Driving the Development of Library Spaces by Supporting and Sharing the Scholarship of Learning Spaces

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UNC Greensboro

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UNC Greensboro

LAUNC-CH conference. Chapel Hill, NC. March 11, 2019
Why are we here?

• Connect with and learn from others involved in library space research, design, and assessment

• Raise awareness of the *Journal of Learning Spaces* and current learning spaces scholarship

[http://libjournal.uncg.edu/jls/index](http://libjournal.uncg.edu/jls/index)
What are we talking about?

- The *Journal of Learning Spaces*
- *JLS* as an open access journal
- *JLS* impact at UNCG
- *JLS* assessment

[http://libjournal.uncg.edu/jls/index](http://libjournal.uncg.edu/jls/index)
Why are you here?

What learning space topics are you interested in?

What information needs do you have in relation to learning spaces?
What topics do you think learning space scholars are writing and publishing on?
Journal of Learning Spaces: Recent article topics

Research-informed  Active learning
Active pedagogy  Transformative design
Learning spaces  Technology-enhanced
Evaluation    Classroom design   Impact
Academic interior architecture
Collaboration  Student engagement
Journal of Learning Spaces

• First issue published in 2011; thirteen issues published to date
• Peer-reviewed
• Articles published as open access PDFs; content freely available to anyone with an internet connection
• Created to fill a gap in the professional literature, and to help direct campus involvement in space design

http://libjournal.uncg.edu/jls/index
What is the *Journal of Learning Spaces*?

“A scholarly, multidisciplinary forum for research articles, case studies, book reviews, and position pieces related to all aspects of learning space design, operation, pedagogy, and assessment in higher education.”

[http://libjournal.uncg.edu/jls/index](http://libjournal.uncg.edu/jls/index)
What are “learning spaces”?

*Learning* is the process of acquiring knowledge, skill, or understanding as a result of study, experience, or teaching.

*Learning spaces* are designed to support, facilitate, stimulate, or enhance learning and teaching.

*Learning spaces* encompass formal, informal, physical, and virtual environments.

http://libjournal.uncg.edu/jls/index
Learning spaces: Not just libraries

- Academic libraries
- Academic residential spaces
- Campus landscapes
- Computer labs, makerspaces, and other technology-rich spaces
- Higher education classrooms
- K-12 classrooms
What can we learn from spaces outside the library?

How can external spaces influence space decisions in the library?
JLS and libraries

Learning space attributes: reflections on academic library design and its use
Heather V. Cunningham
University of Toronto
Susanne Tabur
University of Toronto

Communicating the Library as a Learning Environment
Danuta A. Nitecki
Drexel University
Katherine Simpson
American University

From Commons to Classroom: The Evolution of Learning Spaces in Academic Libraries
Victoria Karasic
University of Pennsylvania

Designing Mobile Technology to Enhance Library Space Use: Findings from an Undergraduate Student Competition
David Ward
University of Illinois
Jim Hahn
University of Illinois
Lori S. Mestre
University of Illinois

Makerspaces in the Library: Science in a Student’s Hands
Kristi D. Julian
East Tennessee State University
Deborah J. Parrott
East Tennessee State University
JLS: Who makes this happen?

- [http://libjournal.uncg.edu/jls/about/editorialTeam](http://libjournal.uncg.edu/jls/about/editorialTeam)
- Production team: editor-in-chief, managing editor, copy editors, layout editors – some at UNCG, some at other universities
- Editorial and advisory board members from universities and research institutions across the country
- Peer reviewers – experts in the field
- OJS system hosting, training, and support by UNCG University Libraries

- [http://libjournal.uncg.edu/jls/index](http://libjournal.uncg.edu/jls/index)
JLS: Multidisciplinary authors

- Academic Associate, Teaching and Learning Services
- Adjunct Professor
- Assessment & Reference Librarian
- Assistant Director of the Center for Women in Technology
- Assistant Professor, Curriculum and Instruction
- Associate Professor of Leisure, Youth and Human Services
- Center for Regional Studies Graduate Fellow
- Coordinator of Library Services for Distance & Online Learning
- Dean of Libraries
- Design Lecturer, Department of Interior Architecture
- Director of Teaching and Learning Services
- Orientation Services and Environment Librarian
- Research and Policy Analyst
- Television Production Manager, Information Technology Services
JLS: National scholarship

- Auburn University
- Ball State University
- Buffalo State, State University of New York
- Dartmouth College
- Eastern Kentucky University
- Lorain County Community College
- Michigan State University
- Oregon State University
- Purdue University
- Queens University of Charlotte
- University of Alabama
- University of Florida
- University of Iowa
- University of Kentucky
- University of Maryland, Baltimore County
- University of Minnesota
- University of New Mexico
- University of North Carolina Chapel Hill
- University of Northern Iowa
- University of Pennsylvania
- University of Tennessee Chattanooga
- University of Wisconsin-Madison
- Virginia Commonwealth University
- William & Mary
JLS: International scholarship

- Australia
  - James Cook University
  - LaTrobe University
  - Royal Melbourne Institute of Technology

- Canada
  - Lethbridge College
  - McGill University
  - University of Toronto

- China
  - Beijing Normal University
  - Shanghai Normal University

- England
  - Kingston University London
  - Liverpool John Moores University
  - University College London

- Hong Kong
  - City University of Hong Kong

- Israel
  - Technion - Israel Institute of Technology
  - Tel Aviv University
Content expertise: not just for authors
Peer Review Criteria Guide

01 Match to Online Journal Topics and Adequate Formatting
02 Originality, Innovation and Importance of the Study
03 Organization, Readability and English Language
04 Literature Review Consistency and Relevancy
05 Study Conclusions, Limitations and Future Directions of Research
06 Study Design, Methods, Analysis and Findings
Open Access?

+ ? <---> !?

Learning Spaces?
Open Access (OA)

“Research outputs which are distributed online and free of cost or other barriers.”

- Wikipedia
Why is Open Access important?

1. Accelerated discovery
2. Public enrichment
3. Improved education

- Public Library of Science (PLOS)
Open Access publication models

1. Traditional OA*
   a. Fully OA journal. Journal production costs may be funded by subsidies, article processing charges (APCs), advertising, membership fees

2. Hybrid OA
   a. Journal with only some OA content (likely funded via APCs)

3. Delayed OA
   a. Content is OA after an initial embargo period

4. Self-archiving
   a. Author posts copies of his/her own work (published elsewhere) in an institutional, subject-specific, or other online repository
Predatory / exploitative journals (not limited to OA) charge publication fees to authors without providing peer review, editing, and other publishing services. Such journals sometimes contact potential authors directly, trying to solicit submissions. Is it a legitimate journal / publication? Librarians can help answer that question.
Is it legitimate?

- Peer review process / criteria?
- Copyright policies?
- Journal aims and scope?
- Publication fees – stated and explained?
- ISSN (International Standard Serial Number)?
- Indexing, ranking, metrics?
- Listed in DOAJ?
- Publisher registered with OASPA?
Non-OA journals, supported by advertising
How has *JLS* supported our work?

- Furthered OA commitment and opportunities
- Supported development of campus initiatives and partnerships
- Informed implementation of new technologies and practices
Open Access publishing value

• Strengthen campus relationships
• Meet needs of campus faculty
• Provide opportunities for education
• Support new publishing models
• Facilitate content creation
• Demonstrate commitment to open access
Libraries as OA publishers

Many libraries already:

• Support and manage electronic systems and metadata to facilitate resource discovery
• Develop relationships with content experts
• Develop relationships with publishers
• Purchase, manage, and deliver serial content
• Digitize and provide online access to local and unique content
Open Access education opportunities

Supporting Open Access Publishing via Open Journal Systems

Open Journal Systems
- The University Libraries host this open-source software which is designed to assist in the publication of peer-reviewed open access journals.
- We currently host twelve active journals, with topics ranging from archives to mathematics and statistics.
- Learn more: http://libjournal.uncg.edu/

Open Access coalition-building

“Teaching, learning, and research in the publication of intellectual and re-purposed knowledge.

Open Educational Resources

Libraries as Publishers: One Library’s Experience Creating and Supporting Open Access Journal Publication

Open Access coalition-building

DOAJ
DIRECTORY OF OPEN ACCESS JOURNALS

Home Search Browse Subjects

https://doaj.org

Open Textbook Network

WE ARE A COMMUNITY DEDICATED TO RESULTS

600+ Campuses represented
$8.5 Million Student savings by OTN members
Innovative Learning Spaces Council at UNCG

- Facilities
  - Design & Construction
  - Operations
- Information Technology Services (ITS)
- University Libraries
- University Teaching and Learning Commons (UTLC)
Innovative Learning Spaces Council: Mission/Goal

“*Inspiring spaces that enhance learning and foster creation of new knowledge*”
Innovative Learning Spaces Council: Charge

The Innovative Learning Spaces Council (ILSC) will encourage innovation and creativity in the management of campus spaces and represent to the Provost, concerns, needs and recommendations related to learning spaces and related technologies. Learning Spaces, referring to all campus spaces in which learning can occur, should be considered an important tool within the pedagogical environment and this council will consider all aspects of enhancement including appropriate use of technology and ongoing or changing needs. The ILSC, with representation from ITS, UTLC, University Libraries, space management and other parties of interest, will investigate and develop sustainable and systematic models of efficiencies and develop environmental scans for best practices on the establishment of learning spaces that foster innovation and creativity.
Innovative Learning Spaces Council: Impact

- Collaborative grant projects
- Collaborative space design
- Enhancement of technology in campus learning spaces
What have we learned from spaces outside the library?
**JLS: Impact in the UNCG University Libraries**

- Creation of Digital ACT (Action, Consultation, and Training) Studio
- Informed development of new teaching lab
- Informed development of master space plan
- Created connections with scholars, librarians, and organizations involved in learning spaces
- Informed methods of assessment of spaces and their contents
Learning Space Spotlight:
Informal Learning Space: Noel Studio for Academic Creation
Crabbe Library, Eastern Kentucky University

The Digital ACT (Action, Consultation, and Training) Studio is one of the Multiliteracy Centers at UNCG. DACTS supports students, faculty, and staff in their effective creation of digital projects through consultations and workshops.
JLS: Impact in the UNCG University Libraries
### JLS: Assessment
- Usage statistics
- Topic analysis
- Citations and references

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Word usage analysis of article titles revealed that the four most commonly used words are **learn**, **space**, **design**, and **student**. Followed by this are **classroom**, **library**, **university**, **academic**, and **teach**.

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**Visual Representation**

![Word Cloud](image-url)
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<td>Space and consequences: The impact of different formal learning spaces on instructor and student behavior</td>
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<td>Use of swivel desks and aisle space to promote interaction in mid-sized college classrooms</td>
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<td>Collaborative knowledge creation in the higher education academic library</td>
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JLS: Top ten most-viewed articles

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Note: The ranks are approximate and based on the number of views.
JLS: Top ten most-viewed articles

1. Space and consequences: The impact of different formal learning spaces on instructor and student behavior, 2012
2. Indoor Environmental Quality of Classrooms and Student Outcomes: A Path Analysis Approach, 2013
3. Learning space attributes: reflections on academic library design and its use, 2012
4. Promoting Active Learning in Technology-Infused TILE Classrooms at the University of Iowa, 2012
6. Use of swivel desks and aisle space to promote interaction in mid-sized college classrooms, 2011
10. Classroom Seating Considerations for 21st Century Students and Faculty, 2013
1. Learning space attributes: reflections on academic library design and its use, 2012
2. Collaborative knowledge creation in the higher education academic library, 2014
3. Designing mobile technology to enhance library space use: Findings from an undergraduate student competition, 2015
5. Collaborations beyond the cave: A consideration of the sacred in the creation of collaborative library spaces, 2013
6. 2120 Learning Lab, University Library, Indiana University Purdue University Indianapolis, 2013
7. From commons to classroom: The evolution of learning spaces in academic libraries, 2016
8. Makerspaces in the library: Science in a student’s hands, 2017
9. Communicating the library as a learning environment, 2016
10. Creating the high-functioning library space, 2017
**JLS: Get involved**

- **Read**
  - [http://libjournal.uncg.edu/jls/issue/archive](http://libjournal.uncg.edu/jls/issue/archive)

- **Review**
  - Interested in being a peer reviewer? Get in touch!

- **Write**
  - *JLS* publishes **research manuscripts, position pieces, case studies, book reviews, Learning Space Spotlights, and field reports**

[http://libjournal.uncg.edu/jls/index](http://libjournal.uncg.edu/jls/index)
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Journal of Learning Spaces:
http://libjournal.uncg.edu/jls/index
Thank you!

VIEW OF NORTH FACE OF EXISTING TOWER WITH ADDITION