



10th Annual K-16 Life Sciences Lost in Transition Summit

February 19, 2015 Casper, Wyoming



Session Feedback transcribed February 22, 2016

n = 20 responses

All responses from evaluation forms were transcribed exactly as written.

Not all respondents answered all questions.

1. Please rate the overall quality of the day's work: My rating is___ (1-10, with 10 being highest quality)

7,8,8,8,8,8,8,9,9,9,9,9,9,10,10,10,10,10

mean: 8.85

mode: 9

median: 9

Comments:

- The conversations are encouraging and nourishing.
- Thanks!
- Great ideas about active learning and assessment. I'm not sure we are set up to evaluate student success with active learning vs. traditional lecture.
- Very well structured. Adequate amounts of bacon, really enjoy this collegiality.
- There are many options out there.
- I got a little burnt out after lunch, because I felt I had so much to process. But I actually think that is a good thing! I look lots of notes so I can process the rest later!
- Always educational and enjoyable.
- Great discussion.
- This was the best summit I've been to!
- Lots of good ideas and discussion. A bit of digression – maybe because this is a difficult topic?
- I learned a lot about assessments I can use. Lots of things to try.
- I loved sharing the projects! Would have liked to see more – maybe a gallery walk?
- I am very pleased with the summit. I think was time well spent. I am very glad to meet people who are interested in active learning.
- Lots of great ideas!

2. What did you learn from discussions on evaluating active learning?

- I learned that there is some consistency in understanding how to evaluate active learning. Also, there is some confusion.
- Common problems across levels, new ideas, enhanced collaborative community. ☺
- It is easier to deliver active instruction than active assessment.
- Concerns and problems are remarkably similar across the K12 spectrum.
- There are many ways to do this without creating too much work for yourself.
- I loved the discussion at tables. As a 1st grade teacher, I was worried. However, it was neat to collaborate across K-college and have value conversation.
- The breadth of assessments for active learning as well as some new active learning ideas to try.
- Different perspectives of what it is and how to use it.
- That challenges and concerns are common in P-20+.
- Many techniques, activities, and properties of active learning.
- Everyone struggles with this topic, but there are many options.
- Common goals, obstacles, and outlooks.
- Many different ways to do this. Got a few new ideas.
- Everyone struggle with this piece.
- Active learning needs to have active assessment.
- Most importantly – actively thinking about active learning is important. I will incorporate at least two techniques into my class.



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- Challenges and successes at every level.
 - The one topic that I learned the most about was how to incorporate computer science into my science courses.
- 3. Based on today's discussions, what is one thing you will try in your class(es) right away to evaluate the effectiveness of your active learning approaches?**
- I will go back and evaluate my own assessments.
 - I will be better at explaining why/ or having students explain why we are doing an activity.
 - I am thinking about an "movie review." Not for the who year, but for an individual unit.
 - More input from students in developing assessment tools.
 - Every assessment needs to have more thought.
 - Peer evaluation, write a story.
 - Introducing and teaching critical thinking.
 - Some new, better assessment approaches.
 - Journey North idea.
 - N/A.
 - N/A = no classes but- tool development.
 - If-at cards.
 - More variety in implementation and if at cards.
 - Lots of new websites to try? Wow!
 - Be more deliberate in assessing more often, ask my students their perspective.
 - Students choose mod of how to present their own assessment.
 - Short questions at regular intervals to give students a moment break. May try to use clickers/phones.
 - If-at cards, group assessment.
 - NetLogo. ☺
- 4. Have you connected with our Life Sciences K16 WyoGroup for Facebook page? If so, how have these resources been useful and what can be improved? If not, why not?**
- I have not. I just learned about it today.
 - No, didn't know we had one...
 - I'm not a very active Facebook user.
 - No.
 - No, not a social media person.
 - No, I am just never on Facebook.
 - No.
 - NO – digitally challenged.
 - No – don't use FB much.
 - Not done.
 - No. Not previously aware of page.
 - Wyo-Groups.
 - No, didn't know.
 - I need to connect on Facebook. Is had not occurred to me to look.
 - Yes. Have not accessed them yet, but will.
 - Yes, it's fine.
 - No – I did not know about it. Also, I no longer do Facebook.
 - Yes, just got started.
 - This is my first year. I am looking forward to the K-16 connection.
 - No.



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5. What do you see as the next steps for K16 Life Science discussions? Any ideas beyond annual meetings that might be more useful to you?

- I would like to see active learning in action.
- Blooming exams, creating usable assessment.
- There was a lot of discussion about student motivation and effort. It might be interesting to bring our most motivating lessons of “high engagement lessons.” *Maybe we could look for common threads that motivate and engage?
- Demonstrations, have use (the participants) engage in active learning.
- Please continue to have these! They are very affirming and useful to share activities/assignments.
- More assessment/grades and alignment.
- How to get more involvement, all levels K-16.
- Just more time to share in smaller groups – maybe monthly meeting that move around the state?
- Webinars would be great. That was discussions would continue.
- While feedback is interesting platform a mechanism for collaboration would be nice, e.g. to share lesson plans, lessons learned, challenges, etc.
- I think a class learning objectives discussion would be interesting.
- How can we recruit more elementary participation?
- Share websites with a sample of what worked and what didn't.
- This is a good start for me.
- Share implementation ideas and challenges.
- Have you thought about workshops for K12 and teaching us how to incorporate the computer science with science topics?

6. Anything else you want meeting planners to know?

- Perhaps an added activity that's not discussion... creating something more tangible.
- I'm glad this is in Casper. Great facilitator – very nice job as a task master!
- Perhaps distribution of reference lists or even complete articles which might be pertinent to Life Science education.
- Nice job.
- Another very nice, useful meeting.
- Thank you!
- Nope.
- Great event!
- Great job, very worthwhile.
- Thank you so much!
- Thank you for all your hard work!
- These to K12 teachers because they provide an opportunity for sharing of ideas.

Transcribed by Kara Duggan, February 22, 2016