



# E-PUBLISHING PORTAL: A NEW APPROACH TO FACULTY OUTREACH

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## ABSTRACT

Recent journal price increases and state-wide budget cuts have forced librarians at the University of Maryland (UMD) to make outright cancellations to journals. The implementation of an in-house system for preserving scholarly work of faculty was made necessary not only because of budgetary stringency, but also due to the ongoing "scholarly communication crisis", the recognition that the library system needs to be changed, and the need for archiving e-journal content. The result was the creation of the Digital Repository at the University of Maryland (DRUM). This poster aims to identify issues encountered during the design process of a digital repository and suggests possible solutions. The main elements of the service are outlined, outreach methodologies are discussed, and faculty concerns are addressed.

## INTRODUCTION

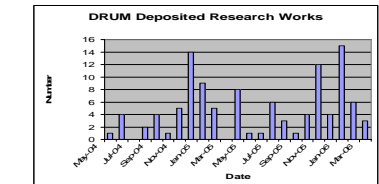
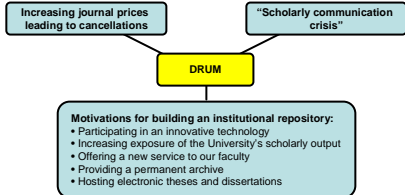
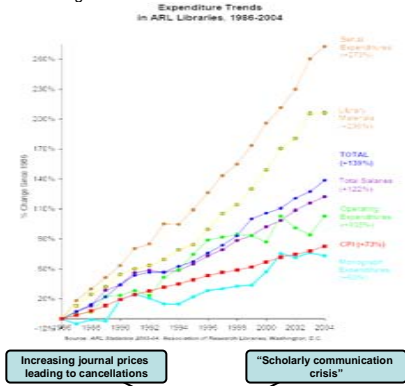
### The University of Maryland

The University of Maryland is one of the top 20 public research universities in the United States with 2862 full-time and 812 part-time faculty.



### Why Was DRUM Created?

#### Publishing Trends



## STATEMENT OF THE PROBLEM

If we build it, will they come?  
 How to increase faculty awareness in depositing their scholarly work into DRUM?

## IMPLEMENTATION PROCESS

### General Working Procedures

#### 1. Administration



<b>Project team:</b> one or more faculty members from outside the libraries	<b>Dean:</b> guides the collecting scope and overall mission
<b>Leader</b>	<b>University Library Council</b>

#### 2. Content and submission

Only UM faculty members can deposit to DRUM. The repository accepts a wide variety of text, image, audio, and video file formats, including pdf, html, gif, jpeg, wav, and mpeg.

#### 3. University of Maryland Libraries Responsibilities

- Permanent hosting of the deposited material
- Indexing of material based on metadata provided by contributors

### General Technical Implementation

#### 1. Software

- Considerations in selecting DSpace:
- Complete package - no development required; quick to implement
  - Open source (free) with a well organized user community
  - Can run on SUN platform

#### 2. Hardware

Experimental Machine	Public Server Machine
Sun V240 server	Sun Enterprise 3500 Solaris v. 8
2.1GHz UltraSPARC IIII cpus	6.400 MHz UltraSPARC II cpus
1 MB cache for each cpu	3 x 18 GB FCAL, 4x9x36 GB T3
2 GB RAM	4mm tape drive
2.36 GB drives	

## ISSUES DURING THE DESIGN AND IMPLEMENTATION PROCESS

### Technical Support



- Self-service deposit model to minimize the level of staff effort required
- Ease of use is important for faculty buy-in
- Persistent URLs

**First steps:** Integrate the registration process with the first-time login by authenticating and authorizing via the campus LDAP directory. The process confirms faculty status and department affiliation in addition to creating a user record in the DSpace system. This allows the depositor to submit content the first time she/he logs in without a separate manual registration process.

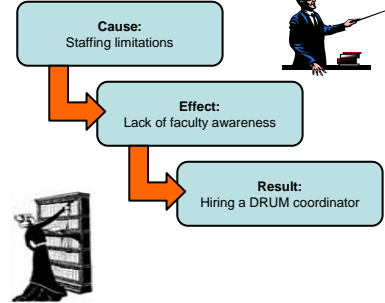
### Copyright and Peer Review Concerns

- "Putting my work on a website is the same as open access."
- "I can't publish a piece that I've put in an open access repository." (Or, conversely, "I can't post a piece that has been published.")
- "Anytime I sign a copyright agreement, I give up all my rights to the work."
- "Publishing a piece in an open access source is completely free."
- "Scholarship in open access repositories is bound to be viewed skeptically because there is no peer review."

## CONCLUSIONS

The environment of open access which led to the birth of digital repositories in academic research institutions imposes new changes not only in the publishing industry, but in librarianship as well. Not only this but this environment imposes new rules for scholarly communication and the future is unpredictable in the success of the new service. However, we encourage the research community to follow today's publishing trends. We advise the implementation of the changes to occur the quickest possible way and go a step further by educating the potential users to embrace the new service.

## Education of Faculty



### Librarians' Role in the New Environment

- Be technologically savvy
- Have an understanding of metadata
- Provide Collection development guidance
- Review submissions for quality of content and metadata consistency
- Instruct faculty members to use the digital repository

### Outreach Methodologies

Media	In Person
<ul style="list-style-type: none"> <li>E-mail messages</li> <li>Newsletter</li> <li>Postcard mailings</li> <li>Press releases</li> <li>Brochures</li> <li>Fact sheets</li> </ul>	<ul style="list-style-type: none"> <li>Training workshops</li> <li>Work with individual faculty</li> <li>Utilize library subject specialists/faculty liaisons</li> <li>Targeted messages to department heads</li> <li>New faculty orientation program</li> <li>Develop communication calendar</li> </ul>

## FUTURE PLANS

- Hiring a DRUM coordinator
- Newsletter
- Surveys, e-mails, one-on-one meetings, open houses
- Train librarians to instruct faculty how to use digital repository

## REFERENCES

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