GFC Update: Digital Scholarship Centre

November 2018
3D printing, carving

VR Studio

Visualization wall

Workshop spaces

Digitization

Technology-enabled collaboration areas

Advanced desktop computing
Exploring High-End Visualization for Research and Education

Georgia State University created a technology-rich visualization space that supports research and instruction and explores the transformative potential of visual media across all disciplines.

By Meg Lloyd 07/22/15

Category: Education Futurists
Institution: Georgia State University
Project: CURVE: Collaborative University Research & Visualization Environment
Project lead: Bryan Sinclair, associate dean, university library
Tech vendors/partners: Apple, CineMassive Displays, Dell, Nvidia
research + publishing

Southern Spaces journal

what is ECDS?
<table>
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<th>Digital publishing</th>
<th>Data mining and text analysis</th>
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<td>Data visualization</td>
<td>Digitization &amp; digital preservation</td>
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<td>Data literacy</td>
<td>3D printing</td>
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<td>Research data management</td>
<td>3D scanning</td>
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<td>GIS, spatial data and mapping</td>
<td>Repository services</td>
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<td>Metadata design and use</td>
<td>Web archiving and analysis</td>
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<td>Project management</td>
<td>A/V recording booth</td>
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People

- Libraries - Digital Initiatives unit, subject and specialist librarians, DSC Assistants, further recruitments
- Grad students; Undergraduate students - users, employees, internships (partnership opportunity)
- Postdoc fellowships (partnership opportunity)
- Academic Director; Administrative Director
- Partnerships - Compute Canada, KIAS, ARC, CTL, IST, and others
- Researchers and instructors
Partnerships

- Grant and research support: CWRC, EMiC, SSHRC Insight, CFI
- Compute Canada, Canarie, Cybera
  KIAS, ARC, CTL, EDTech, IST, Rehabilitation Robotics Laboratory (VR)...
- Edmonton Public Library
- Network of DSCs
- Internet Archive
- Hathitrust Research Centre (example of data mining of large scale text corpus)
Timeline

Projected opening (soft launch) - February (Q1) 2019
Renovation construction - fully underway
Approval as an Academic Centre - complete
Recruitment of Academic Director - complete
Recruitment of Head, Digital Scholarship Services - complete