Alkek Library
Collections and Digital Services
Spring Forum 2015
Initiatives, Innovation and Upcoming Events

Ray Uzwyszyn, Ph.D. MBA MLIS
Director, Collections and Digital Services
CDS Strategic Operating Plan
FY15 & FY16

• CDS moved in past year from 80% incomplete strategic plan projects in FY14 plan to 90% complete projects for FY15

• Thank you for all your efforts in day-to-day operations, projects completed and workflow process streamlining in the past year.

• Stay tuned for FY16 planning which we will begin later in the summer/early fall.
Acquisitions Budget Proposal FY16

Return on Investment (ROI)

• Library Materials Budget proposal submitted. Currently rising from approximately 6.8 Million (FY15) to 7.2 million (FY16) in annual expenditures.

• As the University transitions to a research institution acquisitions expenditures becomes increasingly important.

• Tenopir Study (2010): For every monetary unit invested in the libraries, the institution receives a return in grant income ranging from approximately 0.64:1 for teaching institutions to 15.54:1 for an intensive research institute.
FY 16 Acquisitions Budget Request

SERIAL INFLATION: $244,025
NEW STRATEGIC INITIATIVES: $274,435
TOTAL INCREASE: $518,460

FY16 ACQ BUDGET: $7,252,736 (FY15 $6,734,276)

New Initiatives identified for FY16:

1) Online Research & Analytics Tools: New Tools to leverage and gain insight into the university’s research performance and support university researchers

2) New Online Research Content: Access to all of EBSCO’s full-text content and Elsevier’s Scopus

3) 2nd Year of Hybrid Online Tools Initiative
Online Hybrid Research Tools Initiative
Phase 2: 2015-2016

- Renewals of dataZoa and Browzine
- 2nd Year Pilot of Curriculum Builder (Currently Free)
- Not currently renewing Artstor Shared-shelf
**TXU & Return on Investment: Academic Resources from 9 Academic Libraries (TXU FY16 $6,978,301.00)**

<table>
<thead>
<tr>
<th>University</th>
<th>ROI Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>University 1</td>
<td>3.44:1</td>
</tr>
<tr>
<td>University 2</td>
<td>15.54:1</td>
</tr>
<tr>
<td>University 3</td>
<td>1.90:1</td>
</tr>
<tr>
<td>University 4</td>
<td>13.16:1</td>
</tr>
<tr>
<td>University 5</td>
<td>0.75:1</td>
</tr>
<tr>
<td>University 6</td>
<td>1.31:1</td>
</tr>
<tr>
<td>University 7</td>
<td>0.64:1</td>
</tr>
<tr>
<td>University 8</td>
<td>1.43:1</td>
</tr>
<tr>
<td>University 9</td>
<td>5.60:1</td>
</tr>
</tbody>
</table>

- Highest ROI from **research intensive** science and technology oriented institutions
- Lowest ROI from comprehensive liberal arts **teaching** institutions without research mission
- Middle ROI from **multi-disciplinary research institutions** (Texas State emerging research aspirant)

*University Investment in the Library, Carol Tenopir, 2010*
Acquisitions Research Tools Exploration
Scival (Elsevier)/Thomson Reuters Incites/ EBSCO Plum Analytics

Acquisitions
Collections Development

Subject Specialist
Librarians

Vice chancellors of research
- inform strategic planning
- track research performance
- understand the institution's research strengths
- benchmark

Research administrators
- create management-level reports
- accelerate institutional and cross-institutional collaboration
- support and win large grants
- devise strategy to win large-scale grant programs
- demonstrate researchers' expertise

Department heads
- retain and recruit researchers
- gain an objective view of team performance
- benchmark
- test scenarios by creating virtual teams
- maintain accountability

Researchers
- raise visibility and highlight achievements
- expand networks
- locate collaborators and mentors

Top-down: evaluate research
Bottom-up: demonstrate value
Incites: Texas State University
Shift Towards Research Institution / Main Areas of Research
Peer Reviewed Documents

(1980-2003: 50-175 D/Y)
(2004-2013: 150-500 D/Y)
Texas State vs. US University institutions
Research Performance Indicators

Performance indicators

**Outputs in Top Percentiles**
Publications in top 10% most cited worldwide

- Texas State University: 8.5%
- United States: 17.1%

→ Analyze in more detail

**Publications in Top Journal Percentiles**
Publications in top 10% journals by SNIP

- Texas State University: 16.6%
- United States: 27.4%

→ Analyze in more detail

**International Collaboration**
Publications co-authored with Institutions in other countries

- Texas State University: 29.1%
- United States: 30.7%

→ Analyze in more detail

**Academic-Corporate Collaboration**
Publications with both academic and corporate affiliations

- Texas State University: 2.5%
- United States: 2.7%

→ Analyze in more detail
Incites: Measuring Areas of Research and Impact Factors

(Highly Cited Documents)
Texas State Collaboration
Grant Seeking Opportunities

Top collaborating Institutions

<table>
<thead>
<tr>
<th>Institution</th>
<th>Co-authored publications</th>
<th>Citations received for co-authored publications</th>
<th>Co-authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. University of Texas at Austin</td>
<td>117 ▼</td>
<td>327</td>
<td>105 ▼</td>
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<tr>
<td>2. Texas A and M University</td>
<td>61 ▲</td>
<td>252</td>
<td>90 ▲</td>
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<tr>
<td>3. Victoria University of Wellington</td>
<td>37 ▲</td>
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<td>11 ▲</td>
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<tr>
<td>4. University of Bari</td>
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<td>142</td>
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<td>5. University of Texas at San Antonio</td>
<td>23 ▼</td>
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<tr>
<td>6. Arizona State University</td>
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<td>26 ▲</td>
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<tr>
<td>7. Texas Tech University</td>
<td>20 ▲</td>
<td>33</td>
<td>35 ▲</td>
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<tr>
<td>8. Louisiana State University</td>
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<td>29 ▼</td>
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<tr>
<td>9. University of Oregon</td>
<td>18 ▲</td>
<td>164</td>
<td>13 ▲</td>
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<tr>
<td>10. SEMATECH</td>
<td>18 ▼</td>
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</tr>
</tbody>
</table>

Web of Science Database

Scopus Database
Offsite Repository (STAR Park)

• Board of Regents Funding Approval Currently in Process
• Next: Programming Phase Completion & Design Phase
• CDS not moving in first phase of build
Building Infrastructure Upgrade
Including 2\textsuperscript{nd} Floor Alkek (New Power & Data Grid)
Winter 2015/Spring 2016
Digital & Web Services FY15/FY16

- **Several New Digitization Projects Completed FY15**
  *(Pedagogs, University Archives, Cormac McCarthy’s Blood Meridian, Wittliff, Santiago Tafolla: Mexican Amer. Confederate Soldier)*

- **FY16 Expansion into Multimedia**
  *(Oral History and Video Projects: Increased Capacity, Lonesome Dove Dailies, Austin Film Festival Conference Videos)*

- **FY16 Expanded Programming/Metadata Capabilities**
  *(OCR Projects: Cormac McCarthy and Complex Back End Database (Metadata) to Front End Visualization (Mapping, Visualization, New Version of Sierra))*

- **FY16 Digital Preservation Projects**
  *(Duraspace, DPN, New Committee on Digital Preservation)*
DPN
5 nodes UT Austin/ TPN, Stanford, Hathi, Chronopolis, AP Trust.

**DuraCloud** as ingestion point for
Amazon S3 – high availability
Amazon Glacier – cost efficient slow retrieval
iRODS at Texas Advanced Computing Center
3D Printer/Scanner Services
Learning Commons Fall Semester V1.0 Roll-out

Makerbot Replicator Z18 $5,602.54
Makerbot Cart 964.87
Extra Extruder (Print Head) 172.92
2 Year Protection Plan 1,224.40

Subtotal: $7,964.73

Next Engine 3D Scanner 2,795.00
Two Repurposed Computers $0.00
3D Scanner 3 Year Extended Warranty 295.00
Next Engine MultiDrive 895.00
HD Pro Scanner Software 995.00
20 Spools of Filament 267.12
Sketchup Pro – 2015 (Commercial) 590.00
1 Rhino 3D License 799.00
LC 1200 Line Conditioner 125.00

Subtotal: $6,771.12

Grand Total (Est): $14,725.85
Alkek 25th Anniversary Fall 2015
Anniversary Events

• CDS Digital Projects: Football Negatives Flickr Site, Pedagogs 80’s and 90’s, 1st Fl. Digital Exhibit

Volunteers Needed:
• Library Open House 25th Anniversary, Homecoming Day Saturday November 7th
• Re-enactment of Symbolic Library Move from Old Main to Alkek (September 23rd 10:00-11:30 am)
Current CDS Summer/Fall Searches

• **Head of Acquisitions**  (Chair: Paivi Rentz)

• **Database Maintenance and Metadata Librarian**  
  (Chair: Sheila Torres-Blank)

• **Simmons Cataloger, Special Collections**  
  (Chair: Karen Sigler)

• **Timelines**: Hopefully all hired by early Fall Semester

• **New VPIT and AVP ITS** to begin summer/Fall
Questions/Comments