Design and Implementation of Flexible Spaces to Foster Greater Student Engagement

Kem Saichaie, Ph.D.

Associate Director

Learning + Teaching Support

Center for Educational Effectiveness

University of California, Davis

Pronouns: He | Him | His

kemsaichaie@ucdavis.edu





Evidence on ALCs

- Students in Active Learning Classrooms (ALCs) demonstrate **greater** learning gains than their peers in traditional classrooms;
- An active learning pedagogical approach lead to student learning gains over using a lecture-based approach in the same space;
- Alternative instructional approaches (blended, flipped) in an ALC can compensate for significant **reductions in face-to-face time** in the classroom.





Promoting Engagement (Abridged Version)

Administrators	Faculty	Students
Enlist many partners	Engage them in space design process	Share evidence about active learning
Employ data to drive space design	Invest in learning and teaching support	Link to post-college outcomes
Evaluate usage	Promote Early Adopters	Collect evidence about student learning





Generating Student Buy-In

Select the top 5 most desired characteristics among recent college graduates as reported by hiring companies?

- Creativity
- Computer Skills
- GPA (above 3.0)
- Leadership skills
- Problem-solving skills
- Teamwork skills
- Verbal Communication skills
- Written Communication skills
- Analytical/Quantitative skills

- 1. Leadership skills (80.1%)
- 2. Ability to work in a team (78.9%)
- Written communication skills (70.2%)
- 4. Problem-solving skills (70.2%)
- 5. Verbal communication skills (68.9%)



UC Davis Flex Spaces



Multi-Purpose Teaching School of Veterinary Medicine



Dorf Design and Communications Classroom College of Engineering



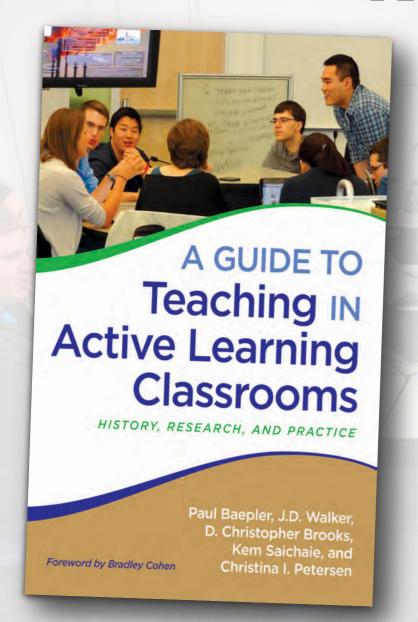
Learning Commons
Irene Betty Moore School of Nursing



Walker Hall (Spring 2018)

Main Campus

Resources





Active Learning Classrooms

This site is meant to provide information, advice, examples of best practices, and inspiration to those using or thinking about using the exciting and challenging learning environments known as "Active Learning Classrooms" (ALCs). While it is based on and geared towards the ALCs at the University of Minnesota, we hope it will serve others as well.

ALCs at the U of M

Active learning classrooms (ALCs), many of them located in Bruininks Hall, offer a unique teaching and learning environment. The positives of working in these ALCs include increased learning gains and students reporting high satisfaction with the learning environment. However, these spaces can present

Tutorials

Making Active Learning Work

Active Learning Classrooms

Designing Smart Lectures

Integrated Aligned Course Design

Search
"CEI" and

http://tinyurl.com/ALCbook "Active Learning Classroom"