



## SEPUP ACADEMY Silverthorne, CO

July 24-28, 2017

### AGENDA

- Hotel: Hampton Inn and Suites  
177 Meraly Way, Silverthorne, CO 80498, 844-699-3719  
*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 Saints John Road, Keystone, CO
- Mark's cell phone: 510-417-6547, [mkoker@lab-aids.com](mailto:mkoker@lab-aids.com)
- *Participants bring tablets or laptops, make sure to do your advance reading (available at <https://store.lab-aids.com/professional-development/advanced-reading>)*

#### **SEPUP Academy Staff**

- Mark Koker, LAB-AIDS Institute, San Leandro, CA
- Dick Duquin, LAB-AIDS Senior Consultant, Kenmore NY
- Lisa Kelp, LAB-AIDS Institute, Novi, MI
- John Howarth, Co-Director, SEPUP
- Lisa Martin-Hansen, Chair, Science Education, CSU-Long Beach
- Michael Lach, University of Chicago and Achieve
- Brian Gross, Delcastle Tech, Wilmington DE
- Hethyr Tregerman, LAB-AIDS Product Management

#### **Monday, July 24**

- Travel to Colorado; hotel check in time is 3 pm.
- Van Shuttle from the Denver Airport is through Shuttle Express (<https://www.summitexpress.com/reservations/?LOGON=GO&portal=LABAIDS> , password LA2017). You should have online booking codes from us to make your round trip reservations in advance. Check in at the Shuttle Express counter in the Denver airport upon arrival and after claiming luggage, for the ride up the 'hill' to the hotel 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 reservation within 24 hours of scheduled time.

6:00 Dinner, meet in the lobby, Dillon Dam Brewery, walk from hotel

## **Tuesday, July 25**

- 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, *Mark*  
*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. #hashtag: SEPUP*
- 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, *Lisa Kelp*  
*New tools include Labsent videos for absent students, new PowerPoints, new PD video support, support for the EQulP rubrics and tools, and more! Bring your laptops and tablets.*
- 12:00 Lunch
- 1:00 Literacy in SEPUP, *Dick and Mark*  
*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 26**

- 7:00 Continental Breakfast, hotel, on your own
- 7:25 Meet in lobby for rides 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.*
- 9:00 New unit focus: Biomedical Engineering, *Lisa Kelp*
- 10:00 SEPUP and the Nature of Science, *Lisa Martin*  
*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.*
- 12:00 Lunch
- 1:00 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, if the Peak 2 fire permits), 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.*
- 6:00 Dinner, meet in lobby, drive to restaurant, TBA

***Thursday, July 27***

- 7:00 Continental Breakfast, hotel, on your own
- 7:30 Meet in lobby to carpool to Keystone Center
- 8:00 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. Sample activity from the new Weather and Climate unit.*
- 10:00 Goals and Strategies for Science Education Leaders, *Michael*  
*This session will provide an overview and discussion of common strategies used to improve science education over time, and will help attendees craft and improve their "elevator speech" for their district's science education improvement efforts.*

- 11:00 Perspectives on Curriculum and Change, *Michael*  
*Teaching science and implementing NSF reform-based inquiry programs in urban settings like Chicago can be challenging. Working at the national level to further support these efforts is more challenging, still! Mike shares his reflections on the process.*
- 12:00 Lunch
- 1:00 New NGSS unit focus: Reproduction, *Hethyr*
- 2:00 High School SEPUP, *Brian*  
*This workshop will introduce the SEPUP high school biology course through a popular activity on gene expression and includes supporting literacy strategies*
- 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 UT- 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 28***

- 7:00 Continental Breakfast, hotel, on your own

*Safe travels back home!*