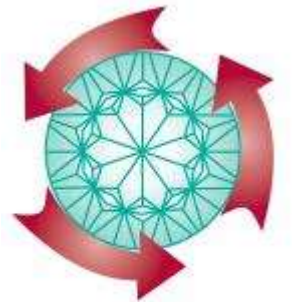


Learning Spaces Collaboratory Webinar

Transformative Renovations and New Connections

December 1, 2016



<http://www.pkallsc.org/>

LSC Roundtables



...we thought of a roundtable as a merry-go-round, a visual concept or construct where people come into the merry-go-round and collaborate and then exit, leaving with other thought paradigms... leading other discussions, continuing to create other merry-go-rounds...

Jump on. Integrate. Collaborate.



Learning Goals

- How to use institutional goals for what students are to become, be able to do upon graduation as drivers for planning.
- How to plan, design and construct spaces that students want to be in, spaces in which students are given and take ownership for their own learning.
- How to enjoy the adventure of exploring the future—as planners and as learners.

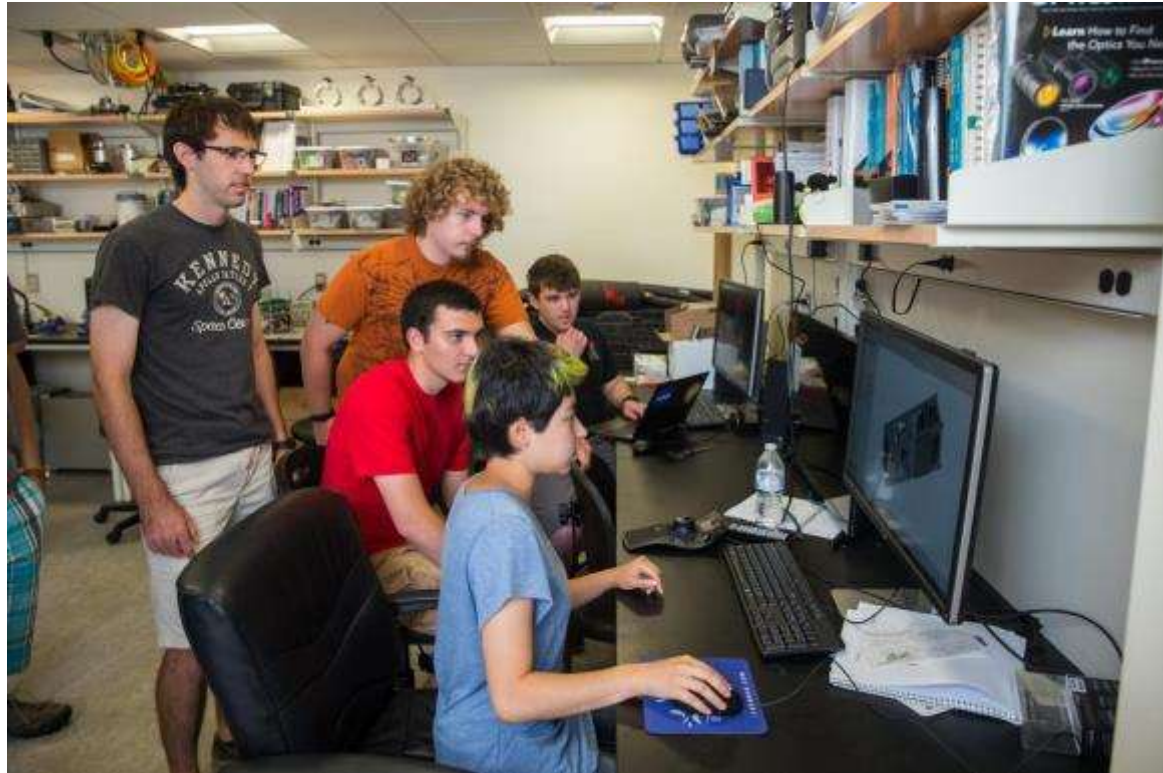




*We could teach
them in rows when
they would be
working in rows.*



How to use institutional goals for what students are to become, be able to do upon graduation as drivers for imagining, designing new and repurposing spaces for 21st century learners.



How to plan, design and construct spaces that students want to be in, spaces in which students feel as though they welcome, part of a community of learner.



How to enjoy the adventure of exploring the future—
as planners and as learners.



Facilitators: Academics and Architects



- Kevin M. Crosby, Dean, Division of Natural and Social Sciences and Director, NASA Wisconsin Space Grant Consortium—Carthage College



- Charles Piper, Principal—BCWH Architects



- Michael Reagan, Vice President, Science+Technology Market Sector Lead—Stantec



- Garret Westlake, Executive Director of the da Vinci Center—Virginia Commonwealth University



- Jeanne L. Narum, Principal—Learning Spaces Collaboratory



Michael Reagan

*Vice President, Science+Technology
Market Sector Lead
Stantec*



Charles Piper

Principal
BCWH Architects



Kevin M. Crosby

*Dean, Division of Natural and Social
Sciences and Director, NASA Wisconsin
Space Grant Consortium
Carthage College*



Garret Westlake

*Executive Director of the da Vinci Center
Virginia Commonwealth University*

da Vinci Center



If you want to be an

ENTREPRENEUR *or*

PRODUCT INNOVATOR

then you belong at the da Vinci Center



Carthage College

Straz Center Modernization & Expansion



CARTHAGE
COLLEGE

Discovery Workshop



Business School

Starbucks

Performing Arts

David A. Straz Jr. Center

Campus Drive

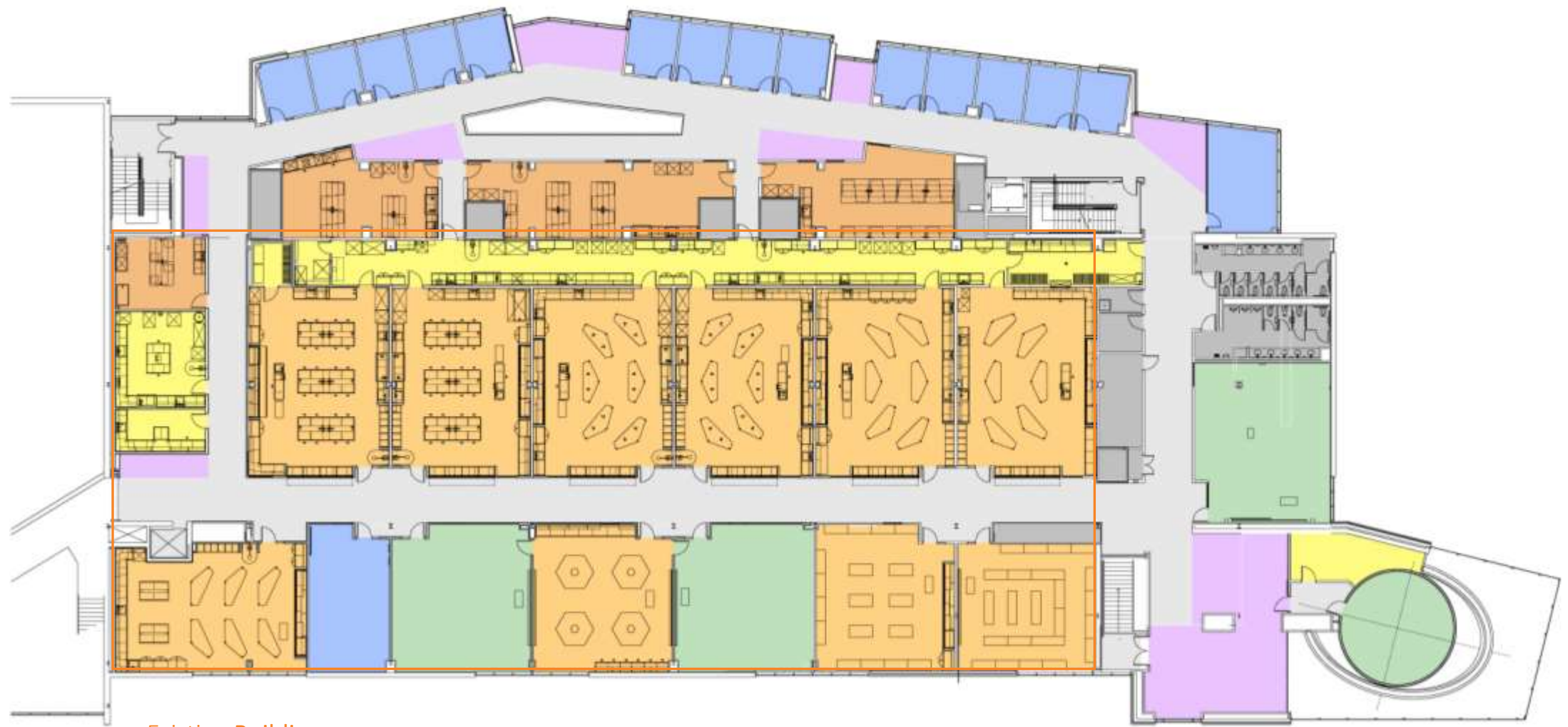
Student Union





Renovated Building

First Floor



Existing Building

Second Floor



Total Electricity Production vs. Consumption

Kilowatt-hours of electricity produced today



Solar Production

1,951
Kilowatt-hours



Total Consumption

1,038
Kilowatt-hours



Select a Timescale

Select a Unit Equivalent



Introduction



Electricity



Water



Solar Electric



Wind Electric



How It Works



Green Features



Weather



Green Tips

lucid



Interaction/Collaboration/Visibility



Interaction/Collaboration/Visibility



Visibility



Collaboration/Visibility



Student Spaces





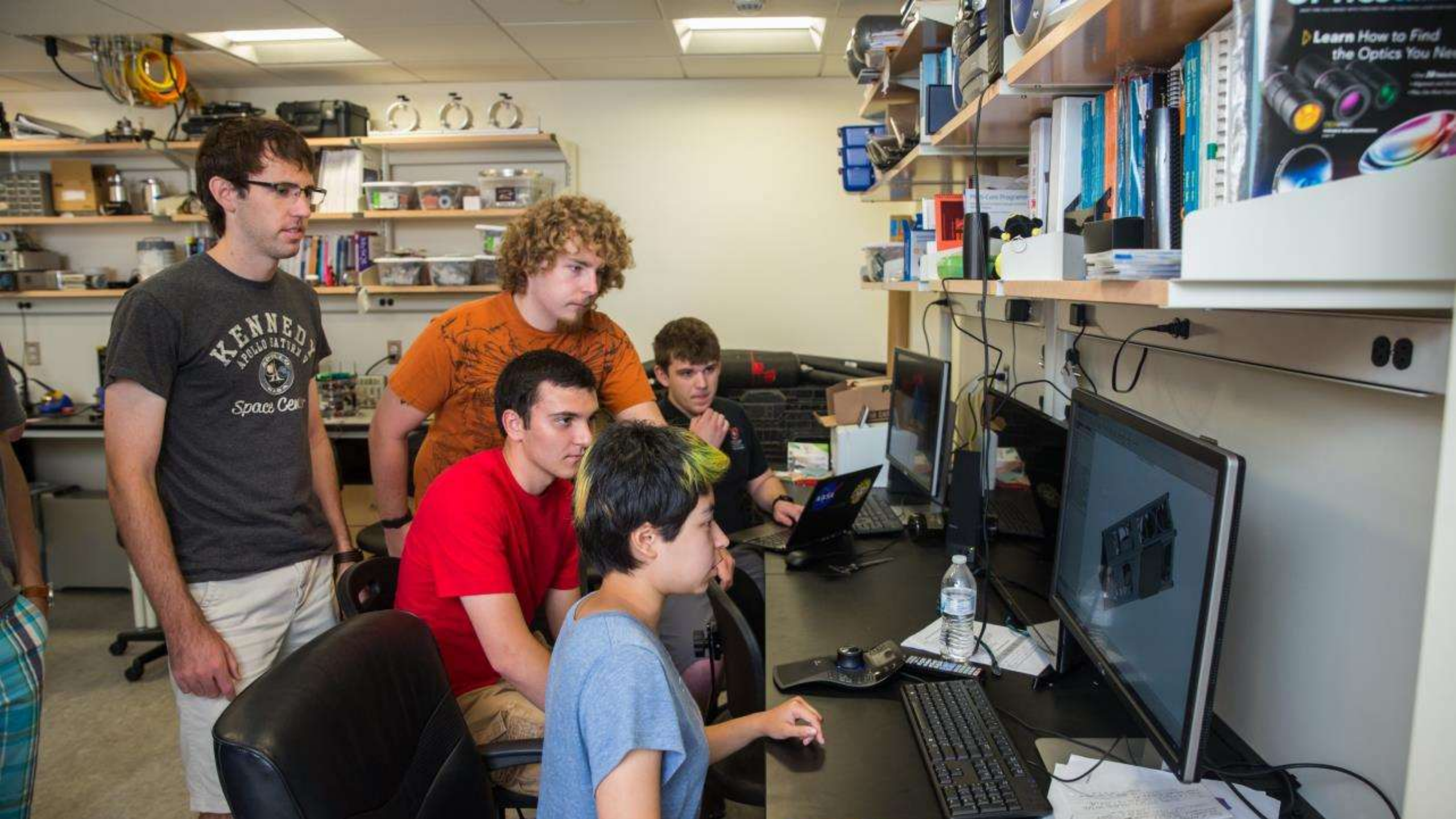
Teaching Lab = Research Lab



Alternative Pedagogies



Collaboration/Technology





Questions & Comments



We look forward to your questions and comments.

Please share them with us via the chat feature.

We will respond at the end of the presentation.

Thanks.

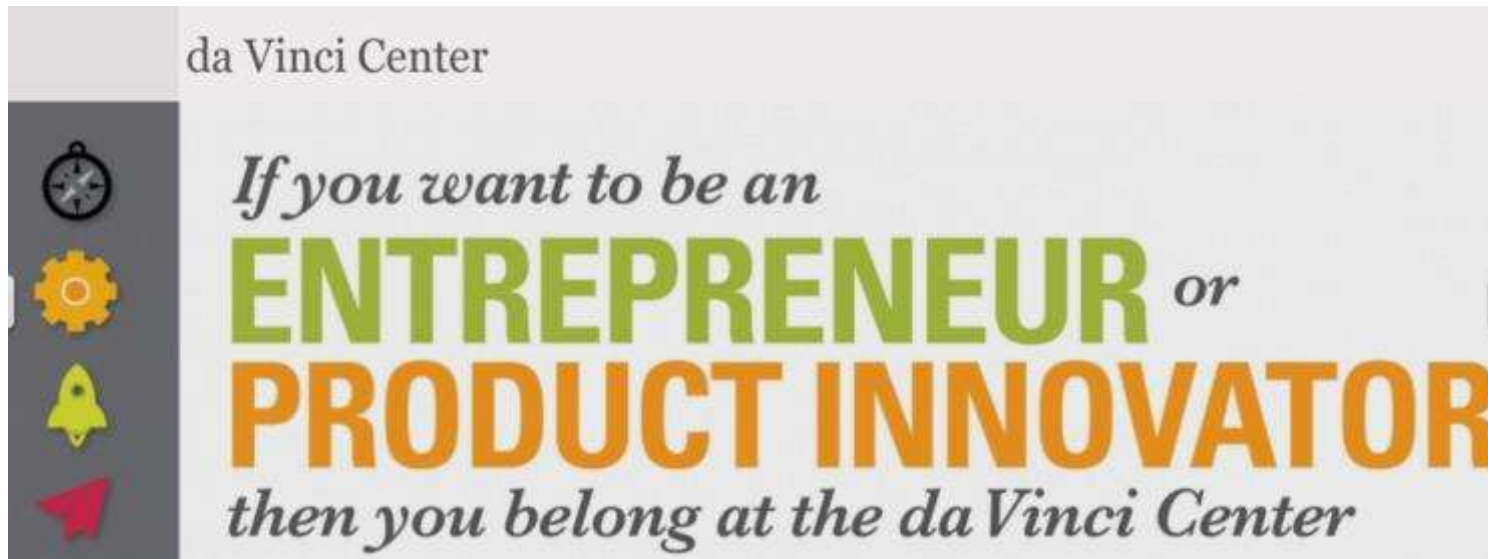
Virginia Commonwealth University

Da Vinci Center for Innovation



Cross-disciplinary Degree Programs in a cooperative including :

- School of the Arts
- School of Business
- School of Engineering
- The College of Humanities and Sciences



Program space for :

- Cross-disciplinary work
- a “neutral” territory
- a “living” space
- Catalytic program development

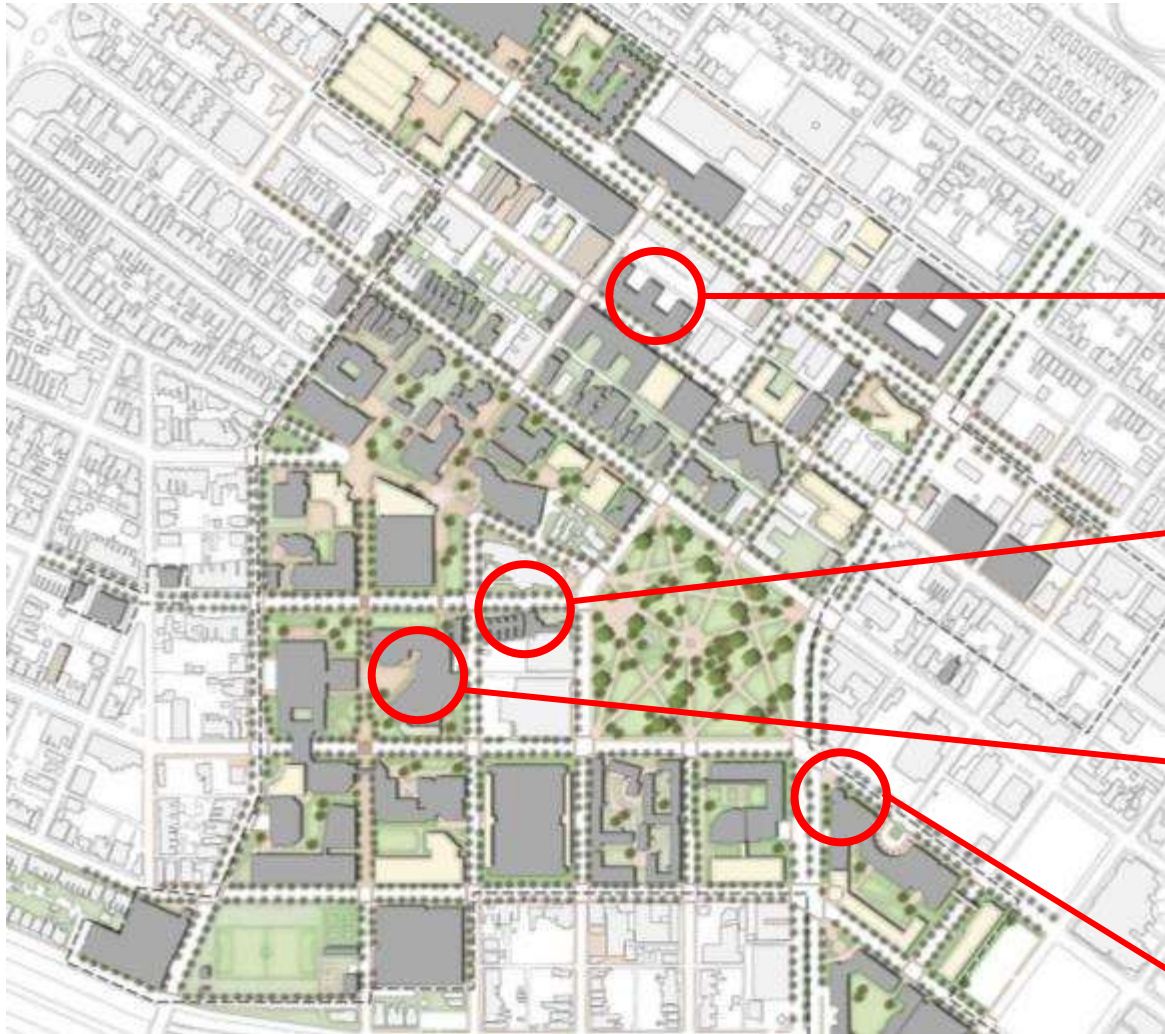


da Vinci
CENTER



Da Vinci Center work space
and classroom in the Pauley
Pavilion at the VCU School of
Engineering

VCU Monroe Park Campus



Innovation Living
/Learning Center

807 Cathedral
Place
da Vinci Center

Student Union

Pauley Pavilion at
the School of
Engineering





807 Cathedral Place prior to DaVinci Center Renovations

Existing conditions at 807 Cathedral Place

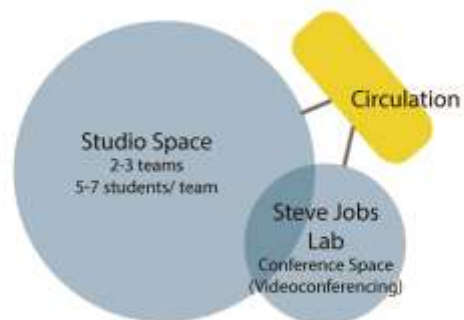


The School of the Arts Administrative Suite- the Pollak Building

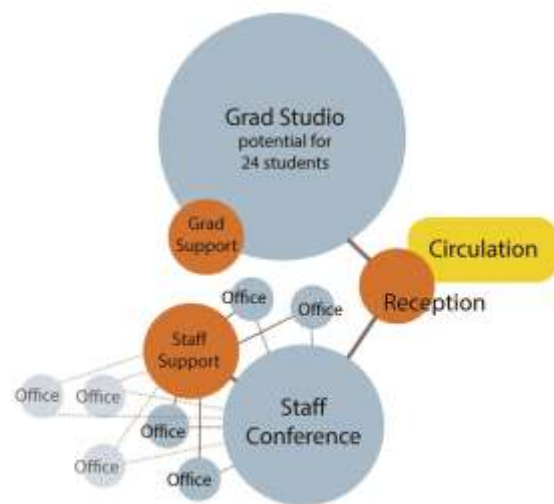
Pre-renovation



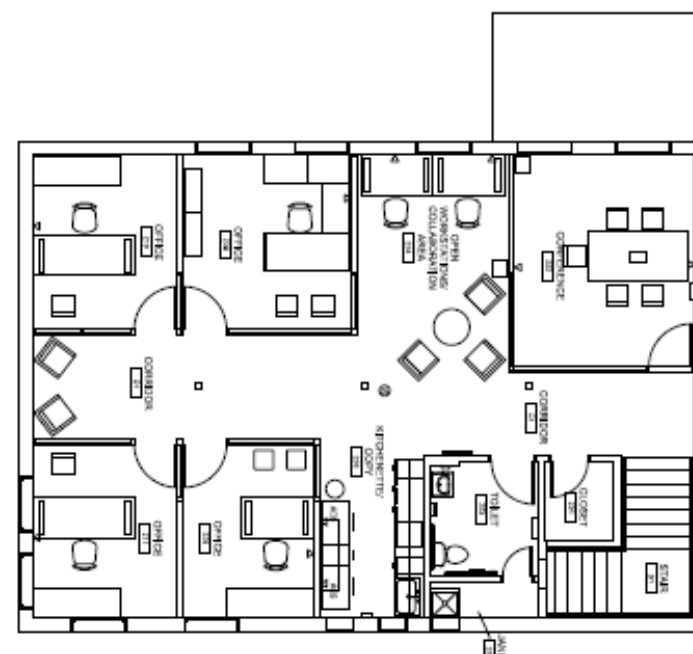
Post-renovation



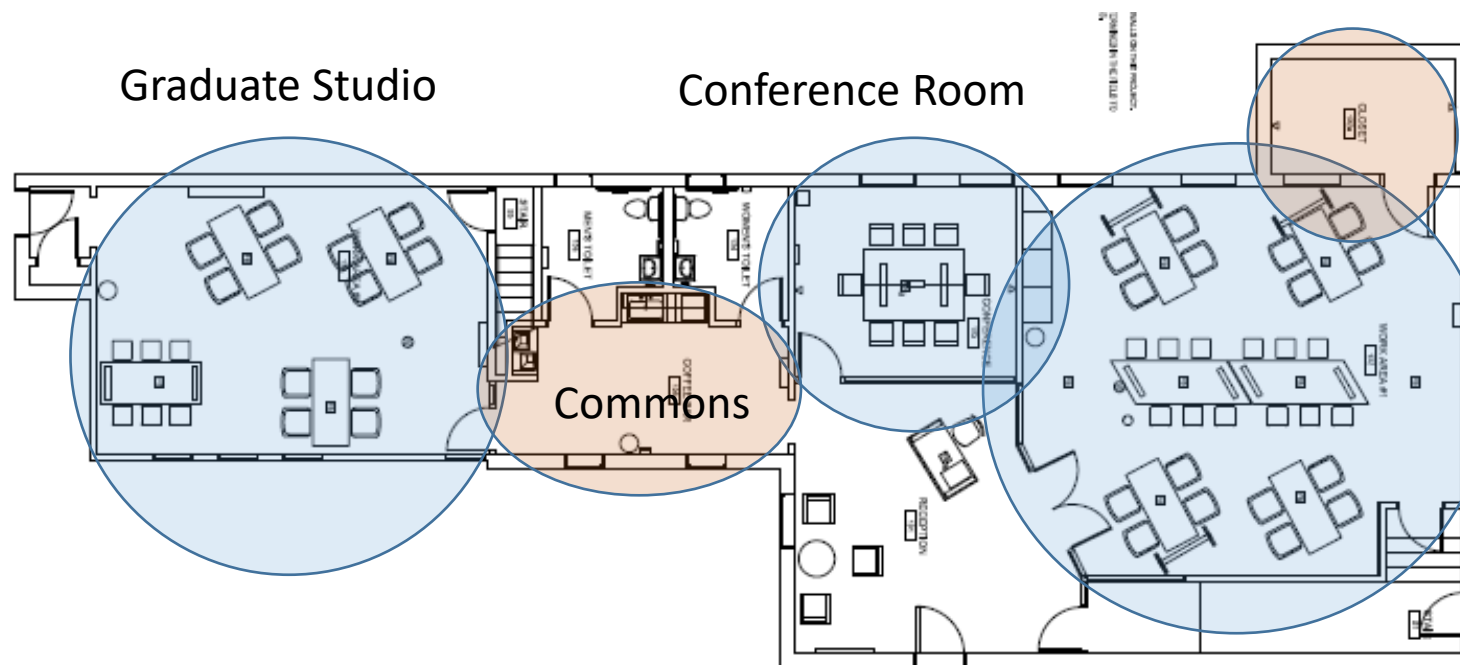
Second Floor



First Floor



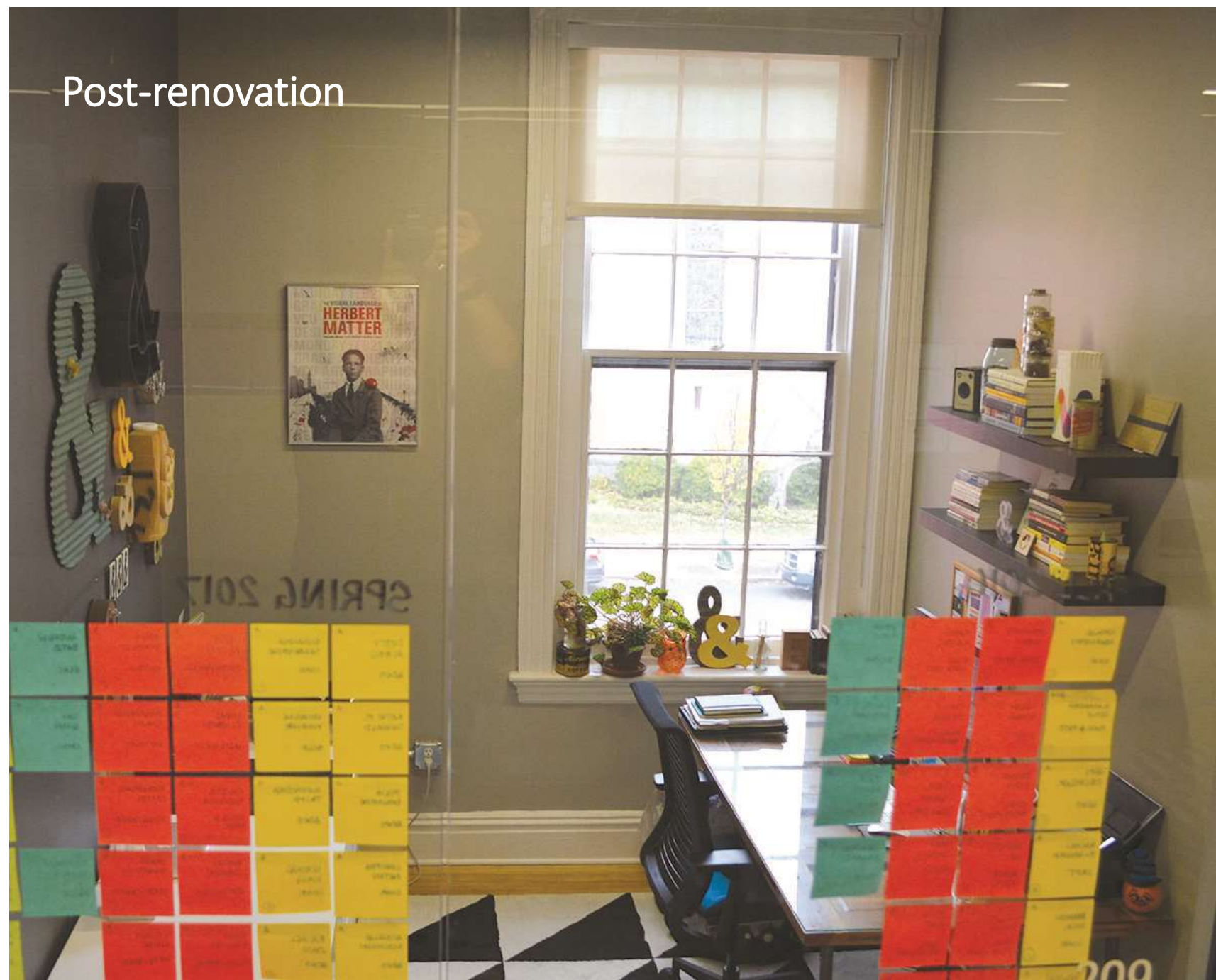
LEVEL TWO



The Vault

LEVEL ONE

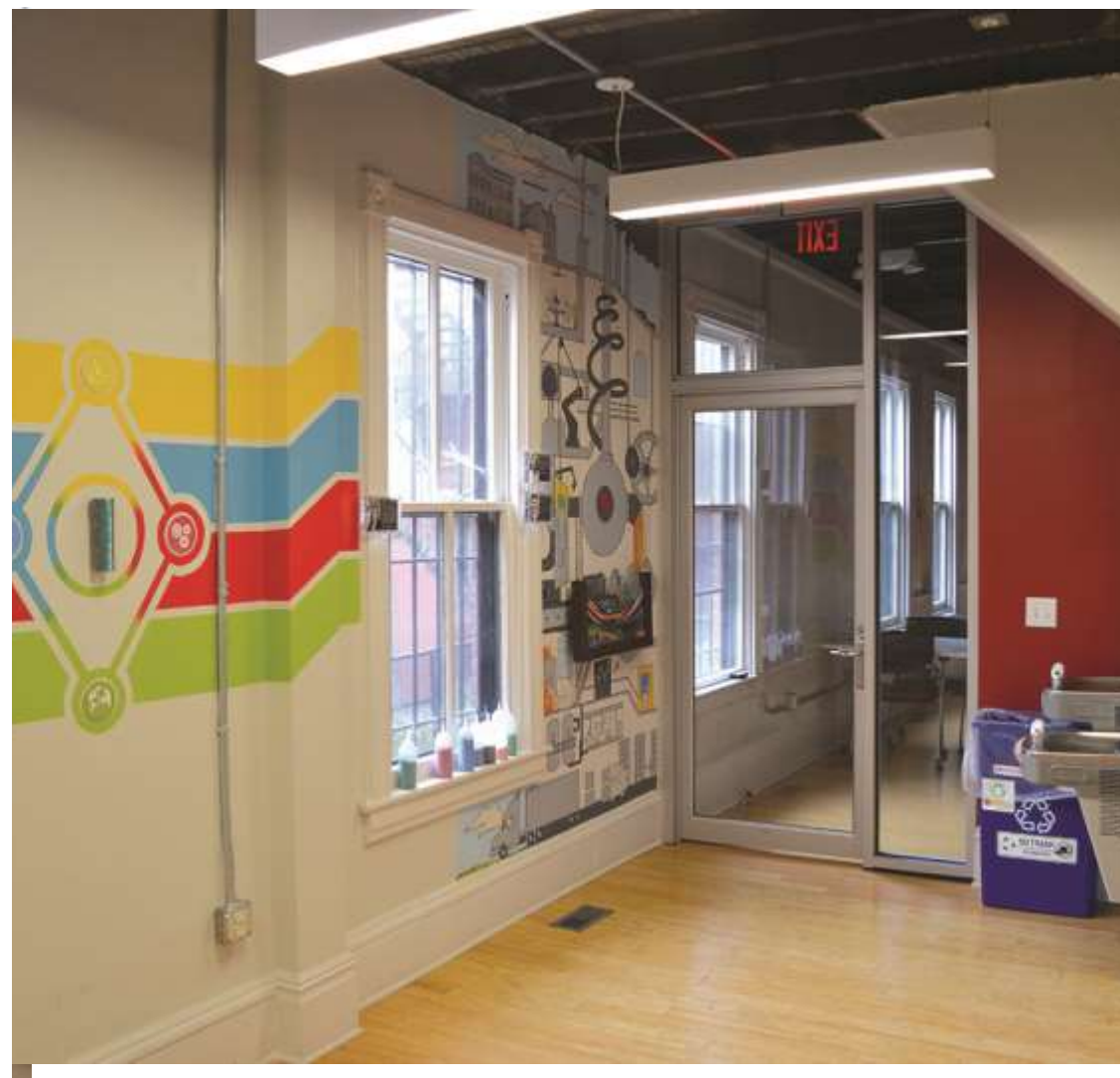
Undergraduate Studio



Pre-renovation



Post-renovation- Gallery space in the Commons Area



Changeover in the Gallery Space



Students at work in the Da Vinci Center

24/7 Workspace

Key-Card Access

3-D Printers in “the Vault”







Da Vinci Center Impact

Expanded influence across campus.

Metrics of success:

of students in the programs

of programs in the Center

Now 3X the number of applicants to the Student Impact Program





Da Vinci Center in use by an international student organization



The da Vinci Center

The cross-pollination of disciplines (and students from across campus) happens in real space, much more than virtual space!

Questions & Comments





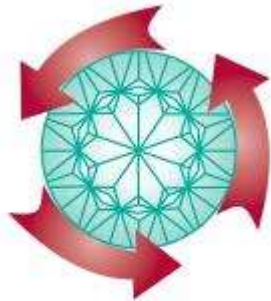
Alma College ♦ Augsburg College ♦ Auraria Library - University of Colorado Denver ♦
Brigham Young University Harold B. Lee Library ♦ California State University - Oviatt
Library ♦ Calvert Wright Architecture PC ♦ Calvin College ♦ Campbell University ♦
Chapman University ♦ Coalition for Networked Information ♦ Connecticut College ♦
Cornell University ♦ Cuyahoga Community College ♦ Dugdale Strategy LLC ♦ Emory
University ♦ Florida State University Libraries ♦ Harvard University ♦ Herman Miller, Inc.
♦ Iowa State University ♦ Johns Hopkins University ♦ Lawrence University ♦ Lord Aeck
Sargent ♦ Loyola University Maryland ♦ MIT Libraries ♦ Northeastern University ♦
Nebraska Wesleyan University ♦ Reed College ♦ Providence College ♦ Purdue University
Libraries ♦ Schwartz Silver ♦ SERA Architects ♦ SRG Partnership ♦ Texas State University ♦
The Galloway School ♦ The Ohio State University ♦ The Pennsylvania State University ♦
The University of Michigan ♦ University at Albany ♦ University of Alabama at Birmingham
Libraries ♦ University of Arizona Libraries ♦ University of California Berkeley - Education
Technology Services ♦ University of California Riverside ♦ University of California,
Merced ♦ University of Minnesota ♦ University of Minnesota ♦ University of North
Carolina at Chapel Hill ♦ University of North Carolina Charlotte ♦ University of Rhode
Island ♦ University of Richmond ♦ University of Texas Libraries ♦ University of
Washington, Seattle ♦ University of Waterloo ♦ Washington and Lee University ♦ Wilson
Architects ♦

Upcoming Spring 2017 LSC Webinars

Learning Spaces Collaboratory

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

pkallsc@pkallsc.org



<http://www.pkallsc.org/>

*Connecting the Dots: Change Initiatives
Focusing on How, What, When & Where
Learning Happens*

February 2017

*Renovations and Repurposing: The
Yardstick of Planning*

April 2017

Report from the Spring LSC Roundtables

June 2017