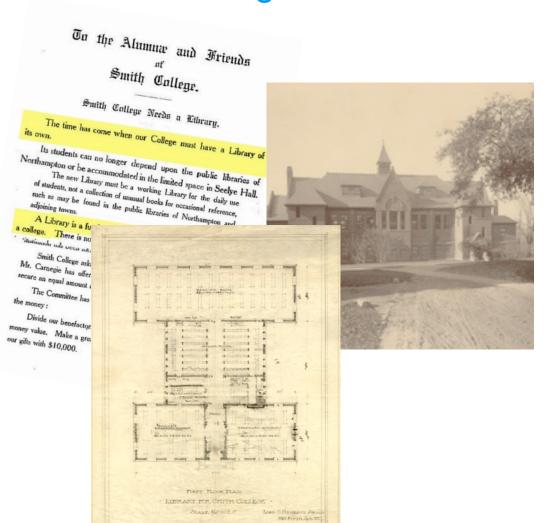


envisioning the new Neilson

I'm extremely in love with the relationship between **old and new** – and with time. The dance between the elements – stone, wood, glass, steel – that will be part of my vocabulary. And maybe we'll make a little art on the way.

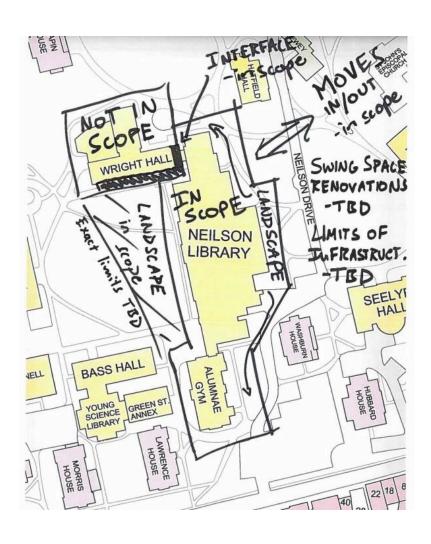
– Maya Lin, September 16, 2015, Sage Hall

We Begin with Cherished Resources



- Alumnae Gym: c. 1891, beloved by generations of Smithies
- The core of Neilson Library, 1909
- A welcoming, pastoral campus originally designed by Olmsted and reshaped over more than a century of stewardship

What is In Scope to Reimagine and Renovate



- Neilson & Alumnae Gym
- Some areas underneath and around Neilson and Alumnae Gym
- Great care taken of trees and other parts of the landscape of our beautiful campus
- Young Science Library and other parts of campus for enabling only

Working Toward Tomorrow's Library





COMMUNAL
(QUIET COMMUNAL TO ACTIVE COMMUNAL)





SMALL GROUP (QUIET SMALL GROUP TO ACTIVE SMALL GROUP)





INDIVIDUAL
(QUIET INDIVIDUAL TO ACTIVE INDIVIDUAL)

"The palette I use is taken from nature; colors are the materials: stone, water, wood, glass."

Program Committee Products and Timeline

Program: A document that summarizes the vision, direction, and spatial requirements for the design team, consistent with the constraints of an approved budget and corresponding spatial target

February 2016: gather feedback on program draft: campus presentations, trustee presentation

March 2016: finalize program, review by the Building Committee

May 2016: Present to board, together with budget plan and conceptual design. On this basis, trustees vote to authorize construction

The Program Solves a Spatial Problem

- Buildings age and require reinvestment (last Neilson renovation in 1982)
- 2. Central campus site is constrained, must balance need for library space with desire for a more open and green landscape
- 3. Cost considerations and Smith's commitment to efficiency and sustainable energy practices point to a smaller building

- 4. High demand for quality working, research, and gathering spaces;
 Special Collections see increasing use
- 5. Transformational changes in libraries (functions, materials, access, staff roles, and space demands) require changes in the use of space
- 6. Library collections continue to grow in both material and digital formats

High Level Takeaways // What's Changing

- The Library complex will be smaller in overall square footage
- The quality and variety of workspaces increases significantly
- Spaces are more efficient and flexible for present and future
- Increase in reservable / sharable
 spaces and decrease in "owned" spaces
- We are not recommending that departments or "owned" faculty offices be in the program

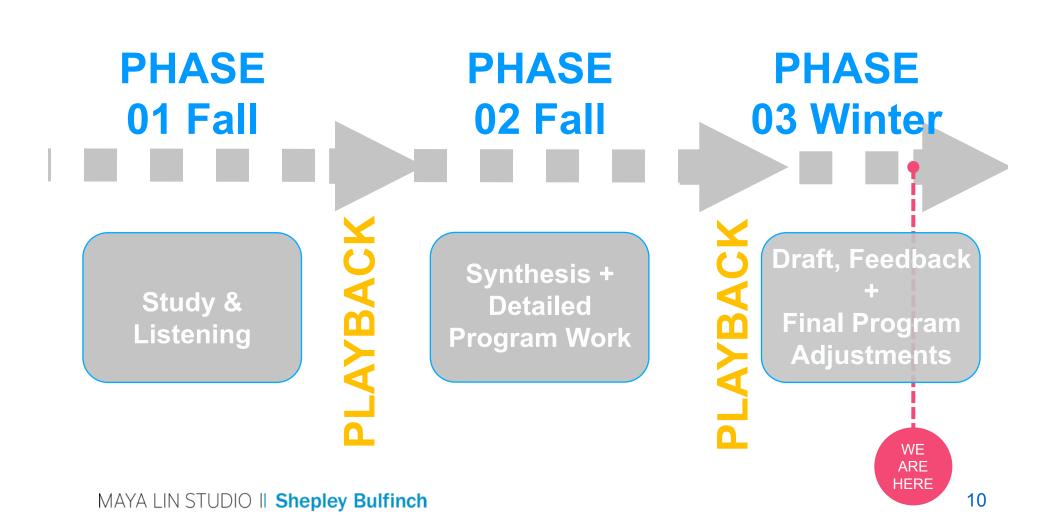
- New collaboration opportunities are created for students, faculty, staff (Digital Hub, Academic Commons)
- Key parts of the program remain open and aspirational, reflecting ongoing transformation and work to come in design
- Collections are allocated on- and offcampus with consideration to intensiveness of use
- Collection estimates represent high/low capacity limits

highlights of fall engagement

My creative process balances analytic study, based very much on research, with, in the end, a purely intuited gesture.

- Maya Lin, Boundaries

AY15-16 Engagement & Programming



Fall Engagement // Approx. 2,000 Participants



943

THROUGH ENGAGEMENT SESSIONS & WORKSHOPS

Over 128 faculty, 505 students, 120 staff and 190 alumnae participated in 34 different engagement sessions and 2 playback days

1,038

THROUGH FOCUSED RESEARCH WITH BRIGHTSPOT

956 Survey Respondents

62 participants in "dScout" app

20 One-on-One interviews (5 Student, 15 Faculty)

Fall Engagement // Working Groups



29

PROGRAM COMMITTEE
MEMBERS



10

WORKING GROUPS

50+ people

65 consultations

- Vision
- User / Study Spaces
- Collections
- Teaching Spaces
- Sustainability

- Co-Occupants
- Student Advisory Committee
- Special Collections
- Staff Spaces
- Service Model

Collections Working Group Process

Share

- Current acquisition practices
- Current collection size and breakdown
- Current use statistics and other data

Listen

- What are the priorities?
- What are the concerns? valued uses. Feedback
- How do faculty and students use the collections now?

Circulate draft scenarios for feedback

at the collection that allowed individual faculty and departments to give feedback on tradeoffs between accessibility, collection size, and most

synthesized to generate the recommended

collections scenario.

Open Collections Curation

We are piloting a tool,

Curate the Collection,

that will allow the Smith
faculty to identify what
books will be where and
to request books be on
campus.

highlights of what we learned

Working materials may be found on the Library Redesign website

Transforming the Library for Users

I pay careful attention to the craftsmanship and detailing of the spaces, to give a warmth and richness to the design.

- Maya Lin, Boundaries

Library users want inclusive, accessible, beautiful spaces

characterized by:

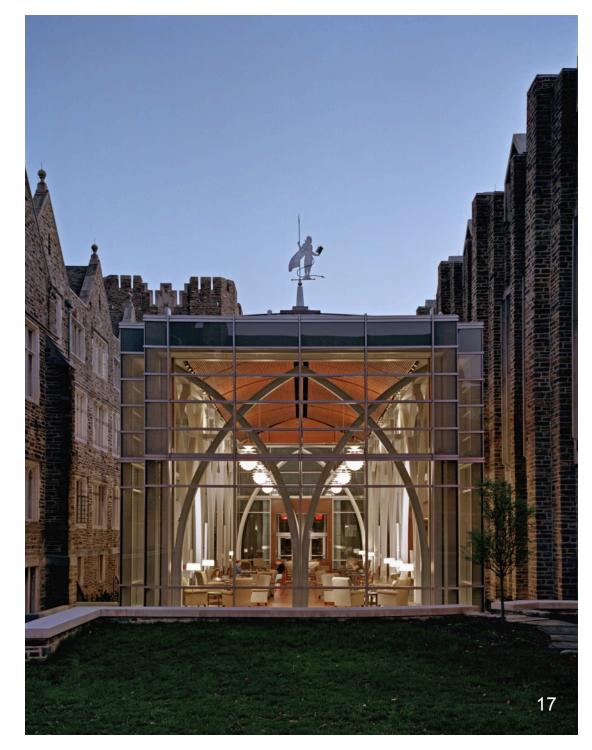
- Natural materials, light, connection to the landscape
- Ease of navigation, access to library staff



The Library is a space for convening and connecting intellectually

characterized by:

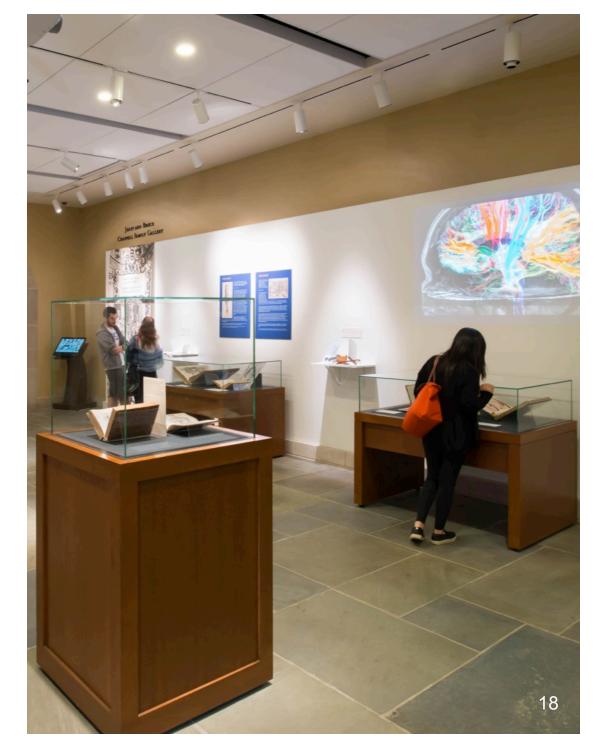
- INVITING, INCLUSIVE
 SPACES to gather
- CHOICE of individual or collaborative work spaces;
 varied, flexible, re-configurable



The Library will showcase Resources, Research, Learning

characterized by:

- Making intellectual activity visible
- Space for experimentation and innovation
- Formal and informal exhibit spaces



Creating a **sustainable** library of the future

I would like to create a fluid transition between a building and its site, so that you always feel connected to the land.

Maya Lin, Boundaries

The Library's program reflects the life of the building over many generations

characterized by:

- Architecture and landscape that respond to local ecology
- Commitment to wellness and equity
- Commitment to measuring results





The Library will house staff experts pioneering new modes of collaboration

Co-locating:

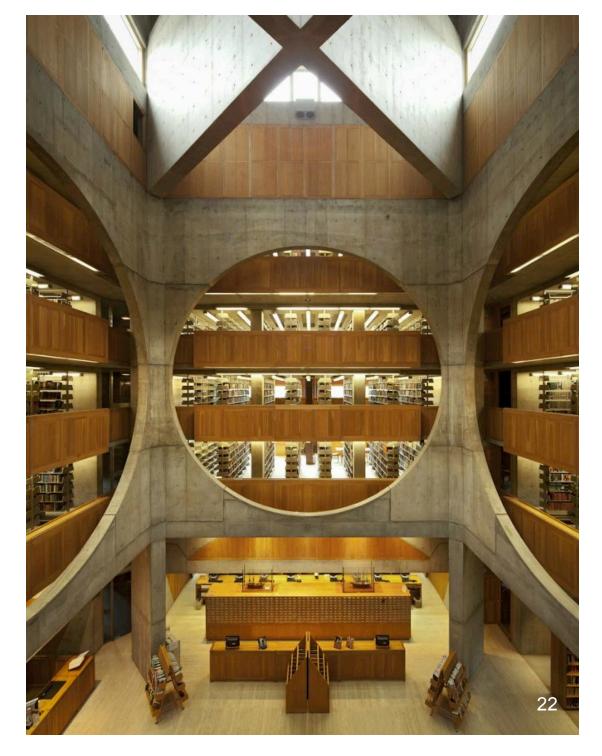
Campus experts who partner with faculty and students to create a user-focused service model within new public, shared, and staff-dedicated spaces



The Library will provide access to highly valued collections & resources

Its quality reflects:

- Well-curated, intensively-used collections, part of a robust digital and print network
- SPECIAL COLLECTIONS that are RARE OR UNIQUE
- A flexible, adaptable infrastructure that serves diverse users
- Visible and interdisciplinary resources



Studying the way forward

Smith retained brightspot, a firm that specializes in analyzing learning processes and learning spaces, to study how students, staff, and faculty work now at Smith.

Smith faculty, staff, and students care deeply about the quality and accessibility of the Library's physical and digital collections.

- brightspot, "Academic Experience Research" 2015

Principles // Collection Quality

THEN:

SIZE was an important indicator of quality.

NOW:

An important criterion is **HOW WELL THE COLLECTION IS USED**

- A high quality collection should be well curated and part of a robust network
- With the much wider availability and use of digital texts, users often come to libraries for their SPECIAL COLLECTIONS—materials that are RARE OR UNIQUE to the library that houses them

Instead of choosing one technology and not the other, we should maximize the benefits of coexistence by using books and digitization together to utilize the strengths and to ensure the survival of both.

- Smith Student '19, Book Studies 140, January 2016

Principles // Technology

- Technology and resources are integral to Library services and instruction
- The Library needs a more flexible,
 adaptable infrastructure so that it can better serve its users and adapt to rapid change
- Library staff are crucial in supporting technologies and their users, teaching research methods, supplying help and referrals to other resources on campus
- Resources should be visible and interdisciplinary

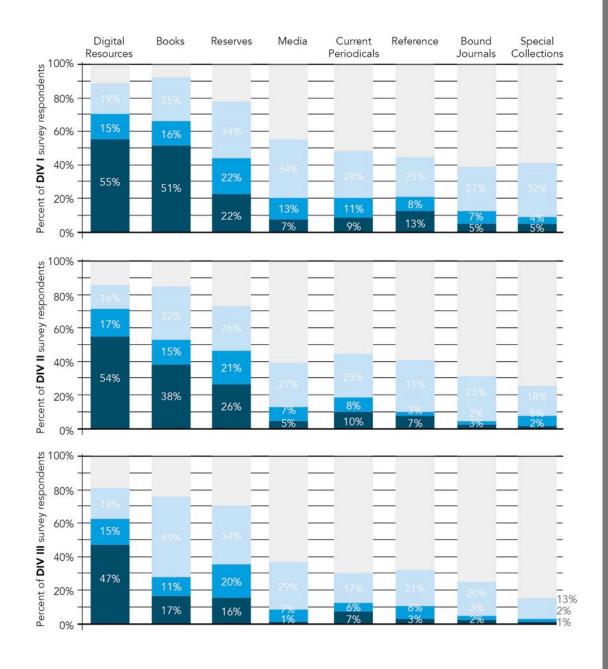
FACULTY Legend rank STUDENTS access print or study / work access print or digital resources individually digital resources resources 2 attend an event to use the printer to use the printer study / work study / work in 3 use technology individually groups consult with an consult with an 4 create something expert expert services access print or 5 create something attend an event digital resources 6 to be inspired use technology attend a class study / work 7 attend a class attend an event individually study / work in activities 8 use technology to be inspired groups to use the printer 9 attend a class create something study / work in consult with an 10 to be inspired groups expert

How we work now

brightspot's findings

FACULTY AND
STUDENTS
SHARE
INTERESTS BUT
PRIORITIZE THEM
DIFFERENTLY

(PER SURVEY RESPONSES)



How we work now

brightspot's findings



RESOURCE USES

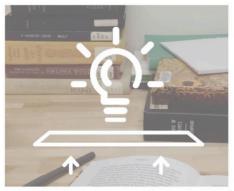
VARY BY DIVISION

(PER SURVEY RESPONSES)



A CORE RESOURCE

The Library as... a central and important source for resources and spaces to work.



PLATFORM FOR NEW RESEARCH

The Library as... a key reference and foundation for creating new research or evaluating primary research studies.



HUB FOR PROBLEM SOLVING

The Library as... a center on campus that provides an environment for group work and problem solving.

How we work now

brightspot's findings

THREE MODES OF USE THAT INFORM THE PROGRAM

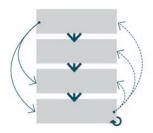
Each role speaks to a different way the library might support the pursuit of new ideas and the resources that requires



1. MATCHING TASK TO ENVIRONMENT

User focus on the task at hand, selecting spaces and resources accordingly.

- · Level of focus required
- · Availability of spaces and quality of atmosphere
- Different space or atmosphere for different task



2. PURSUING A NON-LINEAR RESEARCH PROCESS

Research is a core activity at Smith, connecting learning, teaching, and scholarship.

- Valuing physical resources and spaces in the Library
- Building momentum and integrating digital and print resources
- Learning how to research at four key moments
- Changing research activities and needs throughout the year.





3. MAKING INTELLECTUAL CONNECTIONS

Students and faculty desire a way to connect and discover ideas, resources, and people.

- Making discoveries and connections through informal interactions
- · Pursuing opportunities to share, showcase and inspire

How we work now

brightspot's findings

A DETAILED REPORT
OF RESEARCH
OUTCOMES MAY
BE FOUND AT THE
LIBRARY
REDESIGN
WEBSITE

program vision

Vision: Focus on Knowledge Making

The Library complex (Neilson Library and Alumnae Gymnasium) welcomes diverse modes of knowledge making – from quiet, solitary reading and study to lively brainstorming and collaboration – and houses the collections, services, technology, and workspaces they require. In the complementary spirits of continuity and transformation, we envision a sustainably designed library that supports scholarship and teaching, provides access to knowledge, and inspires and equips future leaders of a networked world.

Activities, services, and resources in the library share an intensive focus on the purposeful exploration, creation, and exchange of knowledge. These are the cognitive and social foundations of learning and scholarship at all levels.

In ways that are appropriate to their diverse functions and that promote intensive uses, library spaces will be flexible, inclusive, accessible, reconfigurable, inviting, responsive and/or technology-rich, consistent with Smith's deep commitment to sustainability in all our human practices.

Program Principles



- Focus on the intellectual needs of diverse users and on accommodating a range of uses
- Commitment to a sustainable future
- Intensiveness of use in all elements of the program, including collections
- Co-location, sharing and collaboration
- Flexibility for changing ways of working: known, emerging, and aspirational
- Key elements remain open for exploration in design

program components

Drivers for Use of Space

- Study, reflection: solo spaces, reading rooms
- Convening: café, shared workspaces
- Innovation, collaboration:
 enclosed and open
- Co-located: reservable vs. owned
- Scalable, aspirational: capacity range, evolving space



Recommended Program Components







Public Space:

Near entries, range of activity through the day

Staff - Public:

Visible and easily accessible from user spaces

Distributed Collections:

Located throughout the building

Unified Special Collections:

Specialized use within secure controlled climate envelope.

Distributed Seating:

Located throughout the building

Unified Academic Commons:

Hub of engaged learning and knowledge creation

Staff - Dedicated:

Specialized spaces dedicated to focused staff work and collaborations

Building Support:

Support spaces specific to building, not code required

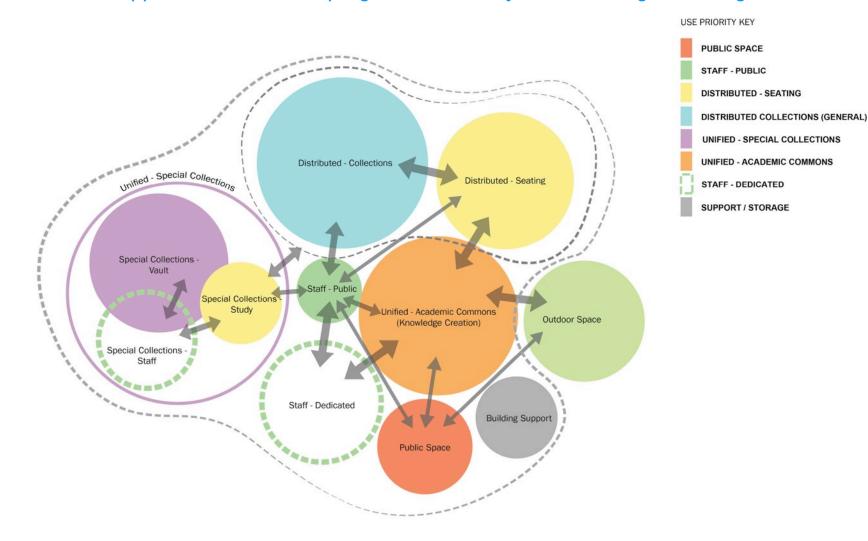






Recommended Program Components

GSF approximations in the program remain adjustable throughout design



Summary of Recommended Program Components

GSF approximations in the program remain adjustable throughout design

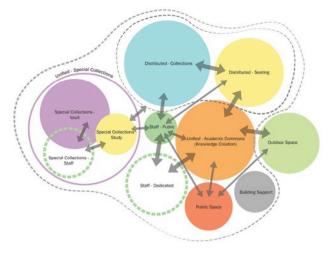
% of

Use Priority	Estimated GSF	% or Total
Outdoor Spaces	N/A	N/A
Public Space	+/- 8,100 gsf	~ 6%
Staff – Public	+/- 3,700 gsf	~2%
Distributed - Collections	+/- 26,900 gsf	~18%
Unified - Special Collections (teaching, research, staff exhibition, stacks)	+/- 39,000 gsf	~27%
Distributed - Seating	+/- 21,200 gsf	~14%
Unified - Academic Commons	+/- 26,000 gsf	~18%
Staff - Dedicated	+/- 15,800 gsf	~11%
Building Support	+/- 5,300 gsf	~4%

TOTAL: +/- 146,000 GSF

	~ Seats
Study, Research, Collaboration Seats	+/- 700+
Instruction Seats	+/- 180
Event Seats	+/- 100
Café Seats	+/- 20





Public Space

Key elements

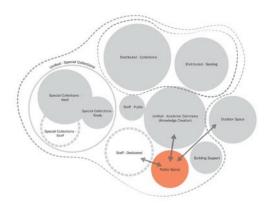
Multiple entries

(20) Café seats

(100) Event seats

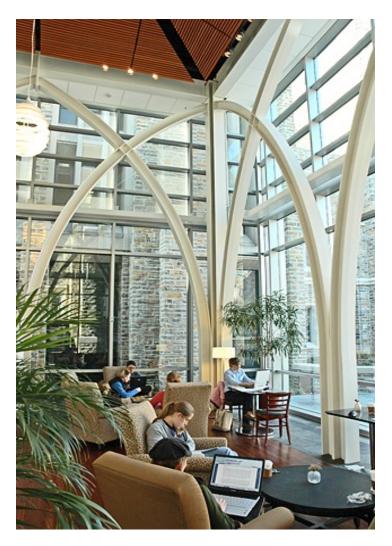
Seats within exhibit areas

+ 150 Personal lockers



+/- 8,100 GSF +/- 136 seats

+/- 6% of draft program



Staff – Public

Key elements

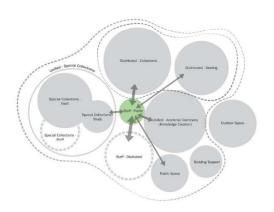
Service points

Small consultation rooms (available for general use in the evening)

Quick print / look up stations

Phone rooms (available for general use in the evening)

Medium meeting room (available for general use in the evening)



+/- 3,700 GSF +/- 37 seats

+/- 2% of draft program



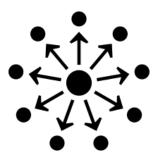
Staff - Public

Access modes:

- Consultation
- Self-Service
- Transactional
- Instruction
- Virtual
- Physical
- Both (physical and virtual)

Service Point Models

Central Service Point



Consulting



Created by Gerald Wildmoser from Noun Project





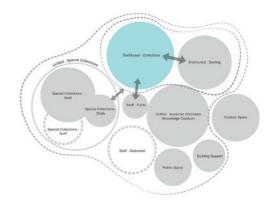
Distributed Collections

Shelving Allocation

~ 22,000 LF Compact

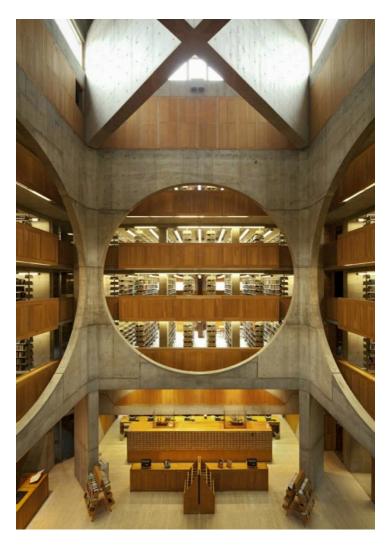
~ 22,000 LF Static (traditional)

Translates to Approx.: 9,900 GSF Compact 17,000 GSF Static



+/- 26,900 GSF

+/- 18% of draft program



Distributed Collections

Supported Tasks:

- Deep research
- Quick reference
- Reading for pleasure
- Inspiration

- ✓ Print / Monograph (Books)
- ✓ Bound Journals
- √ Ready Reference
- ✓ Current Periodicals & Newspapers
- ✓ Other Media (DVD, VHS, etc.)
- ▼ Themed Browsing
 Collections: some fixed, as in the Caverno Room, and some changing



Distributed Collections // Size

High/low volume ranges = recommended capacity limits

Four factors inform the volume range (tbd in design and beyond)

- Balance with the other elements of the program
- Balance of compact and static shelving
- Capacity for growth
- Aligning the collection with teaching, learning and research needs
 now and in the future: what's on the shelves will continue to change to
 reflect faculty, student, and staff needs

Distributed Collections // Recommended Approach

Library of Congress (LC)

- Books published within
 15-20 yrs. stay on site
- LC books published prior stay on site if circulated more than 3-5 times since 2006

Range Onsite:

217,100 – 277,000 VOLS

est. 54-68% of exist. LC vols.

Dewey

- Books that circulated 3-5 times since 2006 are re-classed to LC and stay on site
- Remainder of Dewey
 Books shelved offsite

Range Onsite:

13,500 – 21,500 VOLS

est. 5-9% of exist. Dewey vols.

Growth

5 years with all new
 LC acquisitions
 staying onsite

Distributed Collections // Recommended Approach

Journals

- Retain current issue plus previous 10 years on campus
- Retain on site selected number of large run of popular magazines of historical/cultural/design value, e.g., Life Magazine

Growth: accommodated by moving older volumes offsite.

Special Collections

- All College Archives, Rare Book,
 Sophia Smith Collection retained onsite
- Exception: some records
 management and long-term restricted
 manuscript collections

Growth: 15 Years on site

Distributed Collections // Recommended Approach

Materials:	Volume breakdown
Books (LC + Dewey):	230,600 - 298,500 vols
Bound Journals:	4,200 - 6,300 vols
Growth:	25,000 vols
Approximate Neilson Total:	approx. 259,800 vols – 329,800 vols
Approx. total number on campus: (Neilson, Josten, Young, Hillyer)	approx. 520,800 – 590,800 vols
Approx. total Smith College General Collections (Neilson, Josten, Young, Hillyer, Five College Library Annex)	approx. 1,200,000 vols

NOT INCLUDED: Special Collections, Non-Print Items, Current Periodicals, Reference

Distributed Collections // What Is on the Shelves, Day 01?

Day 01:	Process used in addition to above methods	
Books (LC + Dewey):	Librarians partner with faculty, identify specific volumes to add via Curate the Collection tool	
Bound Journals:	Consultation as above	
Growth and Compact/Static:	Established during design to give Maya Lin creative freedom	
Approximate Neilson Total:	Ongoing management for sustainable growth within capacity limits	
Approx. total number on campus: (Neilson, Josten, Young, Hillyer)	Ongoing management as above	
Approx. total Smith College General Collections including Five College Library Annex:	Continues to grow	

NOT INCLUDED: Special Collections, Non-Print Items, Current Periodicals, Reference

Unified – Special Collections

Multifunction elements: Stacks, Teaching Space, Research Space, Exhibition Space, Staff Offices

Special Collections Reading Room

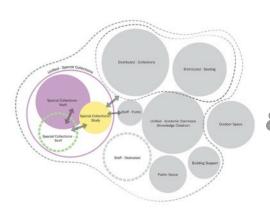
Flexible Instruction spaces

Small Rooms - for consultation and media viewing

Open Collaboration seats

Public Exhibit

(17) Special Collections Staff

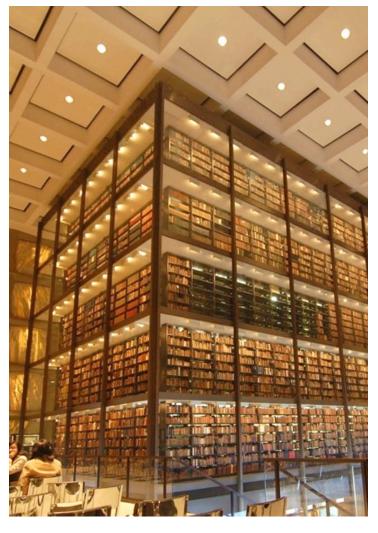


+/- 39,000 GSF

+/- 46 research seats

& 65 instruction seats

Multiple functions + stacks = +/- 27% of draft program



Unified - Special Collections // details

Tasks supported:

- Deep research
- Inspiration
- Discovery
- Instruction
- Global partnerships
- Content creation
- √ Study and research spaces
- ✓ Advanced staff spaces, flexible for future work
- ✓ Instruction spaces



Distributed Seating

Key elements

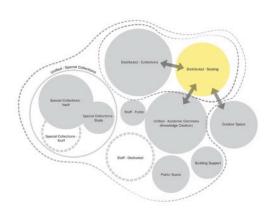
Open individual seats

Reading Room seats

Open collaboration seats

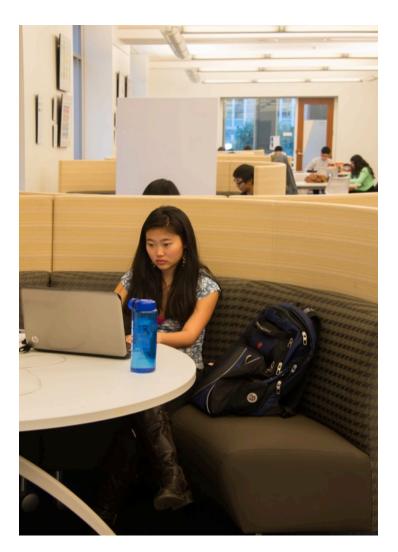
Rooms for general group collaboration

Assistive Technology Lab



+/- 21,200 GSF +/- 396 study & collaboration seats

+/- 14% of draft program



Distributed Seating // Individual

Tasks supported:

- Focused study
- Contemplation

Alone - Alone

- ✓ Carrels
- ✓ Solo soft seating
- √ Nooks (1-2 p)
- ✓ Small tables (1-2 p)
- ✓ Reflection spaces





Distributed Seating // Reading Rooms

Tasks supported:

- Focused study
- Deep research
- Writing, other scholarly activity
- Inspiration

Alone - Together

- ✓ Reading Rooms Enclosed and Open
 - Large tables (8+)
 - Soft seating
 - Curated/themed collections
 - Grand Reading Room, Caverno Room
 - Extended Hours Room





Distributed Seating // Collaboration - Open

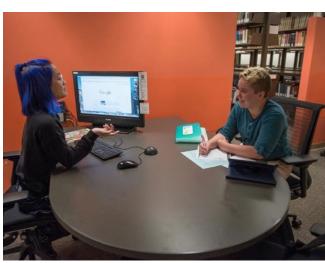
Tasks supported:

- Brainstorming
- Creating & practicing presentations
- Creating written or media projects
- Tutoring
- Viewing media as a group
- Study groups & group discussions

Together - Together

- Movable tables and whiteboards
- ✓ Group and solo seating
- ✓ Plug in for mobile technology
- ✓ Future technologies and innovations





Distributed Seating // Collaboration - Enclosed

Tasks supported:

- Private phone calls
- Brainstorming
- Creating & practicing presentations
- Creating written or media projects
- Tutoring
- Viewing media as a group
- Study groups & group discussions

Together - Alone

- ✓ Phone room (1-2p)
- ✓ Small group study or consultation room (4-6p)
- ✓ Large group study, project room (12-15p)



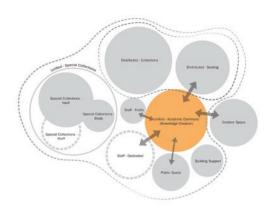


Unified – Academic Commons

Still evolving during design: models for sharing, reserving, co-location

Key elements

Evolving, see next slide



+/- 26,000 GSF +/- 208 collab. seats & 115 instruct. seats

+/- 18% of program

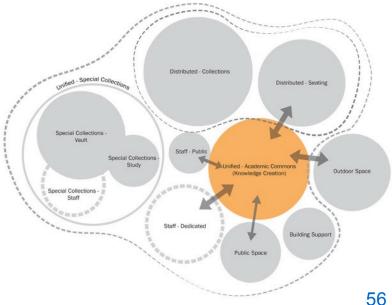


Unified – Academic Commons // details

Still evolving during design: models for sharing, reserving, co-location

Current Status	Use Priority	GSF
Well defined	Digital Media Hub: CMP, ETS, Spatial Analysis + Library Instruction	10,700 gsf
Still defining (satellite or anchor?)	Faculty and Student Centered Collaborations: Kahn, possibly Humanities Works, Sherrerd, WFI/Conway, Spinelli, Jacobson, Wurtele, Lazarus, Disability Services	5,100 gsf
Remains open to explore	Collaboration spaces SHARED by all of the above: Knowledge Creation, Engaged Learning, Research, Innovation	10,200 gsf

TOTAL: 26,000 GSF



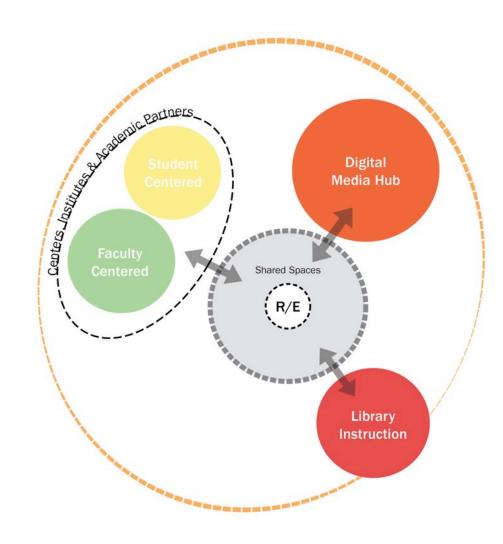
Unified – Academic Commons // details

Still evolving during design: models for sharing, reserving, co-location











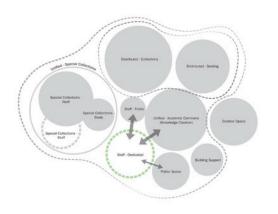




Staff - Dedicated

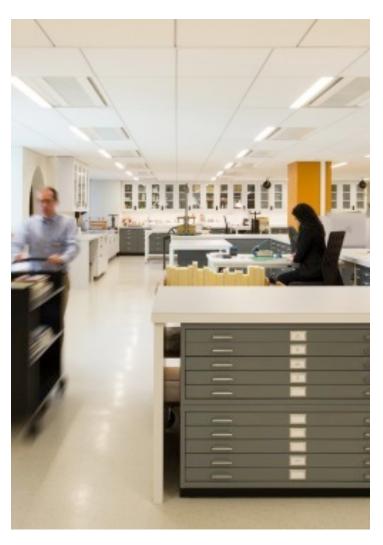
Staff Allocation

- (3) Library Admin
- (7) Teaching, Learning & Research
- (7) Digital Strategies & Services
- (22) Discovery & Access
- (6) Education Tech Svc
- (5) Ctr for Media Production
- (2) Spatial Analysis Lab



+/- 15,800 GSF 52 staff

+/- 11% of draft program



Staff – Dedicated // details

Tasks supported:

- Focused work
- Instruction preparation
- Collection management
- Collaborative projects
- Content creation
- Storage of materials

Pioneering Mixed and Intensive Use

- ✓ Offices and shared workstations
- √ Workrooms
- √ Social space
- ✓ Low percentage of "owned" spaces
- ✓ Locked storage & other support spaces





Current Target and "Still Working On..."

Financial modeling within budgetary constraints

+/- **146,000** gsf

Includes Neilson and Alumnae Gym

Still Working On...

(not prioritized)

- Academic Commons: further discussion with members
- Aspiration: more event space
- Aspiration: increase Gen. Coll. growth from 5y to 10y
- Aspiration: increase Gen. Coll. gsf

flexibility for the future

The vision for the future of Neilson acknowledges the critical important of **flexible space** that is **well used**.

Flexibility // Key considerations



Time

Immediate change vs. change at regular intervals by staff vs. change over time to respond to changing needs



Users:

What level of user control or autonomy exists to implement change?



Level of technology / connectivity

Specialized infrastructure vs. plug and play



Mobility:

Wheels, light weight, made to move



Scale / connection to building or systems



Funding

Flexibility // Lexicon









fixed

Who: Outside construction team

Time: Significant requires time and funding of renovation to change

Mobility: not mobile Funding: Significant required

<u>adaptable</u>

Who: Campus Staff or Outside furniture/ construction team

Time: Planned short turnaround (new furniture, remove static shelving, etc.)

Mobility: not a factor

Funding: likely required

evolving

Who: Library Staff

Time: Quick could be change in protocol – actual space does not change

Mobility: things may move or change, but by staff, not users

Funding: likely limited to no funding required

flexible

Who: Users

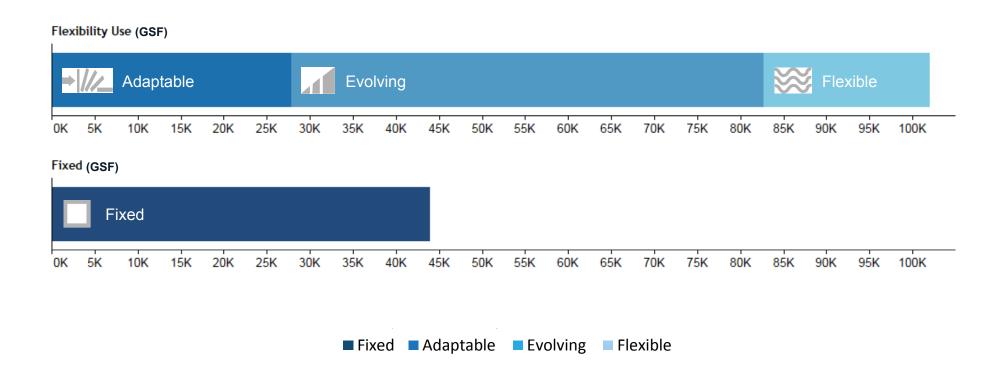
Time: instantaneous

Mobility: very mobile - casters especially important

Funding: no funding required for change

Flexibility // Comparison

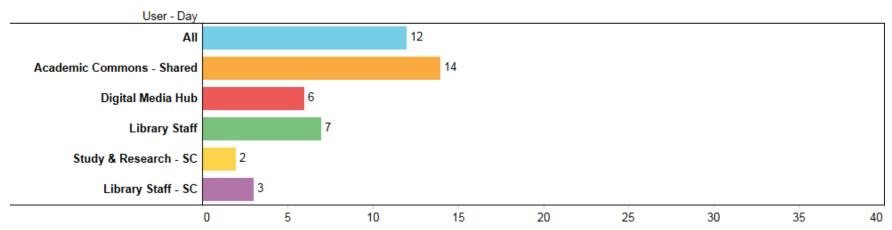
GSF approximations in the program remain adjustable throughout design



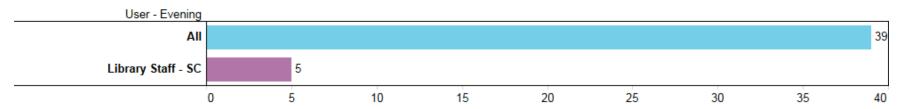
Intensity of Use // Enclosed Collaboration Rooms

Counts reflect current program framework and remain adjustable throughout design

Daytime Use



Evening Use



I believe a library should have books under its roof – there's no doubt in my mind about this fact – but I wouldn't mind seeing less of them, in order to appreciate the ones that are exposed more.

Neilson is by far one of my least favorite buildings on campus: the dark, almost suffocating stacks make it uncomfortable for me, and the confusing layout was quite intimidating at first. I hope the future library moves forward towards a more inviting and luminous structure, while still keeping a most necessary tie to its past.

- Smith Student '18, BKX140_J16, January 15, 2016

next steps

February – April 2016

PROGRAM COMMITTEE

- Present Draft to Faculty 1/19 refinements for clarity ...
- Present Draft to Trustees 1/28 refinements for clarity ...
- Circulate for comments, February
- Reconvene to reflect on feedback, late February
 adjustments
- · Playback to Campus, March
- Workshop with academic centers, March
- Building Committee review, end of March

OTHERS

- Conceptual Design starts. Design
 Committee gives feedback to Maya Lin
 on how the program is realized in an
 existing site with historic buildings,
 landscapes, and the larger institutional
 context at Smith
- Budget refinement and accountability planning continues
- Enabling planning continues
- Building Committee integrates processes

providing feedback

Please provide feedback via the library suggestions box, so the Program Committee can gather it in one place:

http://www.smith.edu/libraryproject/feedback.php