FLEXspace 2.0: An International Community to Elevate Learning Spaces

Rebecca V. Frazee, SDSU Faculty, FLEXspace Manager
Dana C. Gierdowski, Researcher, EDUCAUSE
John Augeri, Deputy Director, Paris Île-de-France Digital University | Kyoto University | Invited Researcher

You can login before we get started!
• Use your existing account, or
• Create new account, or
• Use the temp credentials

Go to members.flexspace.org

Temp User: 1explore
Temp PW: flextour19f
What We’ll Cover

FLEXspace Tour
• How can FLEXspace help you, your team, your campus?
• Hands-on with new FLEXspace features!

International Community & Context
• How does FLEXspace add value in a global context?

Research Focus
• How can FLEXspace be used for research purposes?

Discussion
Hello, Neighbor!

Two Minutes to Introduce Yourselves:
- Where you’re from
- Your interest/role in learning spaces
- Last place you went on holiday or vacation

THIS is Your FLEXspace Community!

Built BY educators FOR educators
The Flexible Learning Environments eXchange

• Helps you plan, design, implement, support, evaluate, and improve learning spaces.
• Improves the process and outcomes.

FLEXspace Contains:
• Learning space designs and examples
• Research, tools, and guidance
• Community network

How Can You Use FLEXspace?
Take a Virtual Fieldtrip Around the World!

- **Seek inspiration** and proof of concept
- **Benchmark** with peer institutions
- **Connect** with others

Browse Curated Galleries
Add Your Spaces & Collaborate

- Case study layout
- Captioned photos
- Details and descriptions
- Design rationale and post-occupancy usage

Tags to detail Facilities, AV, EdTech, Pedagogy, and Brands Plus LSRS scores

Add resources such as:
- Faculty training & support
- Planning and design docs
- Research findings, protocols
- Presentations, videos

RESOURCES
- My-presentation-deck.pdf
- My-document-deck.doc
- My-spreadsheet-deck.xlsx
- My-slide-deck.ppt
- My-Video-deck.mov

What Space Might YOU Add?
Align Key Stakeholders Using Robust Taxonomies

Learning & Assessment
- Pedagogies and learning activities enabled

Facilities
- Wall, ceiling, floor finishes
- Electrical, lighting, acoustics
- Square footage, dimensions, accessibility
- Furnishings
- Cost for renovation, furnishings, technology

Technology Integration
- AV/IT Academic Tech & Equipment
Leverage resources from the Toolkit

The Toolkit will house articles, research, tools, and guides for inspiration, planning, and assessment contributed by the FLEXspace community.

What Resources Might YOU Add?
Tell Your Story

Use FLEXspace to create:

- **Showcase** of innovative spaces
- **Classroom inventory**

Share with:

- Administration
- Faculty teaching in these spaces
- Donors
- Staff
- Potential Students/Families
- The world!

Coming Soon
**Use Idea Boards for Stakeholder Input**

Create a shared 'pin board':
- Facilities
- AV/EdTech
- Faculty
- Students
- Alumni

**Gather input** about potential designs and favorites

**Share prototypes**, scoresheets, and planning docs

**Use Idea Boards as a Collaboration Tool**

Keep PRIVATE or SHARE your team
3600 Members
1200 Institutions
57 Countries

Institutions
K12 9%
Community College 12%
Private Higher Ed 29%
Public Higher Ed 50%

Role
- Director (40%)
- Manager (14%)
- Faculty (11%)
- Instructional Designer and Technology Specialists (25%)

Department
- Information Technology (27%)
- Academic Departments (24%)
- Library/Library Services (12%)
- Instructional Technology (12%)
- University Ops & Admin (10%)
Growing Collaboration AND Enthusiasm
Hands On with FLEXspace

• Explore the collection
• Try adding your own spaces!
• Tell us what you’d like to see:
  • Spaces
  • Toolkit resources
  • Galleries
  • *(Post in the Community Forum)*

*About 15 min*
ACTIVITY:
Explore Spaces and Add Your Own!

Log in at: members.flexspace.org

1. Search, Browse, Filter, Sort

- Click image to see Space Details
- Click to “Like” a space
- See your “Liked Spaces” tab

2. Try out “Create A Space”

- See “My Spaces” you’ve added

Try searching:
- Active Learning
- Maker
- BYOD
- Tiered
- Learning Glass
- VR
- LED
- Rolling chairs
- TEAL
- SCALE-up
- Herman Miller
- Computer Comforts

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International Activities

Welcome, John!

Around 1am in Paris.....

John Augeri,
Deputy Director,
Paris Île-de-France Digital University
Invited Researcher,
Kyoto University

https://www.icloud.com/keynote-live/sc:0Zcaao0_e7Fby2Y5oILbsgXlOI-eM5BhvkbspDs3_1eYba4Jqe0-0IeWF_5wnGracS6
FLEXspace & Research

Dana C. Gierdowski, PhD
Researcher, EDUCAUSE
What the data tell us...

EDUCAUSE’s *Top 10 Strategic Technologies*

<table>
<thead>
<tr>
<th>Active Learning Classrooms</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>#1</td>
<td>#2</td>
<td>#2</td>
</tr>
</tbody>
</table>


What the data tell us...

2018 Horizon Report

Key Trends Accelerating Technology Adoption in Higher Education

Long-Term Trends: Driving Ed Tech adoption in higher education for five or more years
  > Advancing Cultures of Innovation
  > Cross-Institution & Cross-Sector Collaboration

Mid-Term Trends: Driving Ed Tech adoption in higher education for the next three to five years
  > Proliferation of Open Educational Resources
  > The Rise of New Forms of Interdisciplinary Studies

Short-Term Trends: Driving Ed Tech adoption in higher education for the next one to two years
  > Growing Focus on Measuring Learning
  > Redesigning Learning Spaces
Which of the following technology-enhanced spaces were provided by your institution during the prior fiscal year?

EDUCAUSE’s Core Data Services Survey, 2018
Part A (Organizational Context) and Part B (Space Attributes) scoresheet integration
Tags and details align with Part B
Fields for adding sub-scores
Search for examples, descriptions, tags with LSRS scoresheets as a guide

Attach the completed LSRS spreadsheet to a space
Find LSRS resources in the FLEXspace toolkit
Gallery of LSRS rated spaces coming soon!

LSRSv2 SCORING

Enter values from your LSRSv2 scoresheet for Part A, Part B, and Total. You may upload the scoresheet to the Resources section below.

<table>
<thead>
<tr>
<th>PART A</th>
<th>PART B</th>
<th>LSRS TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>45</td>
<td>54</td>
<td>99</td>
</tr>
</tbody>
</table>
Aims to support research & evaluation efforts

- **Current research focus areas:**
  - Stakeholder criteria for evaluating learning spaces
  - Usage/applications of FLEXspace and the LSRS
  - Learning space design patterns and analytics
  - Virtual and hybrid-flexible (HyFlex) learning spaces

- **Assists the FLEXspace community:**
  - Add research findings and tools to the Toolkit
  - Help curate Galleries and contribute to Forum
  - Help guide FLEXspace user research
  - Provide input on UX and taxonomies
One Example

The Active Learning Hall at University of North Carolina – Chapel Hill
FLEXspace for Research

What Research Resources Might YOU Add?

Resources such as:
- Post-occupancy surveys
- Focus group protocols
- Research papers

<table>
<thead>
<tr>
<th>Still thinking about this classroom, how frequently do you do the following?</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A for this course</td>
</tr>
<tr>
<td>Lecture to the class</td>
</tr>
<tr>
<td>Whole class discussion</td>
</tr>
<tr>
<td>Interact with my students individually during class time</td>
</tr>
<tr>
<td>Assign individual work activities during class</td>
</tr>
<tr>
<td>Assign small group activities during class time</td>
</tr>
<tr>
<td>Interact with small groups during class time</td>
</tr>
<tr>
<td>Show videos</td>
</tr>
<tr>
<td>Ask students to verbally report out to the entire class</td>
</tr>
<tr>
<td>Ask students to share work with the entire class</td>
</tr>
<tr>
<td>Use technology to facilitate an activity (e.g., class polls, document camera)</td>
</tr>
<tr>
<td>Ask students to move around the classroom for different course-related tasks/activities</td>
</tr>
</tbody>
</table>

<table>
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<th>Still thinking about where you sit in a classroom, how important or unimportant are the following statements? I like to sit where...</th>
</tr>
</thead>
<tbody>
<tr>
<td>Very Unimportant</td>
</tr>
<tr>
<td>Near an electrical outlet</td>
</tr>
<tr>
<td>Near a window</td>
</tr>
<tr>
<td>Near the exit</td>
</tr>
<tr>
<td>Near someone I know</td>
</tr>
<tr>
<td>Other (please specify)</td>
</tr>
</tbody>
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<tr>
<td>Very Unimportant</td>
</tr>
<tr>
<td>...I can best see the instructor</td>
</tr>
<tr>
<td>...I can best see others in the class</td>
</tr>
<tr>
<td>...I think others can’t see me</td>
</tr>
<tr>
<td>...I have space for all my stuff</td>
</tr>
<tr>
<td>Other (please specify)</td>
</tr>
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How can FLEXspace help YOU?

How can YOU help FLEXspace thrive?

• What do YOU want to see in FLEXspace?
  • What kinds of spaces?
  • Research?
  • Planning guides and tools?
  • Design support?
  • Resources to help faculty using these spaces?

• What could YOU share with the community?
How can YOU help FLEXspace thrive?

• **Upload Spaces and Toolkit resources**
  - Add exemplars and ‘directory’ type spaces
  - Document before, during and after photos
  - Add collaborators to get their input about how the spaces are being used today, and plans for refresh

• **Spread the word** on campus
  - Facilities, Faculty, Libraries, others....

• **Nudge** vendors, consultants, campuses, and organizations to support the cause!

• **Participate** in the Community Forum
  - Suggest campuses, buildings, galleries
  - Tell us how we can best meet your needs!

• Follow our Blog and @FLEXspaceorg
How can FLEXspace help YOU?

How can YOU help FLEXspace thrive?

• What do YOU want to see in FLEXspace?
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• What could YOU contribute to the community?

• Who else should we enlist as FLEXspace partners?
  • Influencers and Thought Leaders?
  • Organizations?
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Please complete ELI Session Evaluation Form!