New Directions: Computational Methods & Data

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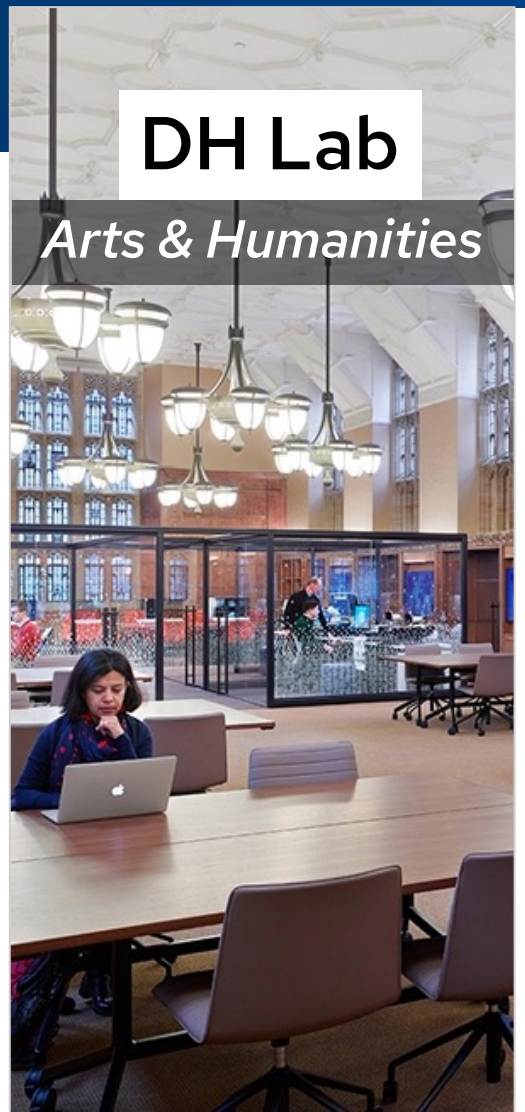
Agenda

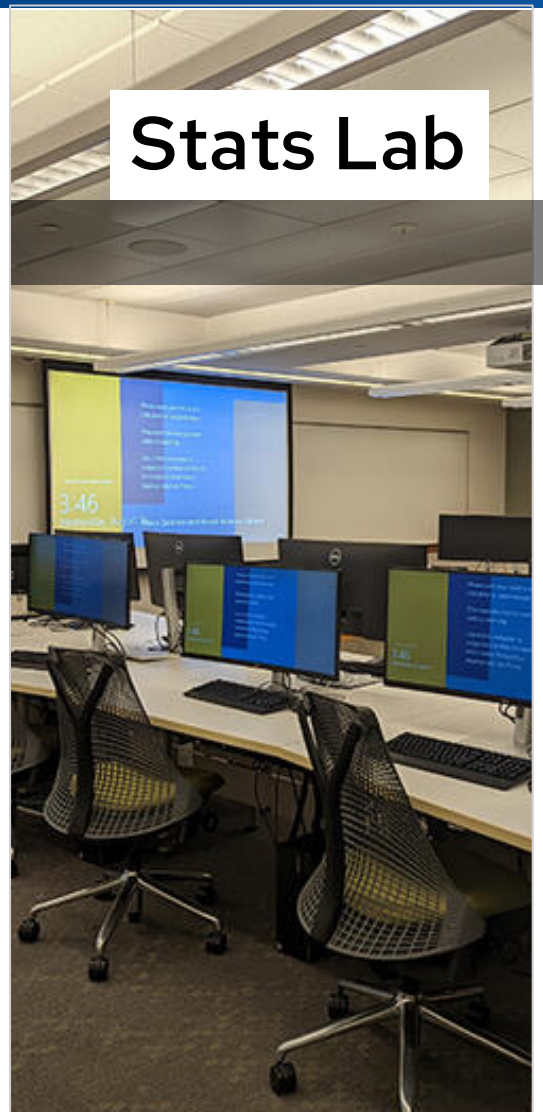
1. Previous state
2. Change drivers
3. New Approaches
4. What’s happening now

Earlier Approaches



DH Lab

Arts & Humanities



Stats Lab

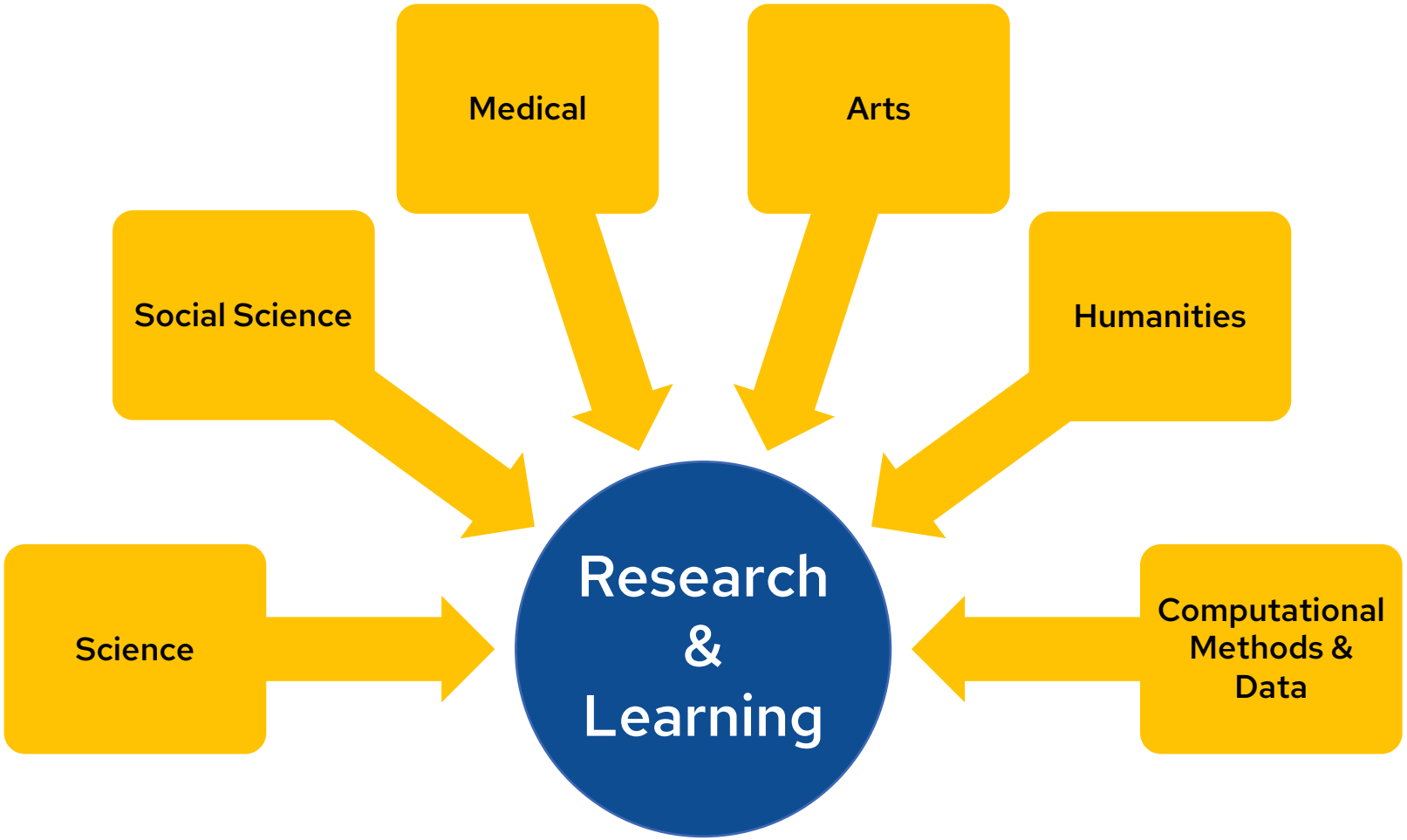
Data

Science & Social Science

GIS

A New Portfolio

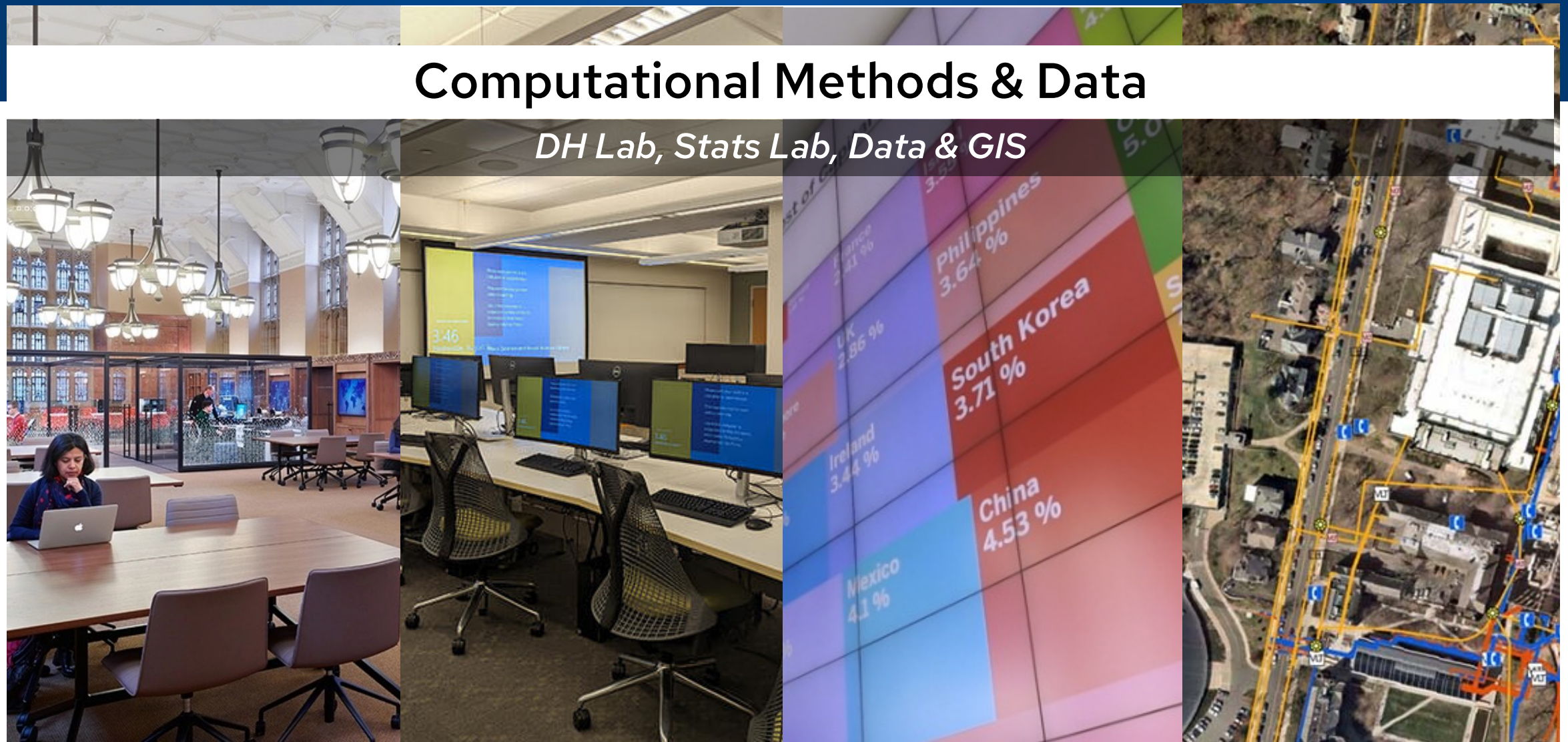
Research & Learning



Current Direction

Computational Methods & Data

DH Lab, Stats Lab, Data & GIS



Portfolio Strategies

Research & Learning

1

Library-wide approaches

Advance a coordinated, library-wide vision for research and learning services

2

Deeper engagements

Build relationships and partnerships to enable new possibilities

3

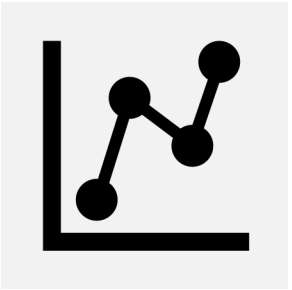
Strategically aligned

Align offerings with the University’s strategic priorities

University Strategies

University Science Strategy

Data science, data management, research impact, new interdisciplinary programs

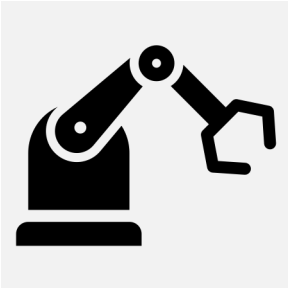


Data-Intensive Social Science Strategy

Establish a new Center dedicated to advancing data-intensive research in the social sciences

Humanities Doctoral Education Report

New dissertation forms, emphasis on interdisciplinarity, collaborative advising



Vision for Engineering & Applied Science

Cross-cutting research initiatives, interdisciplinary collaboration

Evolving our Approach

Assessment & User Engagement

1. **Go Deeper:** Get closer to the research; Lean into unique things library can offer
2. **Know Your Audience:** Become more user-driven; demonstrate that we're listening
3. **Targeted Solutions:** "everyone is welcome" vs. "built with you in mind."
4. **New Approaches:** Focus on how we should be doing things, not on how we've always done things
5. **Alignment:** meet university's existing and emerging strategies and priorities; "one library" approach

Deep Collaboration

Embedded Data Librarians

- Get closer to research and researchers
- Focus on research centers
  - Data-Informed Social Science Center
  - Geospatial Solutions Center
- Dotted line to Executive Director
- Center staff report to librarian
- Split compensation and FTE
- Workspace in Center

Sustainable Support

Distributed support model

- **Tiered Support**
  - **Highest support tiers in Computational Methods & Data department**
  - Enroll subject librarians and other staff at different tier levels; rescope roles (esp. in STEM and social science) and provide training
- **Add FTEs**
  - Hire more functional roles: data curation, data collections
  - **Leverage FTE savings from research center partnerships**

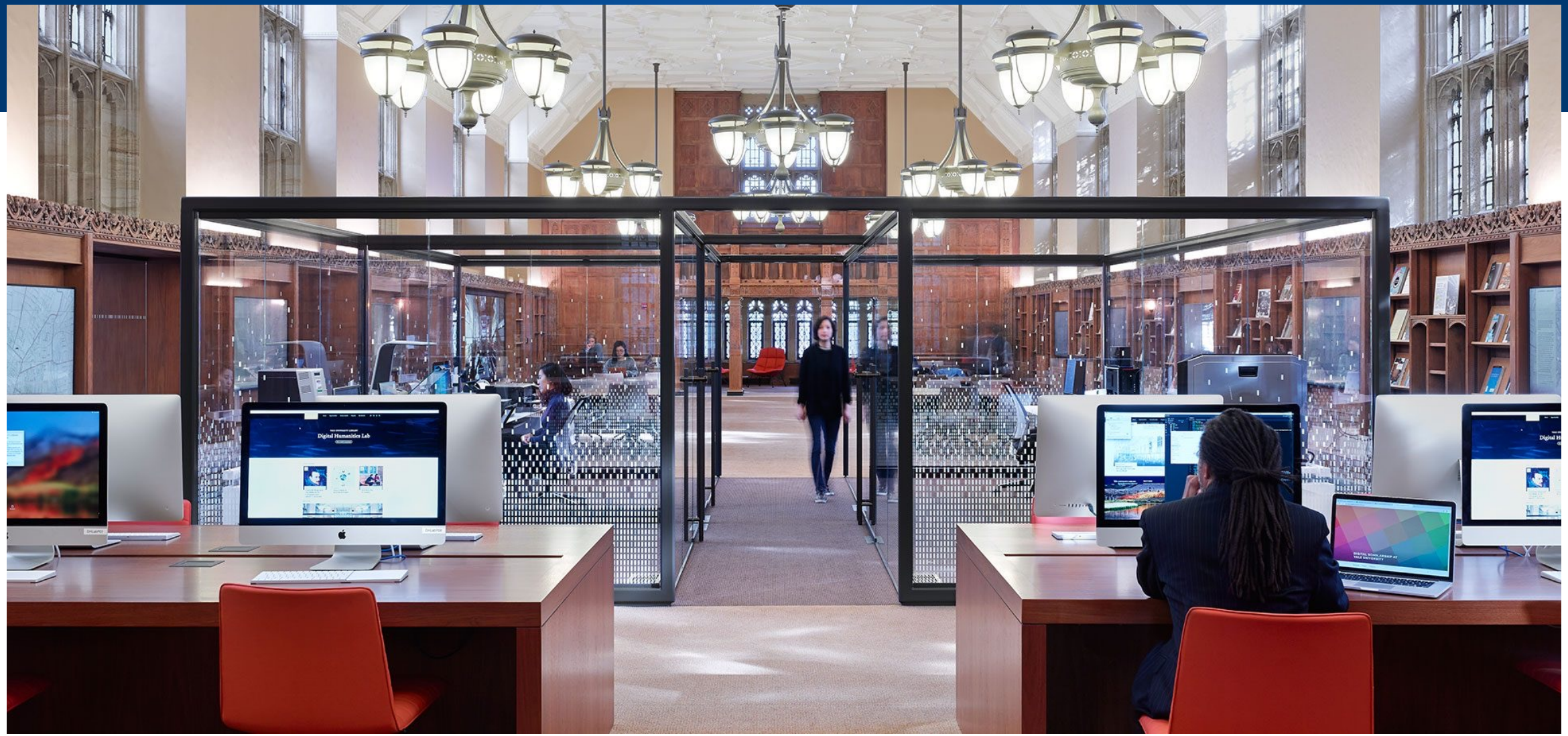
Filling Gaps

Reimagining the Stats Lab

- Understand audiences and align services
- Focus on methodological support
- Focus on reproducibility
- Create a more stable staffing structure, and there fore a more stable service
- Activate space

- **Reengage DH communities**
  - Engage Research Faculty of Digital Humanities
  - Create a space of “yes;” foster creativity and community
  - Digital dissertation fellowship
  - Collaborate with programs and departments to deliver certificate programs: DH, critical computing
  - Activate space

At the Table

- Infrastructure
  - Data repository, institutional repository
  - Persistent identifiers
  - Data discovery
- Policy
  - Data sharing, retention, preservation
  - Research data governance
  - Open practices
- Engagement
  - Education on federal mandates, data management
  - Coordinating support in a complex institutional environment

Thanks for your attention!