



9th Annual Life Sciences Lost in Transition Summit

Friday, February 20, 2015

Casper, Wyoming
UW at Casper, Casper College

Hosted by
The Wyoming School-University Partnership
The University of Wyoming Life Sciences Program

Summit Goals

1. Consider the active learning opportunities we provide students and what those experiences tell us about teacher expectations, student learning, and student success in the life sciences.
2. Gain a greater understanding of how we approach active learning at all levels and how we can improve our approach towards active learning in our classrooms.
3. Continue fostering conversation and collaboration across secondary and postsecondary levels after this summit.

Assignments

1. Read the Freeman et al. (2014) article, which you can access at the LifeSciences K-16 WyoGroup (<https://uwyo.instructure.com/courses/233006>).
2. Bring one example of an active learning approach from lecture or discussion (not a lab) and student work where applicable (one example that demonstrates good student understanding and one example that demonstrates poor understanding). Please make 7 copies of the activity and student work to share at your table.
3. Be prepared to discuss 2-3 additional active learning approaches you take in the classroom, and be able to share with the group why these approaches work well to improve student success.
4. Bring in one lecture concept that has been challenging for you to address through active learning for group discussion.
5. Be prepared to engage in deep, meaningful, and respectful conversations about student success in the life sciences!!

Agenda

8:30-8:45	Registration; coffee, tea, breakfast treats
8:45-9:15	Welcome, table introductions, Freeman reading discussion
9:15-9:30	Active Learning Overview
9:30-9:45	Overview of the day and ground rules
9:45-10:50	Table discussions – sharing active learning approaches & student work
10:50-11:00	Break
11:00-12:00	Table discussions continued
12:00-12:30	Lunch
12:30-2:00	Table discussions – where do we struggle and how can we improve upon the active learning experiences we provide students?
2:00-2:10	Break
2:10-2:50	Large group sharing and group discussion
2:50-3:00	The Life Sciences K-16 WyoGroup
3:00-3:15	Working with Teachers
3:15-3:30	Evaluation of the day's work
3:30	Adjourn

Event Sponsors

Wyoming School-University Partnership - www.uwyo.edu/wsup

UW Life Sciences Program - www.uwyo.edu/lifescience

UW Science and Mathematics Teaching Center (SMTc) - <http://www.uwyo.edu/smtc/>

