REPOSITORY PLANNING @ NYU

HIM MISTRY
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NEW YORK UNIVERSITY

- NYU is one of the largest private universities in United States
- 40,000+ students
- 18 schools & colleges
- 5 major centers in Manhattan
- Global Sites in Africa, Asia, Europe, & South America
- 2,500+ courses offered
- Students come from every state & 133 foreign countries
- Unique business of teaching, research & scholarship realm
- Aim to support Research Life Cycle > Data Life Cycle

- Collection
- Search & Discovery
- Analysis
- Visualization
- Storage
- Contribution
- Preservation
TRENDS

- Data Intensive Research
- Process Intensive Research Data Analysis

New Departments & Programs
- Center for Urban Science + Progress (CUSP)
- Center for Data Science (DS)
- Center for Genomics and Systems Biology
- Bioinformatics
- Applied Statistics for Social Science Research (A3SR)
MODEL

Mix-Model: IT + Library (technology meets pedagogy)

Central IT:
• Provides Infrastructure
  • Storage, Computing, Cluster, Server ..

Library:
• Data Stewardship
  • Collection, Acquisition, Search & Discovery, Metadata, Preservation ..

Staff – technologists + librarians & subject specialists
Example: SDR
Example: SDR
CHALLENGES

- Increasing number and types of requests for computing (performance, stability and scalability)
- Volatile client base viz. active demand of services
- Diverse user needs: specialized resources, new data formats, new technologies and services.
- Vast fields of study and research
CHALLENGES

- Efficient search & discovery environment to self-serve patrons/clients
- Metadata creation for researcher-created data
- Long-term preservation - Data plans and Data retention policies.
- Robust Repositories with varying degrees of access
- Remote collaborations (resource sharing, data sharing & transfers)
- Data storage needs and Data citation needs.
- Various levels of support – type, quality, capacity, availability and content
THANK YOU

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