...PRESENTS:

TIM NORRIS
WHS SCIENTIST IN RESIDENCE, 2012-2013

Some stuff about me:

Mitucocha, Peru – our favorite mode of transportation

Tim at 16,000 ft in the Andes
(Photo: Ben Ditto)

- **Age:** 44
- **Where I grew up:** Davis, CA (amongst the corn and tomato fields)
- **High School:** Davis High School
- **Favorite Subject in High School:** Physics and Drafting
- **College (undergraduate):** UC Berkeley
- **Some of my favorite things:** bicycles, being outside (in the big room), travel and helping others to travel, music, food, learning new things
- **Something weird about me:** I have bones in the back of my hand that I can make my sinews jump over.
- **What I think or do when I get frustrated:** stop whatever I am doing and tell someone about it. If no one is around to talk to, I go for a walk.

Explaining how GPS and satellites work together to a community in the Andes

Explaining maps and satellite images to community leaders

Several High School students identifying pasture species at one of the high altitude campsites

Filtering a water sample for fecal coliform bacteria

What I study

I work to promote conservation in the mountains of Peru (the Andes). This involves monitoring water quality in local communities affected by mining operations and studying pasture conditions where cows and sheep graze.

While I love the fun field science, I spend most of my time facilitating relationships among local ranchers, tourist guide agencies, mining companies, and the Peruvian government. Without cooperation among these groups of people, conservation is not possible.

Before I became a graduate student I was a cartographer (professional map maker). Maps are great tools for scientific analysis as well as to promote communication and build relationships. Everybody loves maps.

As a SCWIBLES fellow I look forward to sharing my love of maps with the students at WHS. Together we can use maps to understand human relationships with the earth and make better decisions to reduce negative human impacts on the environment.