

# **GALILEO's Next Leg: Knowledge Repository Proposal**

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**Regents Academic Committee on Libraries (RACL)  
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Georgia Archives**

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# **What is an Institutional Repository?**

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IR's preserve the intellectual output of a University, Department, or Campus Organization; they also increase access to and expand the visibility of the university's scholarly out put.

# Why do we need an IR?

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- Showcase and preserve scholarly output and historic documents
- Allow faculty to self archive post prints, preprints (and extra materials)
- IR's can be used to support teaching and learning
- IR's provide a stable environment for the preservation of born digital materials

# Just what goes into an IR, anyway?

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- Pre-Prints
- Post-Prints
- Working Papers
- Datasets
- Supplementary Materials
- Learning Objects
- Other Stuff...

# Who else is doing this

**TRSpace**

University of Rochester

A private university established 1850



**KnowledgeBank**

UNIVERSITY LIBRARIES AND OFFICE OF THE CHIEF INFORMATION OFFICER  
**OHIO STATE**

**SMARTech**  
Scholarly Materials And Research at Georgia Tech

**Portfolio @ Duke**



**MBLWHOI LIBRARY**

Marine Biological Laboratory  
Woods Hole Oceanographic Institution

# What else can an IR do?

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**Trends**

# IR @ Georgia Tech

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**<http://SMARTech.gatech.edu>**

# IRs @ GSU



## Electronic Theses and Dissertation Database

[Library Home](#) | [Library Catalog](#) | [ETD Home](#) | [Browse ETDs](#) | [Search ETDs](#) | [ETD Resources](#)

### Search Georgia State's ETD Collection

#### [Browse by Author](#)

Browse through the database of available ETDs.

#### [Search the ETD-Database](#)

Search the database of available ETDs.

### Submit Your ETD

*A username and password is required*

#### [Log Into the ETD Server](#)

Submit a new ETD or modify a previously uploaded ETD.

#### [ETD Help](#)

General and page-specific information for authors using the submission process to add their ETD to the database.

### Administer ETDs

*A username and password is required*

#### [Review Submitted ETDs](#)

Review, modify, delete, and approve submitted ETDs.

#### [Manage Available ETDs](#)

Modify, delete, and change the availability of available ETDs.

#### [Manage Withheld ETDs](#)

Modify, delete, and release withheld ETDs.



# IR @ UGA

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## Existing IR content at the UGA Libraries:

- **Electronic Theses and Dissertations**  
Almost 2,500 ETDs since summer 1999
- **UGA SACS Compliance Documents Database**  
More than 1,800 annual reports, self studies, policies, and other documentary evidence digitized and aggregated 1999-2000 to support the accreditation process

# IR @ UGA

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## Institutional Repository Group:

- **Charge:** Investigate and make recommendations on key issues associated with the establishment of an IR at the UGA Libraries
- **Progress made:**
  - DSpace pilot installation
  - UGA Web Study completed
  - Content guidelines and preservation policy in development
  - Metadata guidelines in development in collaboration with other institutions
  - Selecting DSpace testbed data from Web Study



# MCG Tommorrow

## IR Content Areas

1. Research themes (*Office of Clinical Investigative Services / Research Administration*)
  - Cancer
  - Cardiovascular health
  - Diabetes
  - Inflammation & Infection
  - Neurological disorders

Improved Patient Care  
-- Complex & Unusual Cases --  
Collaboration & Interdisciplinarity
2. Medical Illustrations (*School of Allied Health Sciences*) /  
Medical Images (*Video & Instructional Design*)
3. ETDs (*Schools of Graduate Studies, Nursing, Allied Health Sciences*)
4. Consumer Health (*MCG Health System, Children's Medical Center, MCGHI*)
5. Technology transfer (*Life Sciences Business Development Center*)
6. Policy-based restricted area (*Clinical Information Services / Client Services / MCGHI*):
  - EB interface to the EMR (Private health information)
  - Legal materials / depositions



# MCG Today

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## Selected Systems in Place

### *Research Administration:*

InfoEd

Misc. Studies Information Database

Grant & Funding Management Database

Intellectual Property Management Database

### *Institutional Research:*

IFL / Faculty Information System

Institutional Research Information System (IRIS)

PUBS, Publication Management System

# **GALILEO Knowledge Repository Proposal**

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## **Origin of the concept:**

- RACL Executive Committee (Aug. 2004)
- GKR Funding Proposal (Sept. 2004)

# **GALILEO Knowledge Repository Proposal**

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## **The Problem:**

- A significant portion of the USG's intellectual product never appears in a permanent printed form
- Lack of stewardship for scholarly output in digital form
- Lack of access to much of the scholarship generated by faculty, staff, and students

# **GALILEO Knowledge Repository Proposal**

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## **Rationale for a shared repository:**

- Increase USG visibility and prestige through global exposure to its digital scholarship
- Provide stewardship of the least permanent element of the USG's intellectual product
- Promote efficiency by maximizing the utility and longevity of an existing investment of higher education dollars
- Demonstrate the effectiveness of USG institutions and their faculty for assessment and accreditation purposes through enhanced access to their scholarly output

# **GALILEO Knowledge Repository Proposal**

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## **Rationale for a shared repository:**

- Promote information sharing among the 34 USG institutions, and promote learning among the citizens of Georgia, at large
- Provide a platform for open access scholarship as an alternative to expensive print journals that place escalating pressure on library budgets
- Create an outlet for new forms of digital scholarship
- Promote sharing of learning objects to enhance teaching and productivity



# **GALILEO Knowledge Repository Proposal**

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## **Distributed model:**

- Populate IRs at GSU, Georgia Tech, and UGA (initial building blocks)
- Aggregate metadata into a union database
- Gain experience toward IR hosting and maintaining the central database

# **GALILEO Knowledge Repository Proposal**

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## **Shared service model:**

- Centrally hosted software/hardware
- Locally managed content and rights management

# **GALILEO Knowledge Repository Proposal**

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## **Developing Shared standards:**

- Metadata
- Preservation
- Rights management
- Other key components of IR work

# **GALILEO Knowledge Repository Proposal**

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## **Progress:**

- Proposal submitted to OIIT Library Services on Sept. 13, 2004 (not yet funded)
- IR Metadata Group
  - Advanced Learning Technologies Group (BOR)
  - Georgia Southern University (soon)
  - Georgia State University
  - Georgia Tech
  - Medical College of Georgia
  - University of Georgia
- Individual IR programs in development

# **GALILEO Knowledge Repository Proposal**

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**Questions/discussion?**