The Georgia Tech Library Vision
Reimagining the Library for the 21st Century

The Georgia Tech Library will enable people to explore the past and design the future by bringing together inspirational spaces, curated content, expert guidance, and scholarly communities.

Library Renewal Context

- **Data** Trends
- Core **Principles** and Values
- **Preserving and Expanding Access** to the “Universe of Scholarship.”
- **User-Driven** Spaces, Services and Collections
- **Pilot / Prototyping** Library Renewal Program
Georgia Tech Library: Engineered for YOU
Use of physical library buildings is at a record high.
Use of print book collections is at a record low.
Use of library’s digital collections (e-books, e-journals) is very robust.

1,000,000+ “clicks” to library e-books and e-journals.
context: data

Global e-book revenue projection: 2008-2018
(Source: PWC)
context: five laws of library science

1) “Books are for use.”
2) “Every user, his / her book.”
3) “Every book, its user.”
4) “Save the Time of the User.”
5) “The Library is a Changing Organism.”

(S.R. Ranganathan, 1931)

Georgia Tech’s “Five Laws” as adapted for the 21st Century:

Scholarly Resources (e-books, datasets, gadgets, copyright help, research experts) are for use.

Every User, his / her Scholarly Resource at point of need.

Every Scholarly Resource, its User in the format they require.

“Save the Time of the User” by being proactive, creating a great UX, and anticipating user needs.

“The Library (and Librarian) is a Changing Organism.”
core values: preservation and access

Enduring core values for all research libraries include preservation of the scholarly record, and providing access to that content in a way that “saves the time of the user.”

Library Service Center of Emory University and Georgia Tech:

- Climate-controlled to preserve print book and archival collections for 200+ years.
- Technology-rich environment suitable for on demand scanning and e-delivery to campus.
- Reading room
- Modular
user experience: exploring research behavior

In partnership with brightspot, the library did a deep-dive to gain insight into the unique Georgia Tech research experience. The Library also maintains three advisory boards to provide strategic guidance.

Understanding the UX
- Advisory boards
- Observation / dScout
- Surveys

Campus Engagement
- Social Media
- e-Newsletters
- Library Renewal website

Library Faculty + Staff Insight
- “Reimagining” White Paper
- Open Forums
- Working Groups
campus engagement: advisory boards and shepherds

The Library maintains three highly engaged advisory boards who provide continual strategic input to the Library’s top leadership. Additionally, Faculty “shepherds” have been appointed to provide specific insight regarding the Library Renewal programmatic design.
library renewal: piloting and prototyping

A core principle for the Library Renewal is making the “invisible” world of e-books, e-journals, librarian expertise, and digital scholarship, highly “visible” to the user.
library renewal: piloting and prototyping

Lockers with Device Charging

Self-Service Laptop Kiosks

Retro-computing

http://renewal.library.gatech.edu
library renewal: piloting and prototyping

http://renewal.library.gatech.edu
Buildings For: People Books
BOOK SPACE

PEOPLE PLACE
transforming space for people

EXISTING

FUTURE

DIFFERENCE

<table>
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<tr>
<th>Category</th>
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<tr>
<td>Experiential Learning</td>
<td>32%</td>
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<tr>
<td>Stacks</td>
<td>-38%</td>
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Energy Model Evolution

Annual Energy Use Intensity [kBtu/sf]

*[EXISTING BUILDING]*

[ASHRAE 90.1]

[12/23/14 REPORT]

[02/02/15 UPDATE]

[CURRENT DESIGN]

*Existing Building data is measured, not modeled*
ENERGY USE PER PERSON
(Btu/sf/person)

96.8
BEFORE RENEWAL

17.8
AFTER RENEWAL
• Program and design aligned with Georgia Tech Strategic Plan, Landscape Plan and Sustainability Plan
• Design led by innovative process of piloting new services and spaces to predict the future
• Create new services for students and faculty
• Doubled seat count
• Create porosity of library buildings and connect interior spaces to campus
• Replaced books with people
• Integrated learning technology infrastructure for evolving future needs
• Increase population by 100%
• Removed brick walls and replaced with windows for daylight and views
• Reduced energy use by 60%
Thank you!
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