

Sage Faculty meeting
9/22/2021

Matt Ralston too busy this summer for SAGE?
Questions re: Active Seismic
lu met with darcy and john last week
lu and oliver working on reserving spots

Lu & Oliver: operational update
-camp reserved
-Betsy at UNMLA contacted, open but too far out
-Vee and Carlos replied, should be open
-SFIS replying; big on vaccine

students met on the 14th in SF, faculty arrive in sunday, hit ponderosa in 15th with students
heard from bird, carlos and vee
last day is the 28th

Gary Luhan at SFIS relayed:
100% vaccination required
not booking for next summer yet; calling at end of December to see how things are going
Plan B: book more time at Ponderosa on a different car and name; talk to Bird?

Betsy at UNMLA:
in 2019, we only had lecture hall on specific days; classroom the whole time
if we want flexibility, we might want to book as much time as possible; seems like a legitimate
expense, pending cost quote vs Enterprise
John: we had the dance studio(?), used the front half for group lecture stuff
Lu: 2018; could leave things in there also

Vehicles, rooms in Los Alamos: will be dealt with in March

TA interested: Danny Piccone(?), graduated from Colorado School of Mines

Seismic

Chris Garchetti (?), finishing PhD at Columbia; would like to have him as visiting faculty
-can do grav and/or seismic

Lumley: standing meeting at our time; having a chat after SEG next week. Looking forward to field
work, but maintaining adjunct status

Vibe is fun and good, but a big investment

Passive should continue; Akram has a week for SAGE
processing software?

Small call with chevron and exxon, to hear what they have to say re: seismic and SAGE relationship
short-term: near-surface seismic only this year?

John has submitted a pre-proposal to finish gravity work)

Paul and Darcy have talked to nm water science center, putting in proposal re: groundwater over a milion dollars focused on Valles Grande, San Antonio and Toledo for thickness of water-bearing units; cost is associated with multi-level wells. Historical wells from cattle ranching, but not much currently

Shari: wells by Conover, but mostly never hit bottom; quality was not good enough

Paul: trying to pull together data from old and new wells; also, possible downhole DTS logging infiltration gallery under creek for bunkhouse; looking to get away from also interested in putting DTS in/near some constrictions we were looking at in the north

John: Paul, Shari and John overdue for Science committee meeting

UNM-UTEP field work; need to get in communication

Marianne ?? and Diane Doser Running a geophysics camp there too; get to know what they're doing, see if there are things we can complement. Be sure we have good grav coverage on seismic line, for instance

Shari: ran into Diane's husband Mark Baker; seemed disinterested. Maybe just sharing data?

Akram: reached out to Nanometrics (big manufacturer of seismic sensors) to see re: expertise; some interest, talking in a week or two re: instrument loans, monetary contribution or expertise.

What about active?

David looking forward to spending time in the field, Chris interested in visiting for a month

Paul: current thinking is if able to get traditional setup with vibe, hole is Matt, processing environment. If can't find them, maybe not have deep active component this year; focus on hammer and passive. Field component would be new passive data?

John: looking for one or two people to take up slack re: vibe seismic. Should go to plan B by the end of the year if no major developments

Daniel: Chris could be in charge of acquisition?

Megan: how have you been procesing shallow seismic?

John: all been refraction mostly; some custom software. Can do shallow reflection, but still need processing system. Does IRIS still have Parallel Software license?

Akram: have SPW V.4 software; table it for now

Paul: could we use that for both hammer and vibe? John: yes; Lu: do we have anyone?; Akram: have some experience, but high learning curve

Paul: are there people at PASSCAL with experience?; Akram: only been using it to convert file formats, let PI use it if they want

Lu: could we get a contact at the company? John: had very good relationship in the past, still on good terms. Dan Harold?

Megan: if vibe too expensive etc., betsy guns? Shotgun blanks; questions re: permitting. Castillo Geophysical; easy to use, did 350m lines, see 100m depth easy with survey design, could get loaned, just cover shipping and shells

Lu: Don Steeples: condoms and ammo

Get back together on this early october to cover exact dates and seismic solution, straighten things out with Megan

Second week in October, short touch-base re seismic and dates