MAKING THE CASE – 21st Century Learning Spaces for 21st Century Learning Communities

Learning Spaces Collaboratory Webinar

JANUARY 22, 2018

Facilitators

Melissa Burns
Academic Planning and Design, Principal – EYP Architecture & Engineering

Joan Lippincott
Associate Executive Director – Coalition for Networked Information (CNI)

Laura Malinin
Director, Richardson Design Center and Assistant Professor, Design + Merchandising Dept.— Colorado State University

Jay Verspyck
Associate – Shepley Bulfinch

Moderator
Jeanne L. Narum – LSC
Facilitators

Melissa Burns
Academic Planning and Design, Principal – EYP Architecture & Engineering

Joan Lippincott
Associate Executive Director – Coalition for Networked Information (CNI)

Laura Malinin
Director, Richardson Design Center and Assistant Professor, Design + Merchandising Dept.—Colorado State University

Jay Verspyck
Associate – Shepley Bulfinch
Learning Goals: Planning

How to make the case for a planning process that:

• pushes the envelope
• understands the campus as an ecosystem for learning
• reflects an awareness of the changing context beyond the campus
• is transparent to all stakeholders—embracing the community.
Learning Goals: Spaces

How to make the case for learning spaces that:

• push the envelope
• celebrate the campus as an ecosystem for learning
• connect to the world beyond the campus
• enhance institutional distinction into the future, embracing the community.
Prompting Question

... from the Roundtables

How does institutional context and culture (perhaps culture of planning) influence “making the case?”
Melissa Burns

EYP Architecture & Engineering
Change agents have a talent for speaking differently rather than for arguing well. ...to produce second-order change... requires a strong alternative schema, presented clearly and persistently.

Karl E. Weick and Robert E. Quinn, Organizational Change and Development. Annu. Rev. Psychol. 1999.
Melissa Burns

MILLS
MISSION CENTER

GLOBAL CITIZENSHIP
RESPONSIBLE LEADERSHIP
MEANINGFUL LIVES
PRODUCTIVE CAREERS

- International Programs
- International Scholars
- Leadership & Community Engagement
- Social Innovation & Entrepreneurship
- Student Media
- Advising
- Fellowships
- Career & Life Planning
- Mission Support (Transaction)
How did we begin?
DAY OF DESIGN THINKING @ BARKER HOUSE
DAY OF DESIGN THINKING @ BARKER HOUSE
Moving from Olin Library to MILLS
Mills – Existing
Mills – Existing

Rita’s Fountain  South Wing  North Wing  Mills Lawn
Mills - Proposed

- Attic / Mechanical
- Renovation
- New Construction

Rita's Fountain  South Addition  North Wing  Mills Lawn
Where are we now?
"Stop by Mills and savor the buzz of activity as we develop responsible leaders and global citizens, prepared to lead meaningful lives,"

- Provost Susan Singer
Conversation with Colleagues
Joan Lippincott

Associate Executive Director – CNI
Making the Case for Inviting Spaces

- Collaborative spaces for informal learning
- Spaces with high-end technologies
- Spaces for innovation and for making things
- Spaces that allow and invite displays of cultural heritage and institutional context
- Spaces that are welcoming, designed as “community-building” spaces.
“Is this a library?”

Learning Commons

Brigham Young University

Northeastern University Library

Makerspace
Making the Case: Core Mission and Values

• Supporting the institutional mission
  o research
  o teaching & learning
  o community service

• Supporting societal values
  o access to information
  o stewardship of and celebration of cultural heritage
  o fostering community
Making the Case: Changes

- Supporting research
  - digital scholarship centers
  - data centers
  - visualization, AI, and virtual reality facilities

- Supporting learning and teaching
  - active, social learning
  - service learning
  - undergraduate research
Making the Case: Rationale

• Bring together expensive technologies for use by all campus departments or sectors of the public
• Bring together expertise to serve all campus departments or all sectors of the public
• Support graduate and undergraduate students and the public independently or through courses and workshops
Reconfigured library spaces create new synergies

Joan K. Lippincott
… highlighting links of spaces to content
Reconfigured library spaces allow...
Reconfigured library spaces allow…

from what is considered "normal", which made
me as we understood that we could see.
and see the dream will be. to often new
result, we have met each other.
and asked

search of that self, that other. Ask me where, it exists.

meals and never to the same childhood year in which I spend,
our families, with our mothers, in an absolute,
not for sharing the mystery but (a mystery) of me.
and survive. And those that are not our own,
the feet of ourselves or fate or the state.

Why don’t I write it down? Because it

writing. Some are from this countryman, they thought

who can’t. Because I can’t play the game.

my treasure this particular.

throughout this world, we are doing the thing
we are our own life to ourselves.

my treasure this particular.

throughout this world, we are doing the thing
we are our own life to ourselves.
...the display of products of GIS and other specialized software
...the display of work in media
...the display of the research process
... the visual representation of data
... for large displays for analysis and interaction

Georgia State U. The CURVE
... to represent information through art
... for celebrating readers and reading
...for making as learning
...for making connections, creating community
...for celebrating heritage, connecting to archives
Making Changes While Retaining Core Mission and Values

• Supporting the institutional mission
  o research
  o teaching & learning
  o community service.

• Supporting societal values
  o access to information
  o stewardship of and celebration of cultural heritage
  o fostering community.
Conversation with Colleagues
Guiding Principle

- Represent Ignatian roots & the Jesuit mission
- Make academic learning visible on Loyola’s Evergreen Campus
- Promote interdisciplinary connections, increased student engagement, and active learning.
- Represent Loyola’s dedication to sustainability
- Be welcoming and representing of different cultures
- Provide a home for interdisciplinary majors and minors
The Ignatian Citizenship Commons

“... the Commons will build community, foster deeper engagement, and collaboratively welcome partners in promoting Ignatian citizenship.”

Evolution of the Commons

Experience  Reflection  Action
What we Heard…

- Demystifying Classrooms
- Coffee!!!
- Variety of spaces and flexible furniture
- Maintain connections within departments
- Outdoor seating
- More focused work areas
- Power everywhere
- Create a Buzz
- Inclusive Branding

Shepley Bulfinch
From Integrated Behavioral Science Center to...

- Psychology
- Education
- Speech Language Hearing
- Sociology
- Global Studies

Future Growth

Shared Spaces
- Ignatian Citizenship Commons
- 9 Classrooms
- Open Meeting
- Coffee
- Meeting Rooms
- Support

Career Counseling
- FAC Development
Center for Innovation and Collaborative Learning

The Academic Community

Shepley Bulfinch
The Academic Neighborhood

Shepley Bulfinch
The Academic Loft

Shepley Bulfinch
Ideation as the catalyst

Shepley Bulfinch
Porch and Gateway
Shepley Bulfinch
Conversation with Colleagues
Laura Malinin

Nancy – ‘What is your dream for interior design at CSU’
July 2013

Initial conversation about design with leadership
Jan 2014

Strat-Op
Oct 2014

Design Center Visioning
May 2015

First of several Design Center meetings
April 2015

Program Plan Workshops begun. (1 of 4)
June 2015

Review with Tony Frank
Nov 2015

Tour of Tinkermill + CINC
Sept 2015

Donor Strategy
May 2016

Student Forum
Aug 2016

Curriculum Symposium
Aug 2016

Board of Governors Approval
Oct 2016

62 meetings from July 2013 to November 2016
Strat-Op

The Richardson Design Center: an iconic destination that inspires creative influential discovery. Through powerful ideation and inspired synergy, students explore complex problems using cutting-edge resources to create a meaningful impact on the quality of life.

The Primary Customer

The Primary Customer of the Building is THE STUDENT.
The Supporting Customers are CSU, Community, Industry, and Faculty.

- A **design district**
- A **gallery** of students’ **innovations**
- A **modeling of the creative process** from ideation to prototype to fabrication
- A visibly **compelling culture**
- A **leader** in developing **new technology** and **processes**
- A campus wide **transformation**
BEHAVIORS

COLLABORATION
CURIOUS
SELF-DISCOVERY

PROBLEM SOLVING
RESILIENT
SELF DIRECTION

LEARN BY DOING
STUDENT AS TEACHER & LEARNER
SELF EVALUATION

SYNTHESIS

Studio
Seminar
Research Lab
D-Lab

IDEATION

ID Gallery
Classroom
Coffee Shop
Exhibition
Fac. Offices

INSPRIRATION

4 Stages of the Creative Process

IMPLEMENTATION

Maker's Lab
Community
Engagement
Exhibition

Prototyping
Material / Supplies
Break-out
Collaboration
Building + Site

- Gallery
- Presentation
- Exhibit
- Collaboration Corridors
- Networking/Social Space
- Ideation, Fabrication, Makers
WHERE OUR PATHS INTERSECT LIES AN OPPORTUNITY TO LEARN FROM EACH OTHER.
IDEATION LAB
DESIGNING FOR BEHAVIORS

ANALOG & DIGITAL

COLLABORATION. PROBLEM SOLVING.
LEARN BY BEING CURIOUS. RESIDENT,
STUDENT AS TEACHER AND LEARNER.
SELF-DISCOVERY. SELF-DIRECTION. SELF-EVALUATION.
DESIGN | HEARTH
DESIGNING FOR BEHAVIORS

CANVAS - CURATED BY STUDENTS OVER TIME

COLLABORATION | PROBLEM SOLVING
SEAKR BY BEING CURIOUS | REFL氲E STUDENT AS TEACHER AND LEARNER
SELF-EXPLORATION | SELF-DEFINITION | SELF-EVALUATION

ROTHKUS DESIGN CENTER
TEACHING ELEMENTS
DESIGNING FOR BEHAVIORS

COLLABORATION
PROBLEM SOLVING
LEARN BY DOING
CURIOUS INQUIRER
STUDENT AS TEACHER AND LEARNER
SELF-FEEDBACK SELF-DISCOVERY SELF-EVALUATION
D-LAB
DESIGNING FOR BEHAVIORS

CREATIVE BRAIN MODES
ABSORB - OPEN ATTENTION
ENVISION - VISUALIZE & IMAGINE
CONNECT - IDEA GENERATION
STREAM - IMPROVISE & FLOW
REASON - RATIONAL PROBLEM SOLVER
EVALUATE - JUDGING & CATEGORIZING

COLLABORATION, PROBLEM SOLVING
LEARN BY DOING, CURIOUS, RESILIENT
STUDENT AS TEACHER AND LEARNER
SELF-DISCOVERY, SELF-DIRECTION, SELF-EVALUATION
Collaboration

Focus/Iteration

Presentation

Inspiration

Ideation

Prototyping/Evaluation
DESIGN CENTER HALL
DESIGNING FOR BEHAVIORS

MATURE CREATIVE CONFIDENCE
-TOOLS FOR CO-CREATION & VISUALIZATION

CURATION BY STUDENTS

COLLABORATION PROBLEM SOLVING
-ENGAGE CURIOUS RESIDENTS
STUDENT AS TEACHER AND LEARNER
SELF-RESEARCH, SELF-GROWTH, SELF-EVALUATION

ROCKWOOD DESIGN CENTER
Conversation with Colleagues
Melissa Burns
Academic Planning and Design, Principal – EYP Architecture & Engineering

Joan Lippincott
Associate Executive Director – Coalition for Networked Information (CNI)

Laura Malinin
Director, Richardson Design Center and Assistant Professor, Design + Merchandising Dept.—Colorado State University

Jay Verspyck
Associate – Shepley Bulfinch
PARTICIPANTS

Alexandria University - Egypt ■ Bentz/Thompson/Rietow, Inc ■ Binghamton University ■ Brigham Young University ■ Cal Poly SLO, Robert E. Kennedy Library ■ California State University East Bay ■ Calvert Wright Architecture PC ■ Carolina Day School ■ Catawba College ■ Central College ■ Cornell University ■ Cuyahoga Community College ■ Dartmouth College ■ Dugdale Strategy LLC ■ Emma Willard School ■ Georgetown University ■ Harvard University ■ Herman Miller Inc. ■ HGA Architects and Engineers ■ Hiram College ■ Lethbridge College ■ Loyola University-Monroe Library ■ Northern Arizona University ■ OZ Architecture ■ Perkins+Will ■ Reed College ■ Research Facilities Design ■ Syracuse University ■ The Beck Group ■ The Ohio State University, University Libraries ■ The Sextant Group ■ The University of Alabama, University Libraries ■ Toronto Public Library ■ UCLA Library ■ University of Alberta Libraries ■ University of British Columbia Library ■ University of California, Merced ■ University of Nevada Las Vegas, University Libraries ■ University of California, Merced ■ University of North Carolina Chapel Hill ■ University of Richmond ■ University of Rochester River Campus Libraries ■ University of Ontario Institute of Technology Library ■ University of Windsor ■ University of Wyoming
UPCOMING LSC ACTIVITIES

• SPRING 2018: NEW LSC WEBSITE

LSC ROUNDTABLES

• March 25, Austin, TX in collaboration with VentureWell: Spaces for Making
• May 18: Philadelphia, PA (Jefferson University).
• May/June (TBD): Cambridge, MA (Harvard University)
• June (TBD): Charlotte, NC
• June 19: Stanford, CA (Stanford University)
• Fall 2018 (TBD): San Antonio, TX (Trinity University)
• Fall 2018 (TBD): Harrisonburg, VA (James Madison University)
• December 12: Washington, DC in collaboration with CNI