THE HOUSE THAT COLLABORATION BUILT:
REDESIGNING A DIGITAL SCHOLARSHIP CENTER

DATE 12/15/2015  CLIENT CASE WESTERN RESERVE UNIV.
ABOUT US:

CASE WESTERN RESERVE UNIVERSITY

- A Private R1 Research Institution
- Created in 1967 by the federation of Case Institute of Technology and Western Reserve University
- > 5,000 Undergraduates coming from 88 countries
- > 5,500 Graduate Students
ABOUT US:

KELVIN SMITH LIBRARY

- Main Library of CWRU
- Serving:
  - Weatherhead School of Management
  - School of Engineering
  - College of Arts & Sciences
- 325,000+ Visitors FY2015
- <2,500,000 Volumes
ABOUT ME:

ROGER ZENDER

- Associate Director, Creation & Curation Services
- Manage 2 Teams:
  - Digital Learning & Scholarship (7 Staff)
  - Scholarly Resources & Special Collections (5 Staff)
- MLIS & MS of Information Architecture & Knowledge Management from Kent State
Freedman Center for Digital Scholarship

- Where we’re coming from
- Why we’re doing this
- How we’re doing it
- The space
- The services
- The future…
What is Digital Scholarship?

- Technology-enabled Research
- Collaborative Research
- Crosses both scholarly and service domains
- Encompasses Digital Humanities
- Loose borders…
  - Data Management
  - Scholarly Communication
  - etc…
Where we’re coming from…

- The Original Freedman Center established 2005
  - Digital Library, Language Learning and Multimedia Services Center
- Arnold Hirshon, University Librarian, started in 2010
- Digital Scholarship initiatives started in 2014, (existed before)
  - Redeveloped Freedman Fellows Program
  - Reengaged Donor, Renamed the Center
  - Digital Scholarship White Paper & Call for Participation Written
Why we’re doing this…

- Digital Scholarship is here to stay…
- Libraries have always been partners in research
- Digital Scholarship exists in the spaces between traditional academic programs & traditional services provided (need for a new space)
- Digital Scholarship provides the tools and services to ask new questions and provide new perspectives, advancing academic and research boundaries
How we’re doing this...

- Create a Vision / Educate the Campus (White Paper)
How we’re doing this...

- Create a Vision / Educate the Campus (White Paper)
- Start a Dialog (Call for Participation)
Interactive Conversations Among and Between Researchers and Service Providers

**Researchers**
- Faculty & Students
- Concept
- Research
- Creation
- Dissemination

**Service Provider Conversations**
- Community Building
- Education
- Consulting
- Infrastructure
- Apps & Tools

**Providers**
- KSL, ITS, Baker-Nord, UCITE, ThinkBox, College & Schools, Research Admin

**Cross-Community Conversations**

**Opportunity:**
- Build multi- and interdisciplinary communities of faculty and student researchers through conversations
- Build a network of coordinated and collaborative services through conversations
How we’re doing this...

- Create a Vision / Educate the Campus (White Paper)
- Start a Dialog (Call for Participation)
- Build Partnerships (w/ Service Provides & Faculty)
Campus-Wide Partnership

- A group consisting of...
  - Information Technology Services
  - Baker-Nord Center for Humanities
  - UCITE
  - think[box]
  - Other Libraries
  - Faculty
How we’re doing this...

- Create a Vision / Educate the Campus  (White Paper)
- Start a Dialog  (Call for Participation)
- Build Partnerships  (w/ Service Provides & Faculty)
- Create a FLEXIBLE Space  (Freedman Center)
How we’re doing this...

- Create a Vision / Educate the Campus  (White Paper)
- Start a Dialog  (Call for Participation)
- Build Partnerships  (w/ Service Provides & Faculty)
- Create a FLEXIBLE Space  (Freedman Center)
- Create a committee (or two)
  - Policy & Program Board
  - Program Delivery Partners
**Policy & Planning Board Charge:**

A group of key University administrators assembled to advise the University Librarian and Associate Director for Creation & Curation Services on matters relating to general policy regarding the direction and use of digital scholarship activities and services to advance research and scholarship.

This body will provide broad direction and resource provision for the Program Delivery Partners to act upon to implement the counsel of this board.

*Meeting Frequency: 2–3 Meetings Per Year*

**Program Delivery Partners Charge:**

A group of key administrators and service providers that will define the specific services and policies associated to supporting digital scholarship in accordance with the Policy & Planning Board. This includes initiatives such as generating a services inventory, understanding and guiding facility usage as well as marketing of these services to the University community.

*Meeting Frequency: 2–3 Meetings Per Year (following Policy & Planning)*

**Research Deans Charge:**

To help support the research mandate of CWRU, and to help identify participation and steer the services provided by the Program Delivery Partners and use thereof going forward.

*Meeting Frequency: Once per semester*
The Space

- Designed with Partners
- Doubled in Size
  - Production Area
  - Collaboration Area
- Completely Flexible
- Greater Visibility
- Extended Service Hours
The Services: Overview

- Full-Time Staff
- Student Staffed Desk
- 24x7 Access
- Self Service Instruction Materials
- A Space for our Partners…
The Services: Scanning & Digitization

- 4 Scanning Stations
  - Book Edge Scanner
  - Large Flatbed Scanners
  - Slide Scanners
  - Sheet Fed Scanners
  - Large Format Scanning
  - OCR Software
  - etc.
- 2 KIC Scanners
- Premium Services
The Services: GIS/Statistics

- 4 Dedicated Work Stations
  - ArcGIS
  - ArcPad
  - SPSS
  - MatLAB
- etc.
The Services: Design

- iMac Computer
- Wacom Cintiq
- Full Adobe Suite
The Services: A/V Editing

- 4 High-End Workstations for creating & editing audio & video content
- Digitization Racks for “all” A/V Formats
The Services: Virtual Reality

- 3D Printer
- 3D Scanner
- 3D Monitor
- Haptic Arm
- Various software working VR formats
The Services: Poster Printing

- Consultation Services
- Rush Service
- Fee-based
The Services: Equipment Lending

- Tablets (iOS / Android)
- Projectors
- HD Video Cameras
- Audio Recorders
- Laser Range Finders
- GIS Devices
- etc.
The Services: Video Studio

- One-Button Studio
- Green Screen Technology
The Services: Digital Case

- Institutional Repository
- Fedora / Hydra Stack
- <50,000 Objects
The Services: Education

- CaseLearns
  - TEI
  - NVivo
  - Data Management
  - GIS
  - A/V Production
  - etc.

- Asynchronous / Self-Service
The Services: Consultation

- Text & Data Mining
- GIS
- Digitization
- Data Visualization
- Data Management
- Data Storage (IR)
- Database Development
- 3D Printing & Scanning

Figure 4. Geographic Distribution of the African American population and Africa
2010 Cuyahoga County, Ohio
The Services: Collaboration

- Library Staff
  - Digital Scholarship Librarian
  - 2 Digital Research Services Librarians (Humanities & Sciences)
  - GIS / Statistics Librarian
  - Creative New Media Officer
  - 2 Application Programmers
- Campus Partners
The Future

- More & Better Analytics
- Services Inventory
- Marketing
- Concierge Services
- Collaborative Project Management
- Persistent Application Hosting
- Advanced Technologies
THANK YOU...

HTTP://LIBRARY CASE EDU/ KSL/ DIGITAL SERVICES

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