VT University Libraries: Strategic Directions

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Virginia Tech Growth Trends...

- Graduate education
- Research capacities (2X)
- Interdisciplinary / Transdisciplinary programs
- ‘Transforming’ teaching and learning
- ‘Beyond Blacksburg’ (NCR, VA locations, Int’l)
VT’s Mission is our Mission…

• *Discovery and dissemination of new knowledge* are central to its mission…

• *University creates, conveys, and applies* knowledge…

Why?
• expand personal growth and opportunity,
• advance social and community development,
• foster economic competitiveness,
• improve quality of life
The Libraries are integral to the lifecycle of information

Create & produce

Disseminate

Use, integrate

Manage & preserve

Promote & re-use
Research Library as Table: The Four Legs

Library programs center on:

- Teaching, Learning & Literacies
- Learning Spaces
- Collections Access
- Research and Curation
WHAT DO STUDENTS PRODUCE TODAY?

HOW DO STUDENTS GAIN THESE SKILLS? WHAT SPACES, TOOLS, TRAINING DO THEY NEED?

- Developing websites
- Editing videos
- Painting, drawing, sketching
- Constructing 3D models
- Coding algorithms
- Writing business plans
- Presenting survey findings
- Manipulating data

Complex & diverse range of assignments
BEYOND INFORMATION LITERACY

Colleges
Agriculture & Life Sciences
Architecture & Urban Studies
Engineering
Liberal Arts & Human Sciences
Natural Resources and Environment
Pamplin College of Business
Science
Veterinary Medicine

- PROBLEM-BASED LEARNING
- SERVICE LEARNING
- TECHNOLOGY LITERACY
- SCHOLARLY COMMUNICATION
- COLLABORATIVE PROJECTS
- GLOBAL CITIZENSHIP
- CRITICAL THINKING
Learning Spaces: Individual zones

Library services in a mixed environment: Computing, media production, tutoring, communication training, writing clinics, etc.
Study Zones
Group Study Zones
Presentation Zones
Getting You Information: Collections Access

Move to electronic...

- Shared collections
- New discovery systems
- Mobile devices
- Book delivery service
- Print on Demand
E-Research and Curation

New Library Services
- Create, manage, use information resources in different ways

Digital Design & Production
- eJournals / eBooks
- Digital Humanities projects
- Web sites / Virtual research environments

Repositories
- Digital Scholarship
- Digital Research Data
- Multimedia / Learning objects
- Archival / Historical / Images

Libray–Researcher Partnerships

born-digital from VT

Virginia Tech
Invent the Future
Digital Research Data Sets

Library Perspective:
1. A primary source: available to support, advance research
2. Extension of scholarly publications: digital data linked to articles, papers

Challenges to Researchers:
• Policies: Need data mgmt. planning
• Need data curation tools, interoperable technologies
• Lack of best, common practices
• Scholar/Library/IT Partnerships
Thank you...

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