

**Participant Information and Schedule for HSPDP Third Annual Meeting
Arizona State University, Tempe, AZ, Jan. 13-15, 2017**

Venues

See included map or <https://www.asu.edu/map/interactive/>

All participants will be staying at the Graduate Hotel, 225 E. Apache Blvd, Tempe, AZ 85281 (480-967-9431) <http://graduatetempe.com>

All meetings and meals (excluding welcoming reception) will be at the School of Earth and Space Exploration (SESE) at Arizona State University. Room 240 of the Interdisciplinary Science and Technology Building 4 (ISTB-4), 781 E. Terrace Mall (intersection of Orange St. and McAllister Ave). Video conferencing will be made available.

The walk from the Graduate to SESE is about 10 minutes (0.6 miles).

Contacts

Chris Campisano: +1-480-278-0925

Andy Cohen: +1-520-471-2625

Transportation (see maps)

The Phoenix airport (PHX) is only ~5 miles west of ASU and can easily be accessed by the hotel shuttle, Valley Metro Light Rail, or taxi/Uber/Lyft.

The Graduate Hotel offers a shuttle that departs from the hotel every hour on the hour from 6:00am to 10:00pm. You can call the front desk when you arrive (480-967-9431) and they will direct you to the pick-up location depending on your terminal.

Light Rail (<http://www.valleymetro.org>): You will need to take the Skytrain from your terminal to the Light Rail station (~5 minutes depending on terminal). From there, take the Light Rail EAST (towards Mesa Dr/Main St) and get off at the Veterans/College stop. It is about a 15 minute ride and costs \$2 each way (tickets purchased at stops).

You can either walk through campus to the hotel (0.8 mile directly south) or take the free “Orbit” bus which picks up at the Light Rail stop (blue shuttle busses). Make sure you take the “Jupiter” route and get off at the Apache Blvd/College Ave stop (first stop after the bus goes around Gammage Hall, which looks like a pink wedding cake). Then backtrack 1 block west along Apache to the hotel. The trip takes about 8 minutes.

If you are going to/from SESE to the airport, you will want to use the University/Rural Light Rail stop (0.2 miles).

Taxi/Uber/Lyft: Approximately 10-15 minute ride. Last Uber ride from PHX-ASU was ~\$10

Important Reminder for international visitors funded by HSPDP-NSF

Please make sure you have checked with the university representative funding your travel for any requirements their university has for reimbursements and travel payments. These differ between universities. For international travelers being reimbursed or whose airfares are paid directly by the University of Arizona please bring a photocopy of you visa or ESTA form, passport and I-94 (which is printed from the homeland security site).

Meals

The following meals are covered by the workshop. Friday, Jan. 13th: welcome reception; Saturday, Jan. 14th: breakfast, lunch, dinner, plus coffee breaks; Sunday, Jan. 15th: breakfast, lunch plus coffee break. Participants whose travel costs are covered by the workshop and who need to be reimbursed for additional meals should keep all receipts and discuss this with the university representative funding their travel.

Schedule

Friday January 13th

7:00-9:00PM *Welcoming Reception* – Graduate Hotel - Rooftop Terrace. Taco bar and cash bar.

Saturday January 14th

7:45-8:30am *Breakfast* – ISTB-4 “Crater Carpet” (3rd Floor)

8:30 Start of technical meeting – ISTB-4 Room 240

8:30-8:45 Andy Cohen, Chris Campisano, Kaye Reed: Welcoming Remarks.

8:45-10:00 Site overview and progress reports + *single* publication timeline slide

8:45-8:55 Al Deino: BTB

8:55-9:05 Chris Campisano: NAO/NAW

9:05-9:15 Cat Beck: WTK

9:15-9:25 Rick Potts/Kay Behrensmeyer: OLO

9:25-9:35 Frank Schäbitz/Henry Lamb: CHB

9:35-9:45 Bernie Owen: MAG

9:45-10:00 General discussion on site overviews

10:00-1:00 Method/proxy progress reports

10:00-10:10 Al Deino: Update on Ar/Ar geochronology progress

10:10-10:20 Mark Sier: Update on paleomagnetism progress

10:20-10:30 Helen Roberts/Christopher Ramsey: Update on CHB age model progress

10:30-10:45 *Coffee Break*

10:45-10:55 Mona Stockhecke: Update on scanning XRF progress

10:55-11:05 Isla Castañeda/Rachel Lupien: Update on organic geochemistry progress

11:05-11:15 Dan Deocampo: Update on XRD geochemistry progress

11:15-11:30 Proxy discussion I

11:30-11:40 Jeffery Stone: Update on diatom paleoecology progress

11:40-11:50 Emily Beverly/Jonathan Wynn: Update on paleosol integration

11:50-12:00pm Chad Yost: Update on phytolith and pollen progress

12:00-12:10 Finn Viehberg/Jonathan Dean: Update on CHB paleohydrology/environment

12:10-12:20 Zach Naiman: Update on Earth System Modeling progress

12:20-12:30 John Pelletier: Update on geomorphic modeling progress

12:30-12:40 Ramon Arrowsmith/Manfred Strecker: Update on basin history, exhumation and geomorphologic history studies

12:40-1:00 Proxy discussion II

1:00-2:15 *Lunch* – ISTB-4 “Crater Carpet”

2:15-5:30 Site working group breakout discussions (participants can circulate between discussions – sites will be in different rooms) Rooms 240, 296, 692, 696

2:15-3:00 Magadi & Baringo

3:00-3:45 Ologesailie & West Turkana

3:45-4:00 *Coffee Break*.

4:00-4:45 Chew Bahir & Northern Awash

4:45-5:30 Plenary discussion of site group plans

5:30-7:00 Dedicated time for posters and open discussion. Cash Bar – ISTB-4 “Crater Carpet”

7:00-9:00 *Dinner* – ISTB-4 “Crater Carpet”

Sunday January 15th

7:45-8:30 AM *Breakfast* – ISTB-4 “Crater Carpet”

8:30-12:45 Round Table and Breakout Group Discussions. Rooms 240, 296, 692, 696

8:30-9:30 Round table discussion I: Data + Modelling Integration (Leaders: Joellen Russell, Pelletier, Arrowsmith)

9:30-10:30 Roundtable discussion II: Coordination/Comparison of Time Series Analyses (Leaders: Trauth, Jim Russell, Stockhecke, Dommain)

10:30-10:45 *Coffee Break*

10:45-11:45 Breakout discussions I. What’s left to do? Needs and Prioritizing.

Organic Geochemistry (Group Leader-Jim Russell; Rapporteur-Troy Ferland)

Paleoanthropology/Core-Data integration. (Group Leader-Kaye Reed; Rapporteur-Jose Joordens)

Sedimentology/Stratigraphy: (Group Leader-Jenni Scott; Rapporteur-Emily Beverly)

11:45-12:45 Breakout discussions II. What’s left to do? Needs and Prioritizing.

Geochronology (Group Leader-Mark Sier; Rapporteur-Helen Roberts)

Core Paleoecology (Group Leader-Finn Viehberg; Rapporteur, Sarah Davies)

Inorganic Geochemistry (Group Leader-Mona Stockhecke; Rapporteur-Nate Rabidaux)

12:45-2:00 *Lunch* (includes time for rapporteurs to organize notes)

2:00-3:00 Plenary session for rapporteurs to present and group to discuss outcomes of group discussions (10 minutes each)

3:00-4:00 Plenary session: Outreach and education planning

3:00-3:15 Doug Prose. Update on plans for TV documentary on HSPDP

3:15-4:00 General discussion on outreach and education planning needs, meeting opportunities and organizers for 2017, plus remaining topics and closing remarks

Dinner: Participants remaining in Tempe in the evening should make their own plans for dinner. ASU crew can make suggestions.

Monday January 16th

For those remaining in Tempe, we can try to coordinate a hike at one of the nearby mountains (Piestewa Peak, Camelback, South Mountain).

Posters (only 1st author listed)
~ 32 inches x 37.5 inches

Beck, C.C. Chemistry, chronology, and correlations of West Turkana tephra.

Behrensmeyer, A.K. The Oltulelei Formation.

Billingsley, A.L. Plio-Pleistocene climate variability of East Africa as seen in a HSPDP drill core from Tugen Hills, Kenya, and the possible implications for hominin evolution.

Bright, J. Olorgesailie Drilling Project: Koora Basin, southwest Kenya: Oxygen, carbon, and strontium isotope results from biologic calcite and fish bone.

Chapot, M.S. Luminescence dating investigations of a long lacustrine sedimentary record of palaeoenvironmental change from Chew Bahir, Ethiopia.

Chatanantavet, P. Linking landscape evolution, climate change, sediment dynamics, and sedimentary record.

Davis, D.A. A Mineralogical Analysis of HSPDP Core Samples from The Northern Awash: Pliocene Hadar Formation, Ethiopia.

Dean, J.R. Stable isotope records from Chew Bahir bulk endogenic calcites.

Ferland, T.M. A climate and environmental context for hominid evolution: Preliminary biomarker and compound specific isotope data from Lake Magadi, Kenya.

Foerster, V. How Dry was too Dry? Evaluating the Impact of Climatic Stress on Prehistoric Human Populations in southern Ethiopia.

Garello, D.I. An update on the Chemeron Formation Tephrochronology: Challenges in correlating the Baringo-Tugen Hills HSPDP core tephra to outcrop tephra.

Joordens, J. Coastal refuge: a biogeographic frame work for early hominin evolution in Africa.

Junginger, A. How wet is wet? Strontium isotopes as paleo-lake level indicators in the Chew Bahir basin (S-Ethiopia).

Lane, C.S. Results from a preliminary tephra study of the Chew Bahir HSPDP cores.

Lupien, R. Leaf wax biomarker reconstruction of Early Pleistocene hydrological variation during hominin evolution in West Turkana, Kenya.

Minkara, K. Mineralogical and geochemical updates for BTB Tugen Hills.

Negash, E.W. Isotopic Data and petrographic observations from pedogenic carbonates from the NAO/NAW cores: implications for terrestrial environments.

Rabideaux, N.M. Volcanoclastic sediment diagenesis: Insights from the Hominin Sites and Paleolakes Drilling Project in the Southern Kenya Rift.

Rabideaux, N.M. The Turkana problem: What's trending?

Schaebitz, F. Hominin Sites and Paleolakes Drilling Project. Chew Bahir, southern Ethiopia: An archive of environmental history during the evolution and dispersal of anatomically modern humans.

Scott, J.J. Trace fossils as tools to recognize stratigraphic packaging and lake cyclicity in Kenyan rift lakes.

Thompson-Munson, M. Evaluating the potential for isoprenoid and branched GDGT temperature reconstructions in West Turkana and Northern Awash Basin sediments.

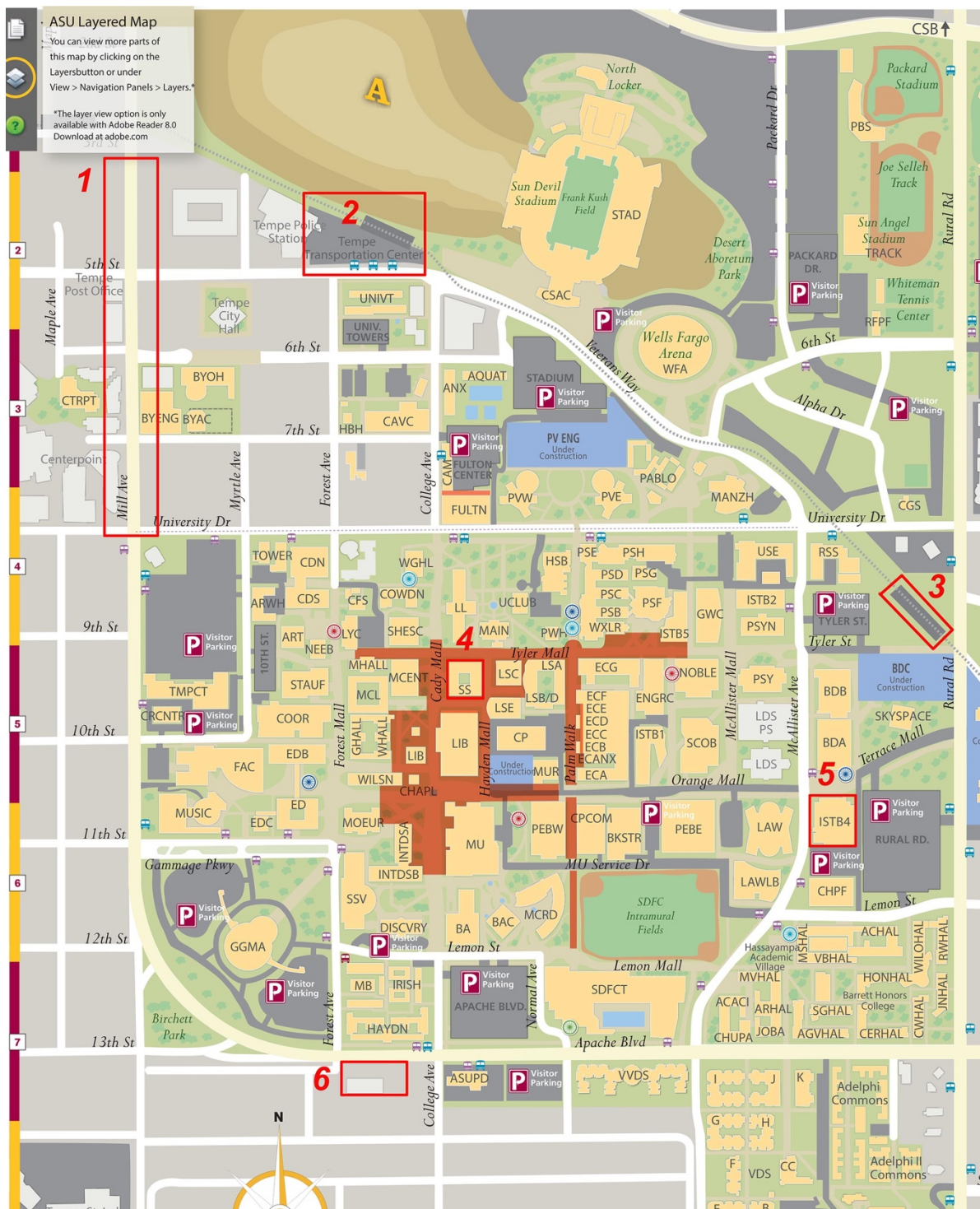
Upadhyay, D. A paleoenvironment and paleotemperature study of the Northern Awash and West Turkana Basins during Pliocene times.

Wynn, J.G. Lacustrine paleoenvironments from sulfur isotope records of the Hominin Sites and Paleolakes Drilling Project (HSPDP) cores.

Yost, C.L. Phytolith, pollen and microcharcoal analysis of the HSPDP West Turkana (WTK) core.

Yost, C.L. Preliminary phytolith and microcharcoal analysis of the HSPDP Northern Awash (NAO/NAW) cores.

Zawacki, E.Z. Paleoerosion rates, exhumation rates and sediment provenance from the CHB, BTB, NAO/NAW and WTK HSPDP sites utilizing cosmogenic radionuclides, (U-Th)/He and U-Pb thermochronology.



- 1 – Mill Ave. Main stretch of restaurants and bars (also some west along University Ave).
- 2 – Veterans Way /College Ave Light Rail stop. Pickup up Orbit (Jupiter) bus here.
- 3 – University Dr. /Rural Rd Light Rail stop
- 4 – Social Sciences Building (IHO, my office Rm 220, Northern Awash pre-meeting in Rm104)
- 5 – ISTB-4 (meeting building, enter from the north side)
- 6 – The Graduate Tempe Hotel

HSPDP Annual Meeting Participants Jan. 13-16, 2017, ASU

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