



SEPUP ACADEMY 2016

Silverthorne, CO | July 25-29

AGENDA

- Hotel: LaQuinta Inn and Suites
560 Silverthorne Lane, Silverthorne, CO 80498, 970-468-6200
LAB-AIDS will cover room and tax, billed directly to our master account.
Bring a credit card for check in to cover incidental expenses.
- We will meet at the Keystone Center, 1628 Sts John Road, Keystone, CO
- Mark's cell phone: 510-325-4022, mkoker@lab-aids.com
- *Participants bring tablets or laptops, make sure to do your advance reading (available at http://www.lab-aidsinstitute.com/institute_advanced_reading.php)*

SEPUP Academy Staff

- Mark Koker, LAB-AIDS Institute, San Leandro, CA
- Dick Duquin, LAB-AIDS Senior Consultant, Kenmore NY
- Kathy Burke, LAB-AIDS Senior Consultant, Buffalo NY

Invited speakers

- John Howarth, Co-Director, SEPUP
- Harold Pratt, Science Consultant, Address to follow
- Lisa Martin-Hansen, Chair, Science Education, CSULB
- Rachel Shefner, Loyola University of Chicago
- Michael Lach, University of Chicago

Monday, July 25

- Travel to Colorado; hotel check in time is 3 pm.
- Van Shuttle from the Denver Airport is through Colorado Mountain Express (www.cmex.com, 800-525-6363). You should have confirmation numbers from us. Check in at the CMEX kiosk in the Denver airport upon arrival and after claiming checked baggage, for the ride up the 'hill' to the LaQuinta Inn in Silverthorne, about a 90 minute ride, depending upon traffic, and you are dropped at the hotel.
- If your plans change, please change or cancel your CMEX reservation within 24 hours of scheduled time.

6:00 Dinner, meet in the lobby, Old Chicago Restaurant, adjacent to the hotel

Tuesday, July 26

- 7:00 Continental Breakfast, hotel, on your own
- 7:30 Meet in lobby to carpool to Keystone Center
- 8:00 Welcome and introductions
- 8:25 Meeting overview, *Mark*
- 8:30 SEPUP Top Ten, *Dick*
What's most important about SEPUP? Is it the issues? The support for literacy and assessment? The cute little trays and bottles? This activity will help put it all in perspective.
- 10:00 Using Issues in SEPUP, *Mark and Dick*
Over the years, SEPUP has become known for its use of societal and personal issues to drive the science curriculum. In this session, we take a closer view of the selection and use of issues in SEPUP.
- 11:00 Technology support for SEPUP, *Mark*
New tools include Labsent videos for absent students, new PowerPoints, new PD video support, support for the EQUIP rubrics and tools, and more! Bring your laptops and tablets.
- 12:00 Lunch
- 1:00 Literacy in SEPUP, *Kathy and Dick*
SEPUP develops and integrates strategies to support student reading comprehension, writing, oral language, and synthesizing information. This session will include a review of the strategies using selected SEPUP program materials and our approach to using notebooks in the science class.
- 3:00 Assessment in SEPUP, *Dick and Mark*
The assessment system in SEPUP has been in development since 1995, and has received national interest and acclaim. This session will present an overview of the best assessment system that teachers never use, with attention to criteria setting with the scoring guides, and coaching teachers.
- 5:00 Dismiss, rides back to the hotel
- 6:30 Dinner, meet in lobby, ride to Breckenridge

Wednesday, July 27

7:00 Continental Breakfast, hotel, on your own

7:25 Meet in lobby for rides to campus

8:00 SEPUP in Chicago, Rachel

The SEPUP program has been used at the middle level in Chicago since 2005, which is a long time anywhere, let alone in challenging urban environments. Rachel will provide an overview of the use of the program in CPS, including efforts to support PD for teacher growth and development, administrative challenges, and our high stakes testing environment.

9:30 All About the NGSS, Harold

The Next Generation Science Standards call for a paradigm shift in the way science is taught, learned, and assessed. This session will review important conceptual shifts in the NGSS and set this important new movement in context with previous national science reform efforts.

11:00 SEPUP and the Nature of Science, Lisa

The NGSS provide ancillary support for the nature of science, seen at the bottom of selected foundation boxes and appendices. This session will unpack this topic and detail SEPUP support for this critical science program outcome. This session continues after lunch

12:00 Lunch

1:00 SEPUP and the Nature of Science, Lisa

Part 2, continues from morning session

2:30 Mid-conference break

What good is being in such a beautiful spot if you stay indoors and work all the time? Okay, that's rhetorical, no need to answer! You can hike with us to Shrine Ridge (12,000 ft), bike the Dillon Lake, shop until you drop, or just hang out and stare at the mountains. More detail on outdoor options will be provided.

7:00 Dinner, meet in lobby, drive to restaurant, TBA

Thursday, July 28

7:00 Continental Breakfast, hotel, on your own

- 7:30 Meet in lobby to carpool to Keystone Center
- 8:00 Conceptual flow and science content in SEPUP, *Dick*
A closer look at how SEPUP supports depth of science content and understanding, and a look at tools to highlight how science concepts are linked.
- 9:30 SEPUP and NGSS, *John*
This interactive session will examine SEPUP support for NGSS and Common Core, and will look at future directions and timeline for development. SEPUP's plan is to provide true three-dimensional support for the DCI's, Crosscutting Concepts, and Science and Engineering Practices, and this session will provide a look at the pathways for doing this.
- 12:00 Lunch
- 1:00 Perspectives on Curriculum and Change, *Michael*
Teaching science in urban settings can be challenging. And changing the science curriculum to incorporate a more best-practices inquiry program can be even more challenging. And keeping the program in place for 10+ years can be even more challenging still! This session will include reflections on the process.
- 2:00 High School SEPUP, *Brian*
This workshop will introduce the SEPUP high school biology course through a popular activity on gene expression, and will highlight literacy strategies associated with the course.
- 3:00 Adult learners and workshop facilitation, *Dick*
What are the differences between adult learners and children? What is your preferred learning style? How can this knowledge help you as a workshop leader?
- 4:00 Taking Leadership for SEPUP, *Mark*
This session will provide an overview of leadership options for SEPUP, including a look at the Concerns-Based Adoption Model (CBAM) work, from the University of Texas, Austin.
- 5:00 Final conference evaluation, certificates, and group photo, *Mark*
- 5:30 Return rides to hotel
- 6:00 Dinner, on your own
- Friday, July 31**
- 7:00 Continental breakfast *Safe travels back home!*