Learning Spaces Collaboratory Webinar

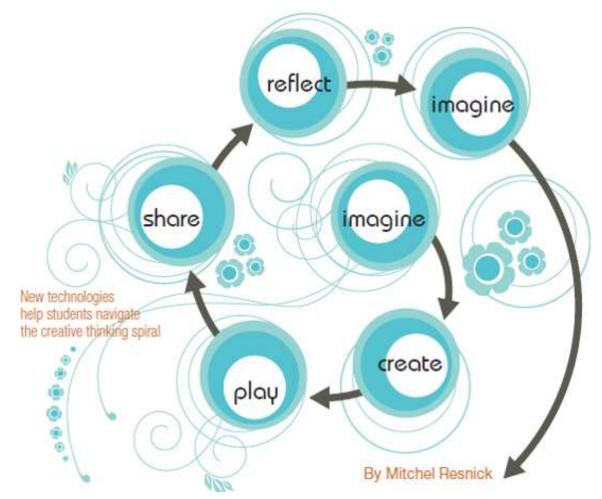
Strategies for Catalyzing Campus-wide Attention to the Future of Learning Spaces





LSC Roundtables

- Focus on learning
- Focus on planning
- Focus on the future
- Focus on questions

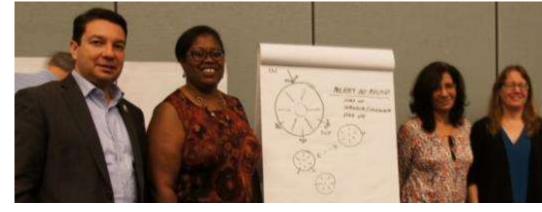


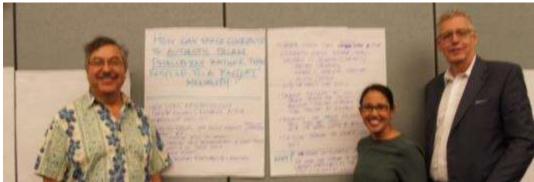
(Mitchel Resnick, LEGO Papert Professor of Learning Research and Associate Academic Head, Program in Media Arts and Sciences – MIT)

An institutional Roundtable at the California State University, Los Angeles











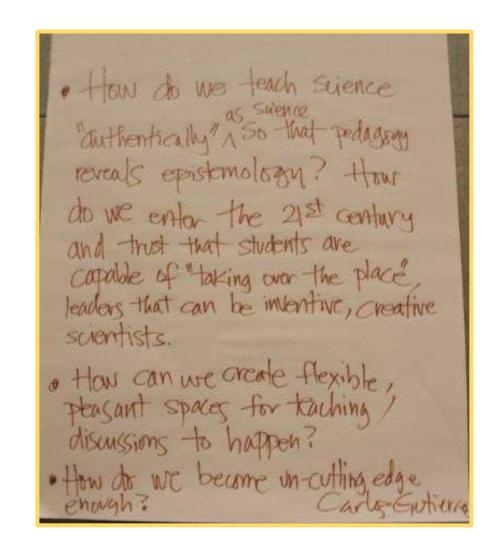


Facilitators

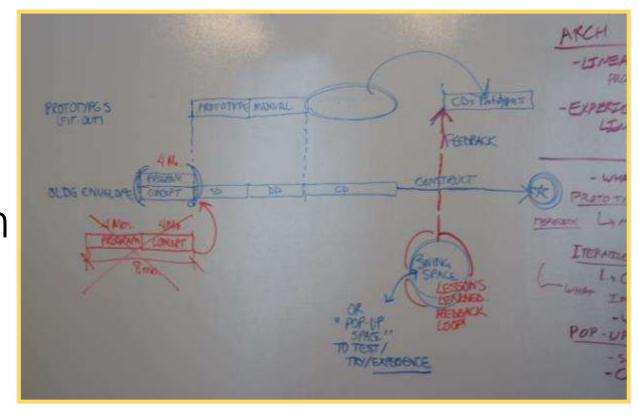
- Emily Allen, Dean of the College of Engineering, Computer Science and Technology – California State University Los Angeles
- David Connors, Associate Dean, College of Arts and Letters California State University Los Angeles
- Michael Dannenberg, Director of New & Emerging Technologies/Associate Principal – Vantage Technology Consulting Group
- Carlos Gutierrez, Professor of Chemistry California State University, Los Angeles
- Jeanne L. Narum, Principal Learning Spaces Collaboratory (*Moderator*)
- Carlos Rodriguez, Dean of the Library California State University Los Angeles
- Pamela E. Scott-Johnson, Dean, College of Natural and Social Sciences, Professor of Psychology – California State University Los Angeles

CSU LA Roundtable Strategy #1

Assemble thoughtful institutional leaders and stakeholders to a roundtable setting for an open-ended, extended discussion about spaces that matter.



Consider current institutional assets that can serve as a foundation for next-step strategies focused on the physical environment for learning.



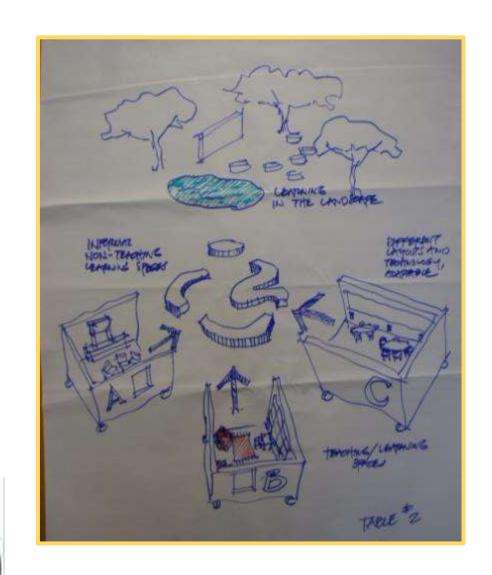
(Meredith Bostwick-Lorenzo Eiroa, SOM; Steve Duke, Auburn University; Parke Rhoads, Vantage Technology Consulting Group)

Outline an agenda for implementing those strategies.



(Rebecca Sharkey, ehdd)

Keep fostering informal and formal conversations about how spaces make a difference to learners & learning.



Research on Informed Participation and Empowerment

- Provide a mechanism allowing various participants to integrate their perspectives in a meaningful way
- Understand that people are motivated to participate ... if they see a benefit to participating.
- Highlight the rewards for investing time and effort. Rewards can range from a feeling of control over problems to a sense of good citizenship in a community.

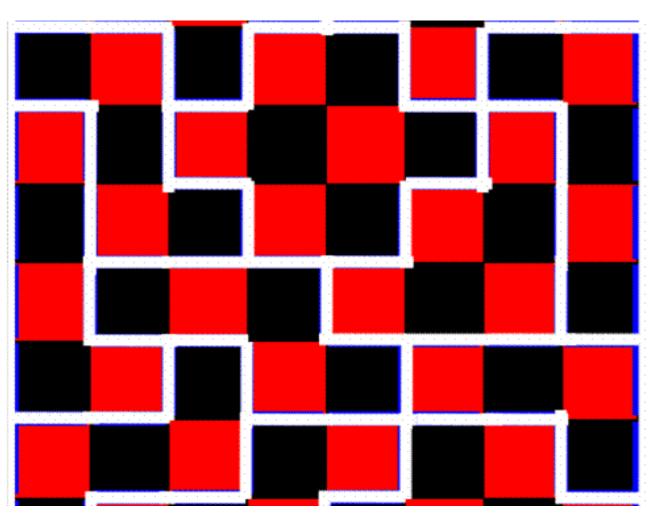
(Arias, Ernesto, Eden, Hal, Fischer, Gerhard, Gorman, Andrew, and Scharff, Eric. "Beyond Access: Informed Participation and Empowerment." University of Colorado, Boulder. 1999. http://l3d.cs.colorado.edu/systems/edc/pdf/cscl99.pdf)

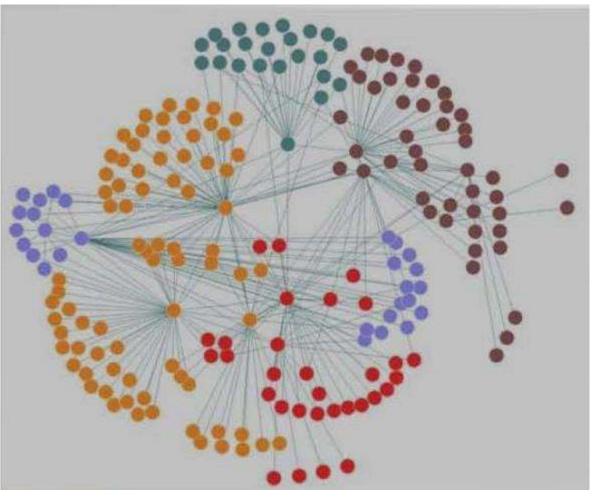
Research on Informed Participation and Empowerment

- Create organizational learning around new learning spaces
- Create a focus for the discussion. Ask what do we know, need to know; ask what is our desired outcome?
- Create diverse thinking teams, people with the appropriate perspective; assembling the right thinking team is one of the most important steps toward creating change.
- Practice learning together.

(Reflections on How to Create Institutional Change: A View from a Higher Education Change Scholar Adrianna Kezar, University of Southern California. The LSC Guide: Planning for Assessing 21st Century Spaces for 21st Century Learners. http://www.pkallsc.org/basic-page/lsc-guide-planning-assessing-21st-century-spaces-21st-century-learners)

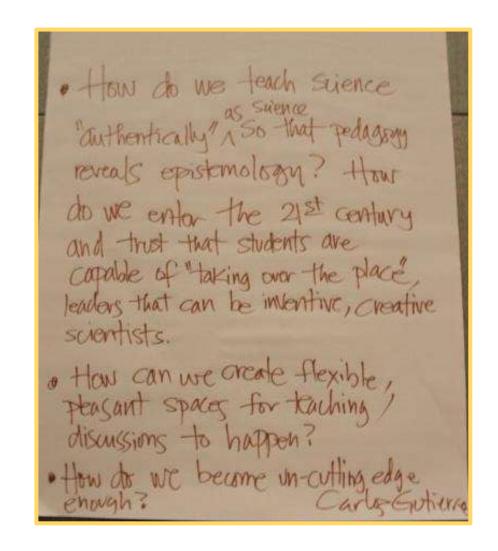






CSU LA Roundtable Strategy #1

Assemble thoughtful institutional leaders and stakeholders to a roundtable setting for an open-ended, extended discussion about spaces that matter.



Diverse questions

What keeps me up at night:

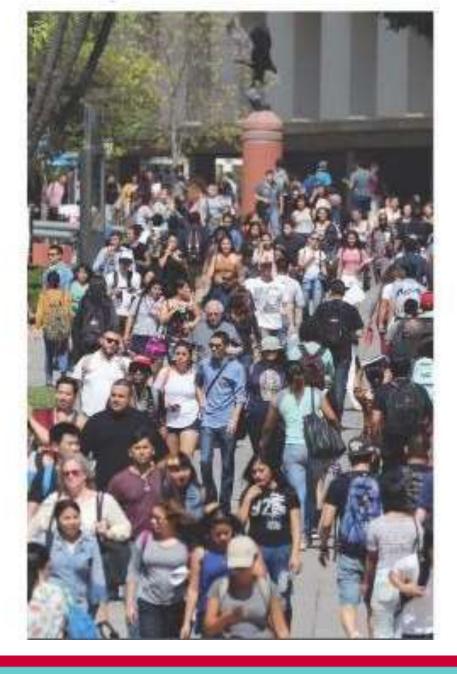
- How do we transform aged facilities into 21st century learning spaces?
- How do we provide an engaging environment in the library, a space that not only looks different to students, but feels better?
- How we think about where learning happens, about our institutional culture.
- How we integrate the institutional commitment to research-based learning in the education of all students.





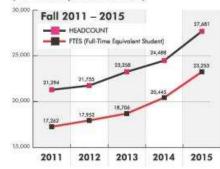
Strategy #2

Consider current institutional assets that can serve as a foundation for next-step strategies focused on the physical environment for learning.



HEADCOUNT + FTES

(Full-Time Equivalent Student)



HEADCOUNT BY STUDY LOAD

The average study load is 12.8 units for undergraduates, 9.5 for graduates/postbaccolourectes, and 12.3 overall.

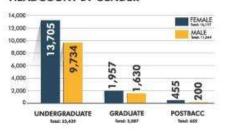
UNDERGRADUATE PARTTIME PARTTIME (12.0 OR MORE UNITS) 21 PARINTED 2,142-20,378 86.9% 919 GRADUATE FULL-TIME SE OR MORE UNITS PART-TIME (6.1 to 8.7 UNITS) 2,167 1,153 51.1% 27.2% 21.7%

AVERAGE AGE

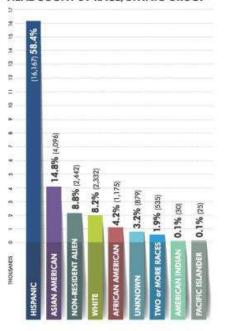


The average age* of undergraduates is 23.3, while that of graduates and postbaccoloureates is 30.6. The average for the combined group is 24.4. *As of October 15, 2015.

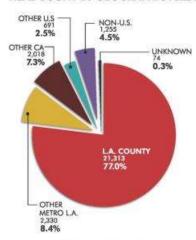
HEADCOUNT BY GENDER



HEADCOUNT BY RACE/ETHNIC GROUP

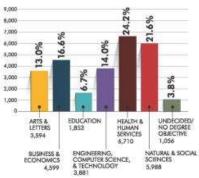


HEADCOUNT BY GEOGRAPHIC AREA



Based on Institution of Origin code.

HEADCOUNT BY COLLEGE

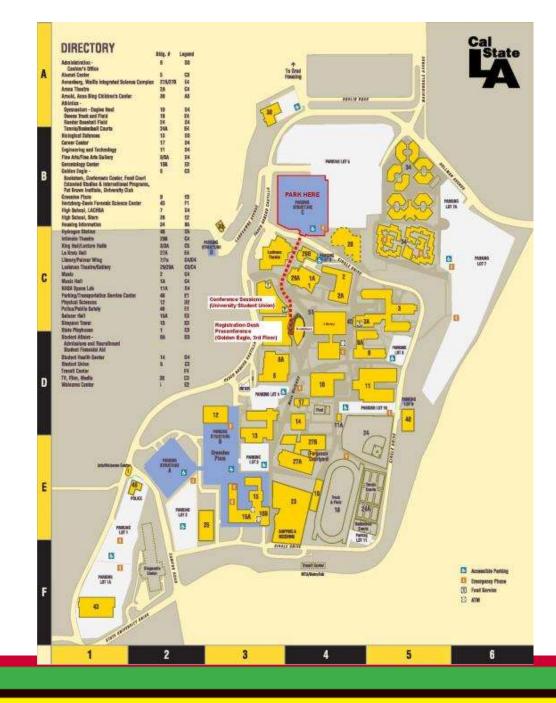


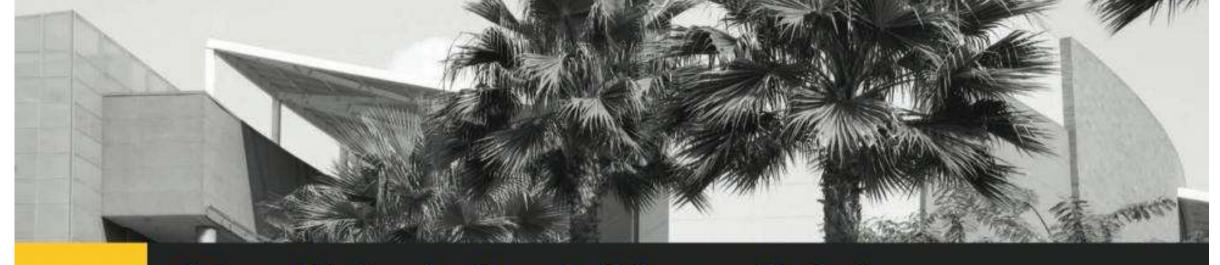








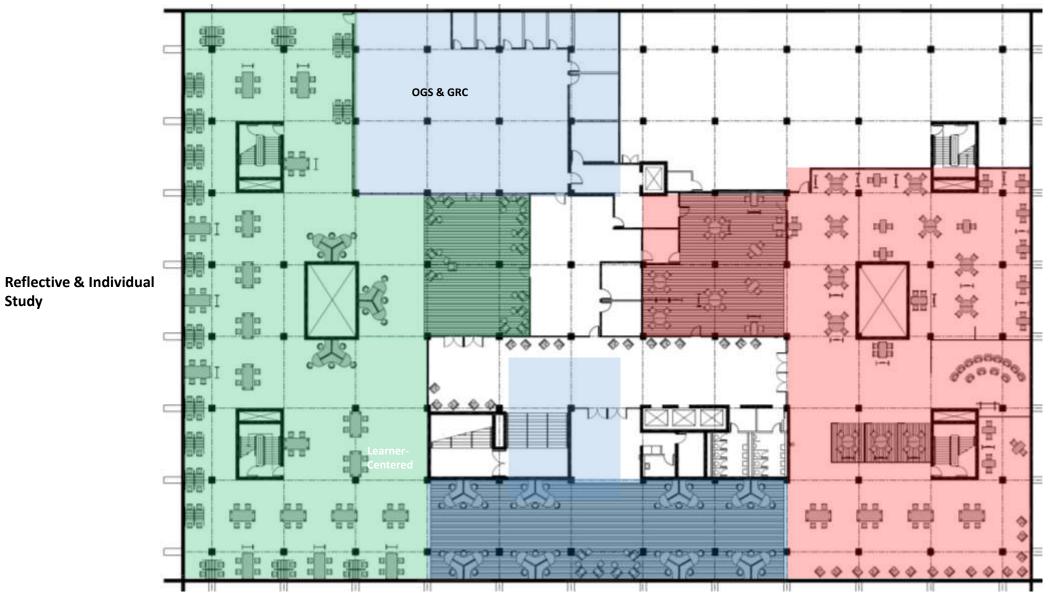




College of Engineering, Computer Science, and Technology California State University, Los Angeles

2015-2020 STRATEGIC PLAN





Mac & Windows Workstations

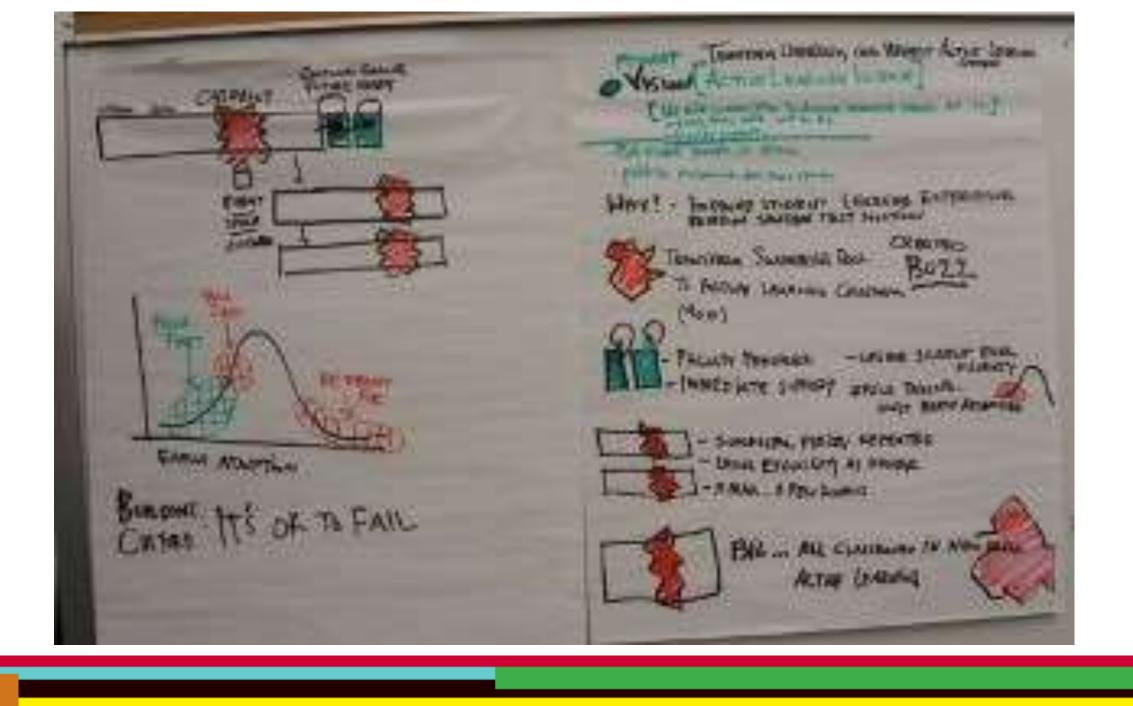
Study

Active & Collaborative Learning

Outline an agenda for implementing those strategies.



(Rebecca Sharkey, ehdd)















University Strategic Directions 2017 – 2020

- Culture...innovation, risk-taking collaboration
- Environment...physical...making learning visible—engage and inspire - phygital
- Services...visible, integrated, convenient
- Scholarship...academic heart and soul of the University.





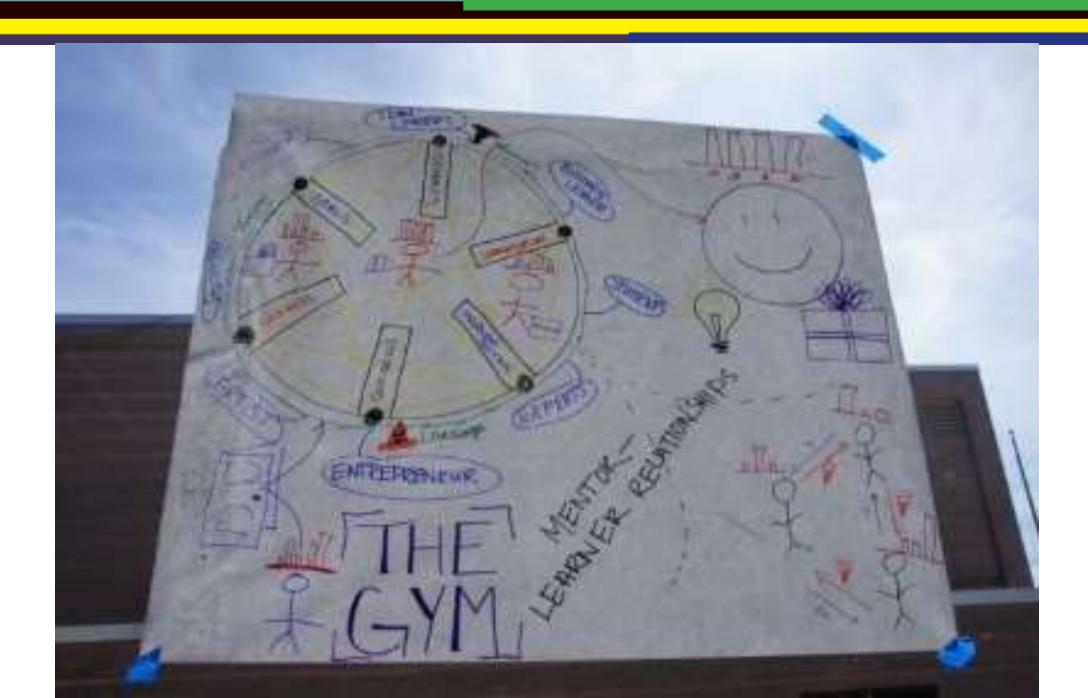




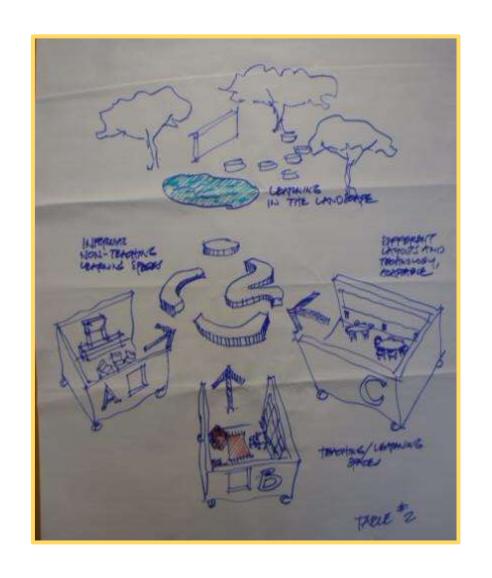








Keep fostering informal and formal conversations about how spaces make a difference to learners & learning.

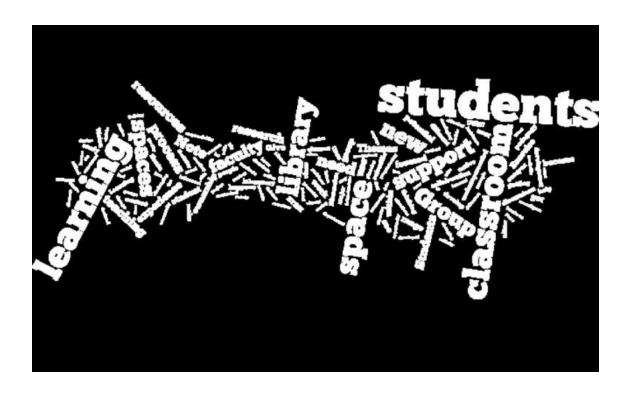




Active Learning Classroom (ALC) University of California, Santa Cruz

Rebecca Sharkey, Senior Associate - EHDD

How would you describe this project to your department? To naysayers? To potential supporters?



Corcoran Hall Renovation The George Washington University

Tom Fortier, Vice President and Director of Science + Technology – HOK

How can an historic academic building be respectfully renovated while being transformed into a contemporary STEM learning and research facility?



Gehl-Mulva Science Center St. Norbert College

Richard M. Heinz, Vice President/Principal - Research Facilities Design

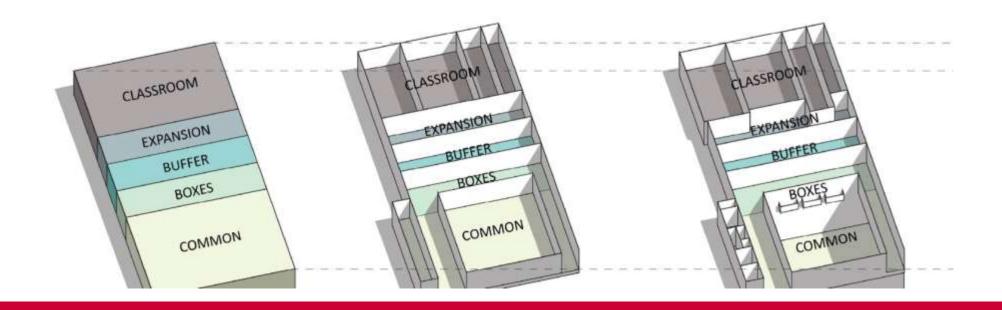
How can the planning process facilitate development of a common vision among all disciplines and stakeholders to demonstrate the interconnectivity of the sciences?



School of Education Winona State University

Stephen C. Wright, Vice President, Education Practice Leader and Design Principal - LEO A DALY (Now at Ayers Saint Gross)

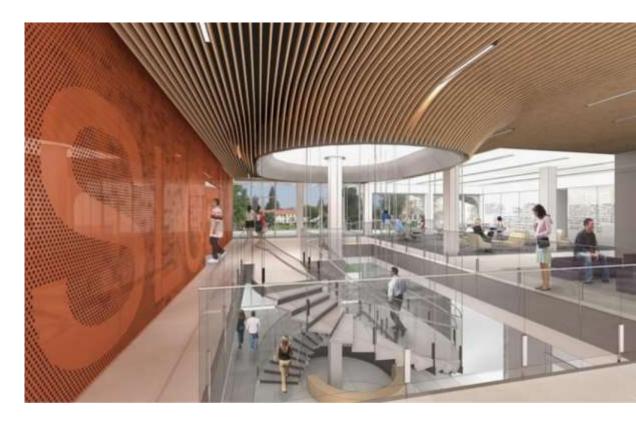
How can the physical environment help open minds? How can it also encourage future teachers to do the same?



Science and Learning Center Whittier College

Michael Dannenberg, Director of New & Emerging Technologies/Associate Principal - Vantage Technology Consulting Group

How can new technology options help overcome infrastructure and space hurdles in the design of a renovated space?



About the 2016 LSC Roundtables Reports, Events, and Portfolios

http://pkallsc.org/basic-page/spring-2016-lsc-roundtables





LSC Resources

- From Audits to Quick Fixes: Critical Questions
 http://www.pkallsc.org/assets/files/From-Audits-to-Quick-Fixes Critical-Questions.pdf
- A Portfolio of Questions from LSC Webinars 2010-2015
 http://pkallsc.org/special-note/portfolio-questions-lsc-webinars-2010-2015
- Driving Questions from Architects: 2016 LSC Roundtables
 <u>http://pkallsc.org/assets/files/Driving-Questions-from-Architects All-LSC-Roundtables.pdf</u>

Learning Spaces Collaboratory

Join the conversation – send us your ideas about questions to ask in shaping learning spaces pkallsc@pkallsc.org



Upcoming Spring 2017 LSC Activities

An LSC Roundtable on Spaces for Making: VentureWell Post-Conference Event

March 26, 2017

LSC Webinar - 21st Century Questions for & from 21st Century Clients

April 20, 2017

Focusing on the Future of Learning Spaces — The LSC Perspective: A Brown Bag Lunch at NSF

May 4, 2017

LSC Spring Conversation 1: Focusing on the User

May 10, 2017

LSC Spring Conversation II: Focusing on the Context

May 17, 2017

LSC Spring Conversation III: Focusing on the Process

June 7, 2017

LSC Webinar - A Virtual Introduction to the LSC Roundtable Experience & Report

June 15, 2017





CAL STATE LA

CALIFORNIA STATE UNIVERSITY, LOS ANGELES