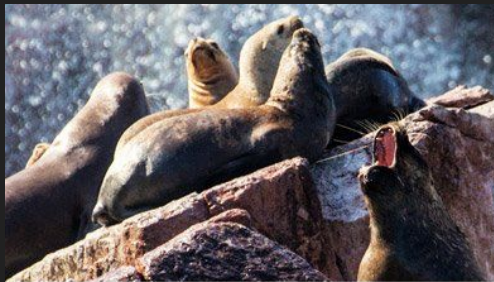
Start time: 6:20 AM (pick-up at Miller Theater 116th & Broadway)

Drive time: Endless

Accommodation: La posada pinguino (Paracs)

Day 2 - Paracas Peninsula (Aug 16th)

- Boat to Ballestas Islands
 - Marine life, Ecology, Candelabra (history)
- Paracas National Reserve
 - Coastal geomorphology (red sandy beach)
 - Fossils, museum



Start time: 8am

Drive time: Negligible

Accommodation: La posada pinguino (Paracas)

Day 3 - Sand dunes (Aug 17th)

- Sand dunes
- Nazca viewing tour
- Cahuachi archaeological site
- Maria Reiche Museum ?



Start time: 9am
Drive time: 4 hours
Accommodation: Bris Hotel (Nazca)

Day 4 - Drive to Arequipa (Aug 18th)

- Chala marine terraces
- San Juan marine terraces
- Chiquerío Fm (well-exposed glaciogenic deposits)
- Arequipa Massif outcrop ?



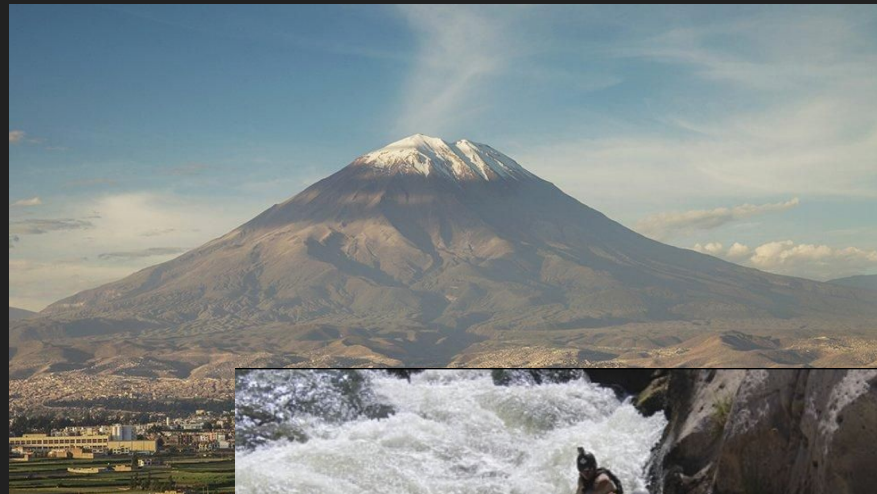
Start time: 5/6am

Drive time: Do you really wanna know? (10-11)

Accommodation: La puerta del sol (Arequipa)

Day 5 - Hike and Raft El Misti (Aug 19th)

- Rafting Río Chili river
- Hike El-Misti



Start time: 8am

Drive time: A couple of hours

Accommodation: La puerta del sol (Arequipa)

Day 6 - Drive to Puno and Lake Titicaca (Aug 20th)

- Salinas y Aguada Blanca Reserva Nacional
- Stone Forest Imata
- Mejía Lagoons National Sanctuary
- Pillones Waterfall



Start time: 8am

Drive time: 5-6 hours

Accommodation: Ayma hostel Puno (Puno)

Day 7 - Puno & Lake Titicaca (Aug 21st)

- Rest
- Uros floating islands
 - Tectonics of Lake Titicaca
 - Effects of climate change



Start time: 9am

Drive time: Negligible

Accommodation: Ayma hostel Puno (Puno)

Day 8 - Drive to Cusco (Aug 22rd)

- Quimsachata Volcano
 - Volcanology, Mineralogy, Tectonics
- Raqchi Temple
 - Culture
- La Raya mountain pass



Start time: 6-7am

Drive time: 7-8 hours

Accommodation: Chusay Rooftop Homestay (Cusco)

Day 9 - Machu Picchu (Aug 23rd)



Start time: 5:30am

Drive time: Endless

Accommodation: Chusay Rooftop Homestay (Cusco)

Day 10 - Hike Humantay glacier (Aug 24th)



Start time: 4:30am

Drive time: 6 hours

Accommodation: Chusay Rooftop Homestay (Cusco)

Day 11 - Hike Rainbow Mountains (Aug 25th)

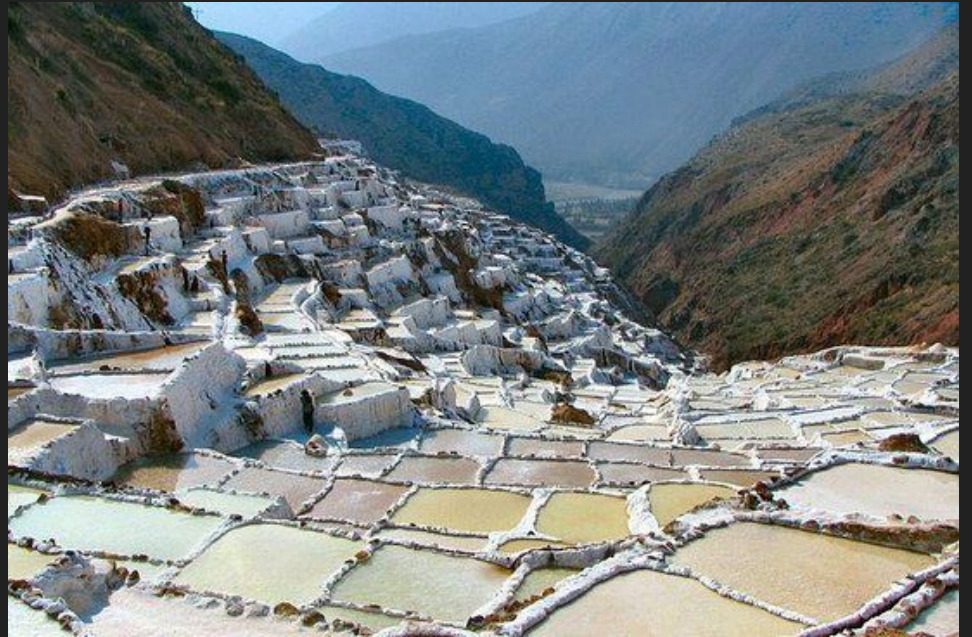


Start time: 4:30am

Drive time: 8 hours

Accommodation: Chusay Rooftop Homestay (Cusco)

Day 12 - Maras y Moray salt mines and fly back home (Aug 26th)



Start time: 8:30am

Drive time: LONG

Accommodation: Flights 2062, 918, and 1060

Flight Summary

To Peru:

10:48 - AA 1060 - 3 hr 12 min*

*~3.5 hour layover & customs (14:00-17:35) @
Miami~*

17:35 - AA 917 - 5 hr 49 min**

*SuperShuttle taking us from 116th & Broadway
at 6:20AM to EWR

**FerTur Peru Transit from Lima airport to La
Posada Pingüino

To NYC:

18:11 - LA 2062 - 1 hr 32 min

~2 hour layover & customs @ Lima~

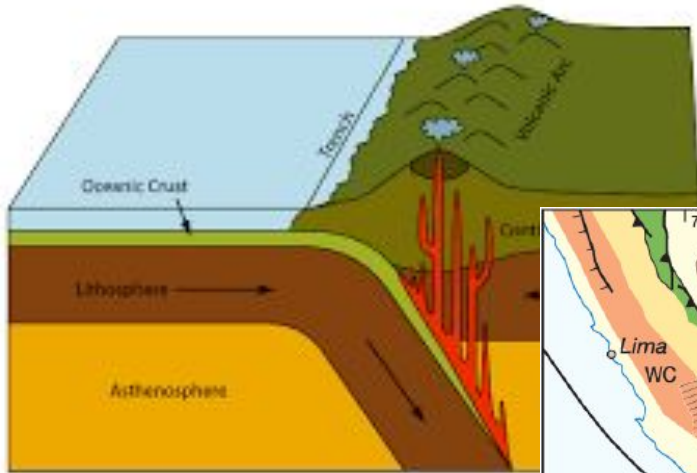
21:55 - AA 918 - 6 hr 1 min

~2 hour layover & customs @ Miami~

6:55 - AA 1060 - 3 hr 2 min*

*SuperShuttle taking us from EWR to 116th &
Broadway (@ 9:57 arrival time)

SUBDUCTION ZONE CROSS-SECTION



Enduring Resources for Earth Science Education — <http://earr.org/>
<http://earthref.org/cgi-bin/ernts.cgi?n=332>

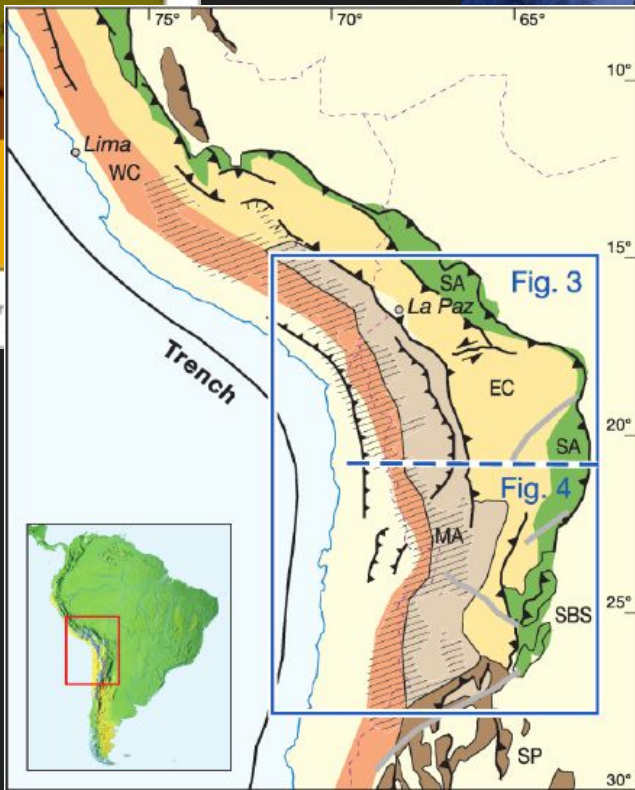
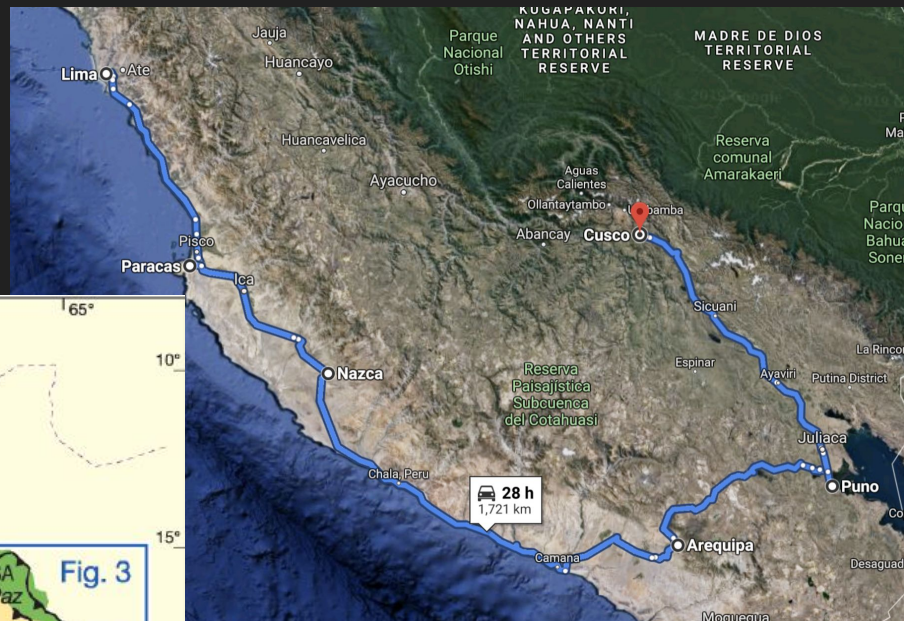


Fig. 3

Fig. 4

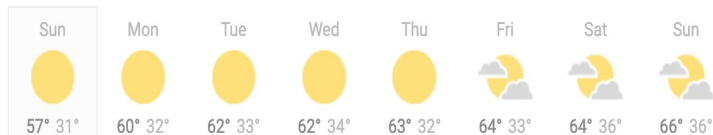
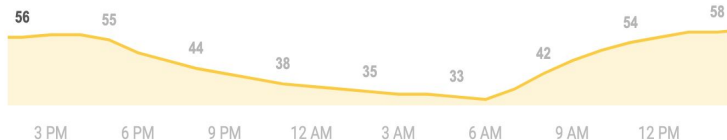
Weather

Puno, Peru
Sunday 2:00 PM
Sunny

56 °F | °C

Precipitation: 0%
Humidity: 13%
Wind: 9 mph

Temperature Precipitation Wind

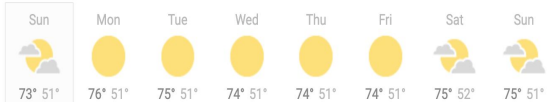
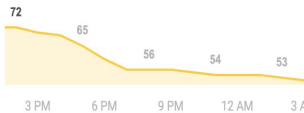


More on weather.com

Feedback

Arequipa, Peru
Sunday 2:00 PM
Mostly Sunny

72 °F | °C



More on weather.com

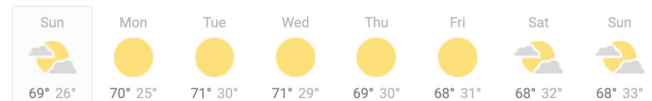
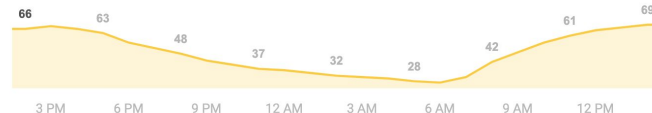
Feedback

Cusco, Peru
Sunday 2:00 PM
Sunny

66 °F | °C

Precipitation: 3%
Humidity: 17%
Wind: 9 mph

Temperature Precipitation Wind



More on weather.com

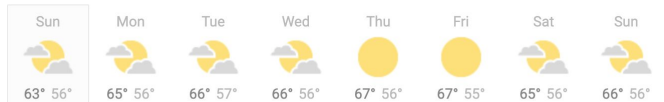
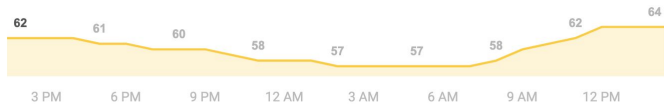
Feedback

Paracas, Peru
Sunday 2:00 PM
Cloudy

62 °F | °C

Precipitation: 0%
Humidity: 78%
Wind: 8 mph

Temperature Precipitation Wind



More on weather.com

Feedback

Things to bring!

- Long pants for hiking
- Hiking shoes
- Warm clothes
- **Sun screen & chapstick w/SPF**
- Sun glasses
- Swimsuit
- Food for the first day
- Towels
- Hand lens
- **Extra battery (Chargers/Adapters 220V 50hz)**
- Dry bag for rafting?
- iPad?
- **Shower shoes**
- Notebook+Pen
- Large plastic bags (trash, wet clothes)
- Head lamp

- Hat
- Entertainment for the long drives
- **Passport**
- An alarm clock
- **Hand sanitizer/Hand wipes**
- Stomach medicine
- **Water bottles**
- toiletries
- Money
- Earplugs and eye mask
- **Medications (trip duration +2-3 days)**
- Good socks for hiking
- Lock
- Money belt
- **Photocopy of your passport**
- Ziplocks
- Toilet paper (for roadside toilets)

Food

- \$25 per person per day (\$1=3.38 Peruvian sol)
- Grocery for breakfast and lunch, eating out for dinner
- Does not include the 15th and dinner on the 26th
- Does not include alcohol and snacks
- Might not include food in MP
- If we manage to keep within the food budget \$75 of our flights will be subsidized by DEES



Things to do before leaving:

- Register individually with ISOS
- Download offline google maps of Peru
- Download “GPS status” app
- Register for note taking here (Register twice please)
- Download these offline list for google maps
- Research food places in Paracas, Nazca, Arequipa, Puno, Cusco and Aguas Calientes and update the offline list
- Online map can be accessed here
- Inform your credit company about traveling
- Finish your write-up today !!!
- Show up by **6:20 am on Broadway and 116th** (Miller theater) on the 15th with all of your stuff !!!!

