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## Information Technology and Society Research Lab

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# **ITS Research Lab**

An ACIST-TRIF (formerly Prop 301)  
2004-2005 Initiative

SIRLS, UA, Aug. 25, 2004



# Information Technology & Society Research Lab

1. Values, Genesis & Development

2. Composition (Who we are)

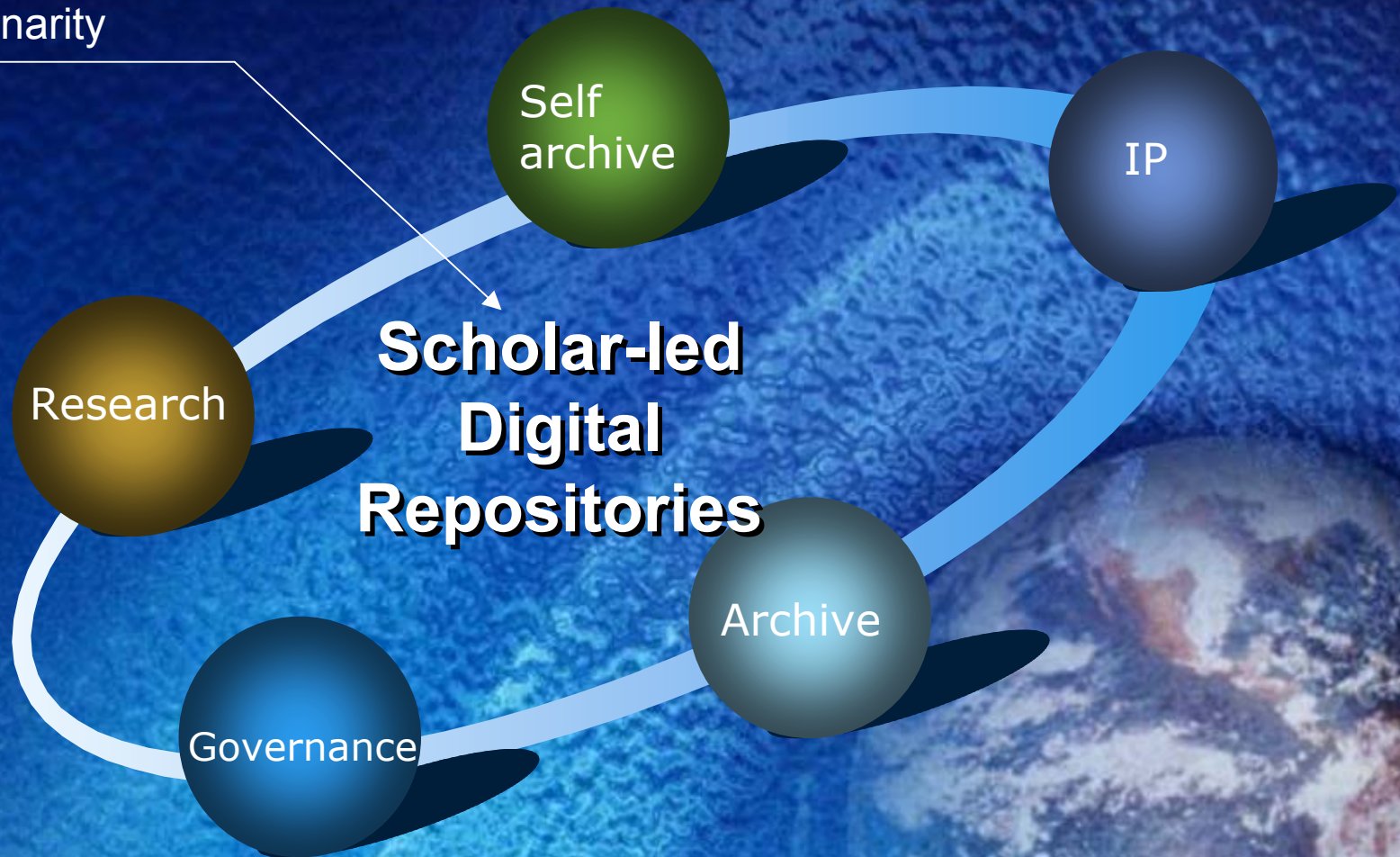
3. What You Can Do

4. Acknowledgments & References



# ITS Research Lab – Values

Open Access, Community (source & content) development, Human augmentation (HCI), Interdisciplinarity




Welcome to DLIST - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media AutoFill Options luhn indexing

Address http://dlist.sir.arizona.edu/

Google luhn indexing Search Web PageRank 258 blocked AutoFill Options luhn indexing



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## Digital Library of Information Science and Technology

Search the Titles, Abstracts and Keywords

[Browse](#) Browse the archive by [Subject](#) or [Year](#).

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[Advanced Search](#) Search the archive using a more complex range of fields.



[Registered Users Area](#) Registered users may submit items to the archive.

[Register](#) Register for an account (or reset a forgotten password).

[Subscribe](#) Subscribe to the DLIST listserv and get email alerts.



The DLIST Archive is a service of the [School of Information Resources and Library Science](#) and [Arizona Health Sciences Library, University of Arizona](#). Seed monies for DLIST are from the University of Arizona College of Social and Behavioral Sciences and the Proposition 301 funded initiative of the [Internet Technology Commerce and Design Institute](#). DLIST is running on *EPrints2* archive-creating software, which generates eprints archives that are compliant with the Open Archives Protocol for Metadata Harvesting OAI 2.0.

**Contact Details:**  
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 PI: [Anita Coleman](#)

start u.arizona.edu -... Welcome to DL... Google Search:... Calendar - Mic... Microsoft Powe... proposal Adobe Acrobat ... submitted - Mic... Internet 7:53 AM



# Goals

*“We will establish a DLIST test environment, conduct research about the cultural/social norms and conventions in the IS/IT disciplines, and foster synergistic teaching and service activities that build the intellectual commons and positively impact interdisciplinary scholarly communication.”*

# ITS Research Lab – Development

## Phase 1

1. DLIST
2. Informal Partners & Policies
3. Outreach
4. Internship
5. Advisory Board

## Phase 2

1. Planned Architecture
2. Funding
3. Formal Partners & Policies
4. Testbed
5. Services

## Phase 3

1. Framework for the future
2. ITS Disciplines
3. Identifying IT
4. Studying use and users
5. Pilot data



# Current ITSRL Composition



Graduate students since inception: *G. Gupta\**, *Yu Su*, *S. Karthik\**, *S. Nelson*, *J. Caldwell*, *D. Lehman*

Interns: *W. Hornbaker (IP)*, *Youfen Su (Collection & Metadata)*

Liaisons: *A. Slavic* and *M. I. Cordeira (EU)*

SIRLS, UA, Aug. 25, 2004



# What You Can Do

1. Self-archive in DLIST – <http://dlist.sir.arizona.edu/>
2. See if DR are an IT that you can use 1) Teaching 2) Research 3) Service
  1. Examples: IRLS 589, Webmetrics study, repository for NSF-funded DLs
3. Participate and Advise re the ITS RL Goals for 04-05
  1. Goal 1: Increase collection size and community size
  2. Goal 2: Formalize affiliations with ARL, ALISE, SHERPA
  3. Goal 3: Build the DLIST testbed for research
    1. Automated metadata generation
    2. Harvesting, Focused crawling, Federated searching
    3. Rights (CTA)
    4. Social informatics (pilot study of DR user and usage data)



# Acknowledgements

Prop 301 funding – Diana Archangeli, SBSRI

Brooke Sheldon – Former SIRLS Director

Gary Freiburger – AHSL Director

Numerous other participants and well-wishers

- Advisory Board – Robert Williams, Birger Hjorland, Chris Khoo, Rachel Bowers
- Peter Suber (Earlham)
- UA folks - Chen (MIS), GROW (College of Engineering)
- Outside UA – NSDL EIESC folks (MatDL, DLESE, MathForum)

GRAs and Interns

SIRLS students (through Coleman's courses)



# Selective References

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# Publications

- Coleman, A. Use of Citations and Links in Online Teaching Materials. Forthcoming (Accepted). *Journal of the American Society for Information Science and Technology*
- Coleman, A., \*Bracke, P., and \*Karthik, S. 2004. Integration of Non-OAI resources for federated searching in DLIST, an Eprints repository. *D-Lib Magazine*, 10 (7/8): July/August. Available online. URL: <http://www.dlib.org/dlib/july04/coleman/07coleman.html>
- Coleman, A. and \*Bracke, P. 2003. DLIST: Building an International Scholarly Communication Consortium for Library and Information Science. In *Mapping Technology on Libraries and People*, Edited by T.A.V. Murthy, et al. New Delhi, INFLIBNET, 2003. Also published in *Proceedings of the First International Conference on Library Automation in Education and Research Institutions, CALIBER 2003*, Ahmedabad, India, Feb. 13-16. Available in three formats: Paper, CD-ROM, and [online](#).



# Productivity (prior to lab inception)

## Research productivity:

1. Number of peer reviewed journal articles published: 3
2. Number of conference presentations: 5
3. Number of posters: 4
4. Number of colloquia: 1
5. Number of external grant proposals submitted: 1
  - Status: Rejected, requested approx. \$ 400,000, NSF NSDL 2003 program
6. Number of special issues (on Digital Repositories) in press (Forthcoming, accepted): 1
7. Number of articles in progress: 2

## Teaching productivity:

1. Number of semesters in which DLIST has been used in teaching: 4 (since 2002 fall)
2. Number of courses in which DLIST is currently used regularly: 4 (1 undergraduate and 3 graduate SIRLS courses)
3. Number of internships with DLIST available per year: 4
4. Number of individual studies supervised in this area: 1
5. Number of interns: 1
6. Number of students who have been taught and trained to use DLIST: ~ 200
7. Number of faculty to whom DLIST has been demonstrated: ~ 30 SIRLS faculty, UA Library Scholarly Communication team, Eller College and College of Engineering faculty