
Placing the IR within the user's workflow

Connecting Hydra-based
repositories with Zotero

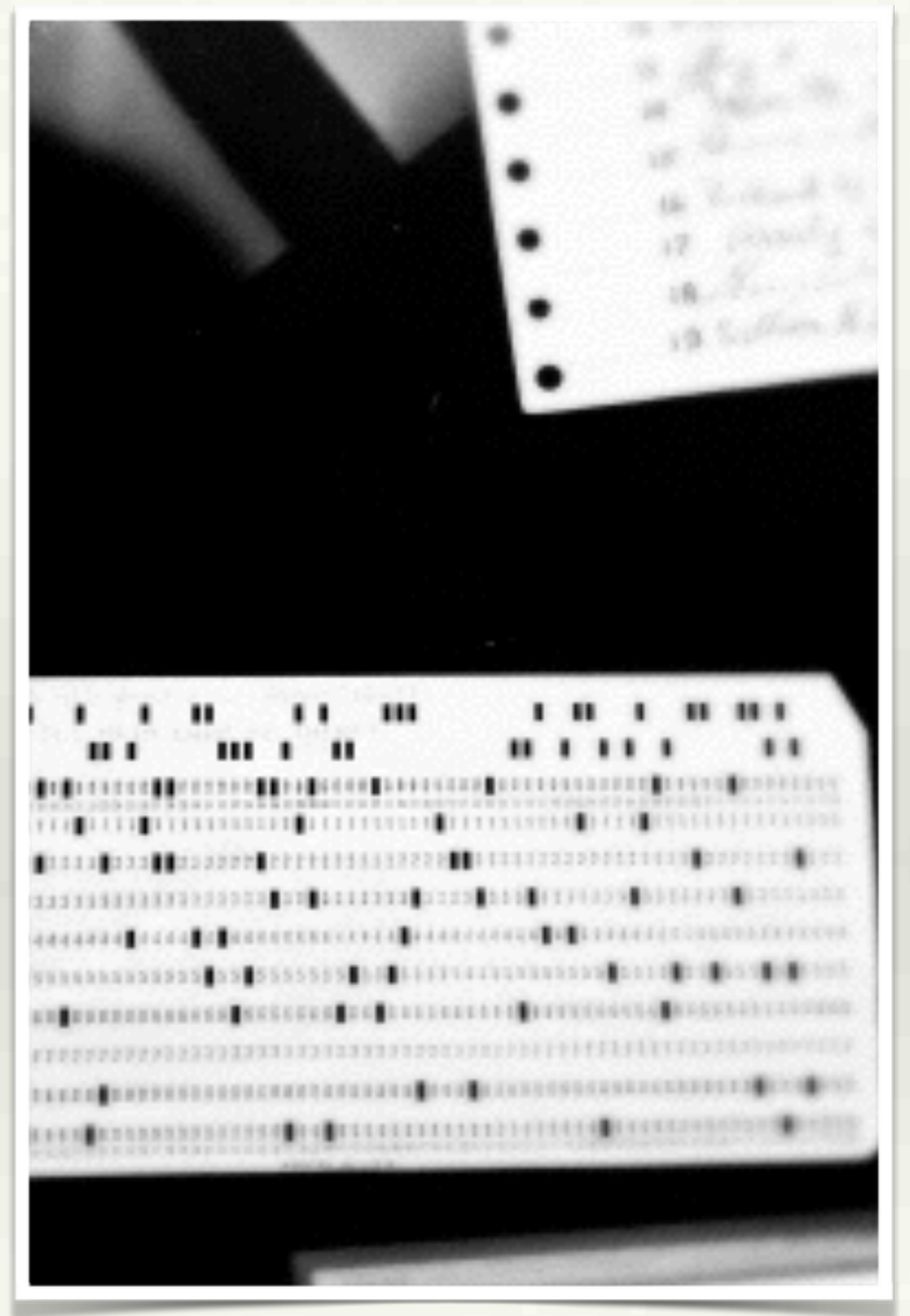
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Project overview

Two phases -- funded by the
Andrew W. Mellon Foundation

Phase One: 2012 - 13

Phase Two: 2014 - 16



Project overview

Phase One:

- ❖ Researching the scholarly workflow
 - ❖ Web based survey
 - ❖ Ethnographic interviews
- Humanities, Social Sciences, Sciences



Project overview



Project overview

Phase Two (Year one, 2014-15):

- ❖ Build deposit connection between ScholarSphere (IR) and Zotero
- ❖ Create discovery options within Zotero
- ❖ Begin testing Zotero / ScholarSphere connection

Project overview

Phase Two (Year two, 2015-16):

- ❖ Deposit / discovery between Zotero / ScholarSphere fully operational
- ❖ Humanities user interviews
- ❖ Public repository of open source software

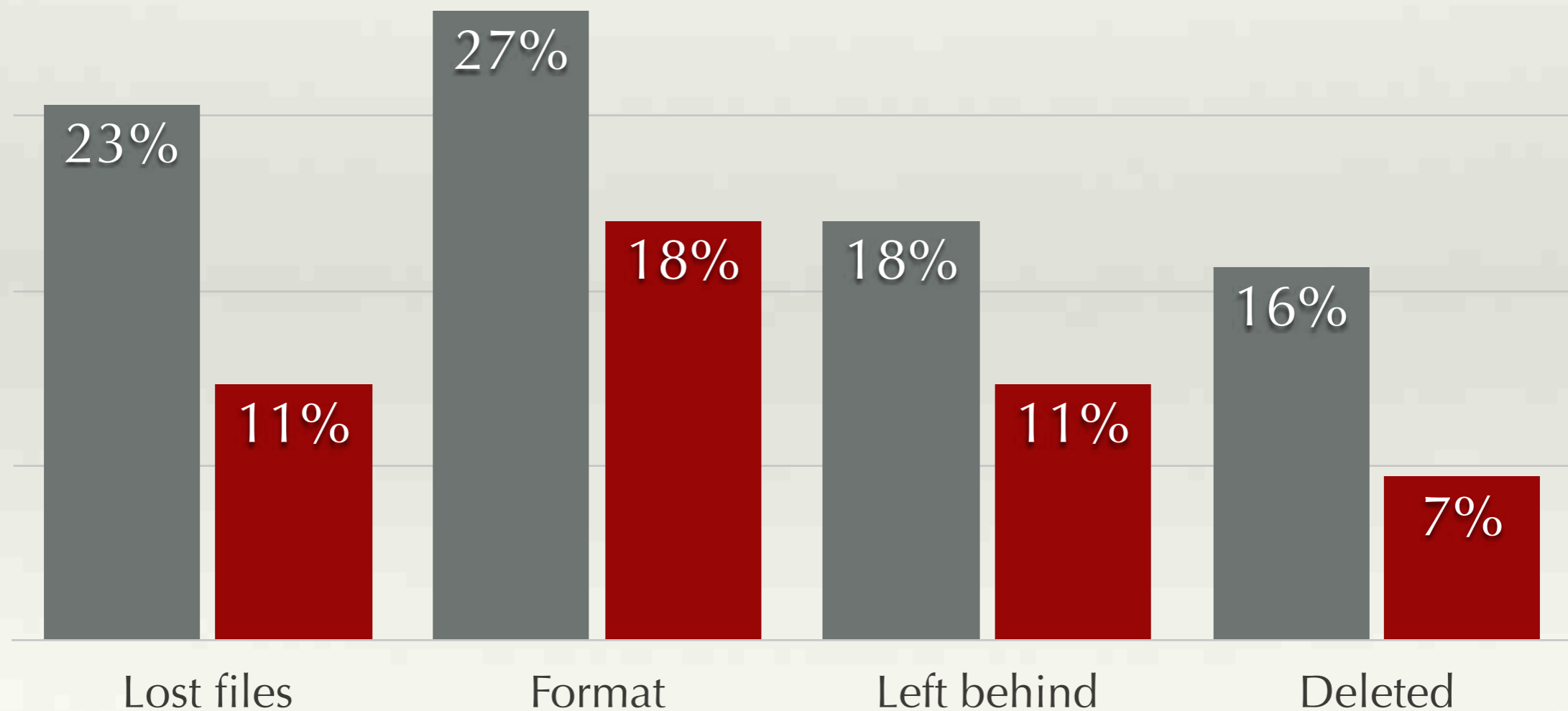
Focus on...

Humanities users

Addressing preservation and sharing of research data and outputs

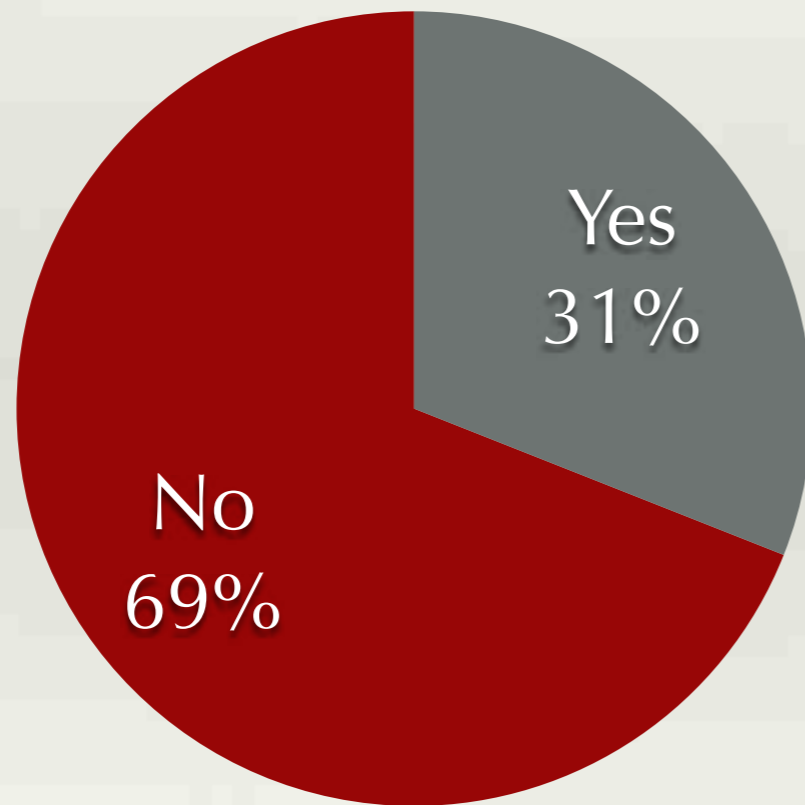
Inaccessible files

■ Humanities ■ Sciences

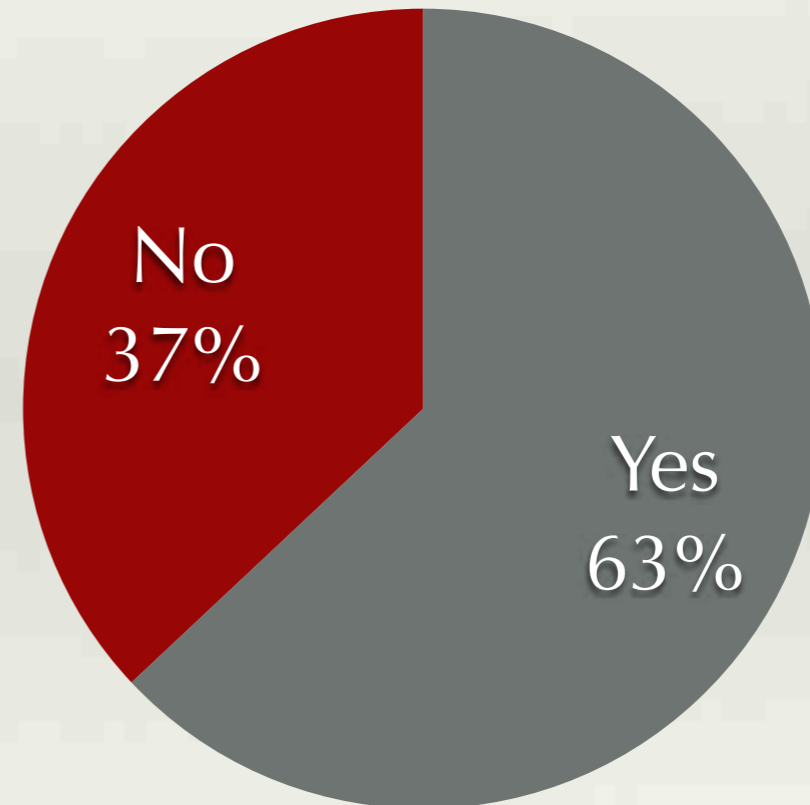


Data sharing

Humanities



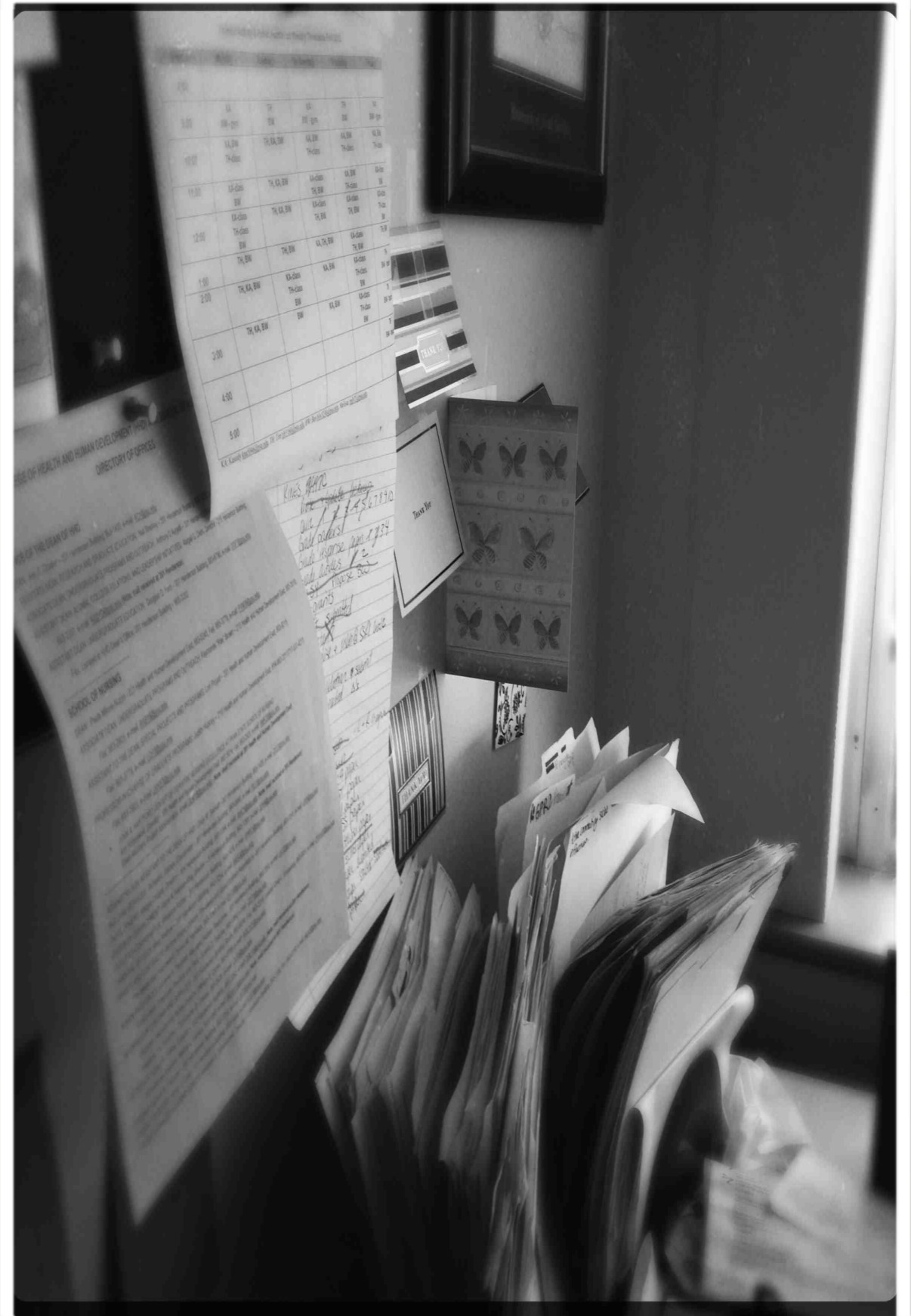
Sciences



“I used to be better
at organizing, ...

..., and it became this volume of stuff. And I had a complete breakdown of my organization system.

In my not so long ago past, it was open the file drawer and here's all the materials used for some particular study. Things are now online.”



“Unless there is some obvious reason to share the data, ...

..., I don't see any benefit in doing so; I don't want someone to re-analyze it and then publish it.

I want them to know as much as I want to tell them about the dataset, not enough that they could make something better or different.”



Adapting the humanities researcher's workflow

- ❖ Acknowledge disciplinary differences—reflect in technical architecture and user experience (where / how do the users work?)
- ❖ Mitigate loss of information—building [easy] archiving strategies into the workflow
- ❖ Facilitate good data / research sharing practices
- ❖ Unite familiar tools and practices
- ❖ Integrate search and retrieval



A user scenario

Zotero / ScholarSphere
integration workflow

- * User opens Zotero, logs into account
- * Zotero searches catalogs for author matches (by name, ORCID, etc.)
- * Zotero creates MyPublications folder and populates with claimed publications
- * User claims publication from list of possible matches

- * Zotero begins integration with Hydra-based IR
- * User chooses affiliation from drop down menu
- * Zotero offers option to store MyPublications in IR --
user accepts
- * Zotero opens institutional web access window, user
logs in with credentials

- * Modified IR window opens listing claimed publications
- * User confirms publications for deposit into IR
- * IR produces deposit agreement, presents visibility & copyright options
- * IR confirms user choices & successful deposit -- user returned to Zotero library

Future development of ScholarSphere

Integration of tools - trending for Hydra

- ❖ ORCID, more cloud services

Other kinds of workflow support

- ❖ Mediated deposit
- ❖ Deposit of multiple files for one item record
- ❖ Large file deposits

For Hydra repos in general

- ❖ UX, research data, improved understanding of collections and sets

Thank you!

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