SHARE
SHared Access Research Ecosystem

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SHARE is a Partnership
Federal Research Expenditures at AAU Universities

dollars and percentage of national total (2011)

- NIH: $13.7 billion, 59.5%
- NSF: $3.1 billion, 60.2%
- DOD: $2.8 billion, 58.4%
- DOE: $1.1 billion, 58.4%
- NASA: $883 million, 61.7%
- USDA: $375 million, 37.3%
- Total Fed R&D: $23.5 billion, 57.7%

AAU by the Numbers
https://www.aau.edu/WorkArea/DownloadAsset.aspx?id=13460
AAU University Research Publications

- **Publications**
- **Percent of U.S. Total Pubs**

**2007-2011**
- 1.13 million publications
- 67% national total
- 19% world total

*Source: InCites™ Thomson-Reuters, 2012*

AAU by the Numbers
https://www.aau.edu/WorkArea/DownloadAsset.aspx?id=13460
ARL Libraries Total Materials Expenditures, FY13

$1,490,549,048
APLU

- Research, policy, advocacy organization
- Represents 235 public, research universities, land-grant institutions, and state universities systems
- Conducts $41 billion in university-based research annually

What is SHARE?

Higher education initiative to create robust ecosystem of repositories of research products

– Leverage existing research environment
– Capture & expose research outputs
– Ensure discovery, accessibility, reuse, preservation
Current Situation

• Difficult to keep abreast of the release of publications, datasets, other research outputs
• No single, structured way to report research output releases in timely and ubiquitous manner
Components / Layers

- SHARE Content Aggregation
- SHARE Discovery
- SHARE Registry
- SHARE Notification Service
SHARE Research Release Events (Source)
SHARE Research Release Events (Consumer)
SHARE Registry Layer

- Source
- Consumer
- SHARE Notification Service
  - Reports
  - Notifications
- SHARE Registry
SHARE Registry & Discovery Layers
Who Benefits?

Researchers
Universities
Funding Agencies
General Public & Industry
“One huge problem we face is finding out what faculty are up to in terms of publications, presentations, and collaborations. SHARE will leverage our work in tracking faculty productivity.”

Gloria Waters
VP & Associate Provost for Research
Boston University
“SHARE can potentially reduce our metadata harvesting effort by a lot. SHARE will provide a single nexus point for metadata from many different *types* of sources to be aggregated.”

Vika Zafrin
Institutional Repository Librarian
Boston University
SHARE & Other Community Initiatives

CHORUS
ORCID
CrossRef
International
What about...

Data?

Author Rights?
Questions?

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