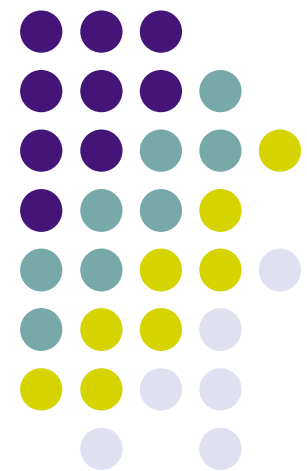


# Open Access in Practice

---

George Machovec  
Heather Whitehead  
Heather Morrison



XXVI Annual Charleston Conference 2006

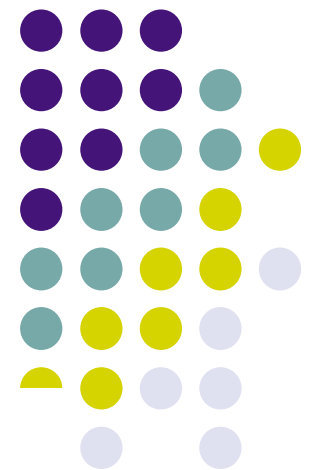
# Open Access Journals Challenges for Improved Access

---

**George Machovec**  
**Associate Director**  
[george@coalliance.org](mailto:george@coalliance.org)

The Colorado Alliance  
of Research Libraries

**Alliance**

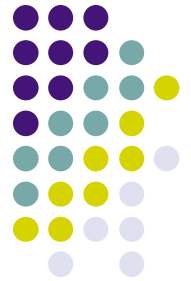




# Love Open Access

- Open access journals are not free to produce (someone pays somewhere)
- However, open access is wonderful
  - Free to the end user
  - Increased use of these titles
  - Promotes scholarly research in developed as well as third world countries

# Some Open Access Problems



- Definition of “open access” journals
- No definitive listing of titles is available
- For that matter what is the definition of a journal
- Indexing and Abstracting
- ERM challenges
- Link resolution problems
  - Article-level linking

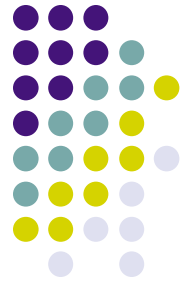
# Definition of Open Access



## Lund University – Directory of Open Access Journal

- We define open access journals as journals that use a funding model that does not charge readers or their institutions for access. From the BOAI definition [1] of "open access" we take the right of users to **"read, download, copy, distribute, print, search, or link to the full texts of these articles"** as mandatory for a journal to be included in the directory. [1]  
<http://www.earlham.edu/~peters/fos/boaifaq.htm#openaccess>
- **Quality Control:** The journal must exercise peer-review or editorial quality control to be included.
- **Research Journal:** Journals that report primary results of research or overviews of research results to a scholarly community.
- **Periodical:** A serial appearing or intended to appear indefinitely at regular intervals, generally more frequently than annually, each issue of which is numbered or dated consecutively and normally contains separate articles, stories, or other writings.

# Gold Rush Electronic Serials Mgmt System



- Created by non-profit Colorado Alliance of Research Libraries (<http://grweb.coalliance.org>)
  - Electronic Resource Management (ERM)
  - Link Resolution
  - Public search interface (A-Z)
  - Content Comparison
- Includes many of the major open-access title lists
- Collaborative building of metadata and title lists with participating libraries
- Currently has 80 different open access lists of which DOAJ is only one

# Gold Rush Staff Toolbox



Reports

Holdings

Subscriptions

Cataloging

Settings

[Reports](#) -> Open Access Journals

User: Alliance - George  
Site: DPL

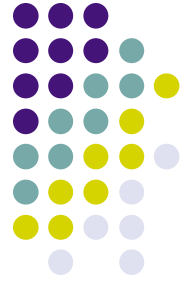
[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) [Other](#)

**Open Access Journals in Gold Rush: 5004**  
**Open Access Journals beginning with J: 673**

Download

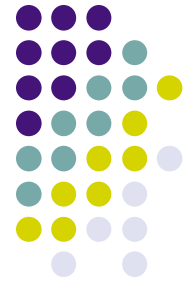
Title	ISSN	Database	Provider
Jac (Journal of Antimicrobial Chemotherapy)	0305-7453	Highwire Press Open Access Journals	HIGHWIRE PRESS
Jada (Journal of the American Dental Association)	0002-8177	Highwire Press Open Access Journals	HIGHWIRE PRESS
Jahrbuch / Deutsche Shakespeare-Gesellschaft; Deutsche Shakespeare-Gesellschaft West	0138-3841	DigiZeitschriften	DIGIZEITSCHRIFTEN E.V.
Jahrbuch der Deutschen Shakespeare-Gesellschaft West	0070-4326	DigiZeitschriften	DIGIZEITSCHRIFTEN E.V.
Jahrbuch f r Computerphilologie	1617-3465	Directory of Open Access Journals	LUND UNIVERSITY
Jahrbucher fur Kunstwissenschaft	0259-5915	DigiZeitschriften	DIGIZEITSCHRIFTEN E.V.
Jahrbucher fur Nationalokonomie und Statistik	0021-4027	DigiZeitschriften	DIGIZEITSCHRIFTEN E.V.
Jahrlche ubersicht der Thatigkeit der Gesellschaft fur Erdkunde zu Berlin	1614-1555	DigiZeitschriften	DIGIZEITSCHRIFTEN E.V.
JAMA - Journal of the American Medical Association	0098-7484	Highwire Press Open Access Journals	HIGHWIRE PRESS
JAMA CareerNet	0000-004F	Highwire Press Open Access Journals	HIGHWIRE PRESS
Janus Head	1524-2269	Directory of Open Access Journals	LUND UNIVERSITY

# OA and Digital Repositories



- Expect an exponential flood of OA titles with the growth of institutional repositories
- Digital Repositories can sometimes muddy the definition of a journal
- Libraries need to make sure that these projects:
  - Expose these new titles to search engines
  - Provide article-level linking with published algorithms (e.g. OpenURL 1.0 linking)
  - Consider contributing content to CrossRef
  - Make access policies clear

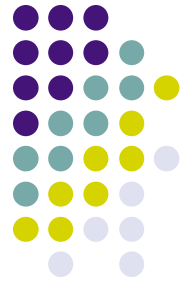




# No definitive list

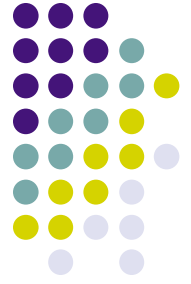
- Lund DOAJ – 2452 titles as of 11/6/2006
- Specialized lists from different organizations and specialties will include titles missed in the Lund directory. For example in Gold Rush:
  - Geoscience Open Access list created by the Colorado School of Mines has 50 titles – 38 of which are **NOT** in the Lund DOAJ

# Indexing/Abstracting



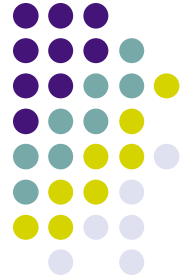
- Many OA titles are not well covered in traditional indexing/abstracting service
- This varies by discipline
- However, greater numbers being picked-up as their continuation and impact are improving

# ERM Issues

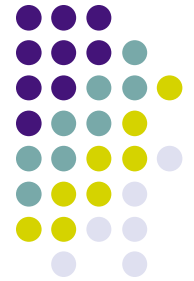


- Since these are not traditional paid for subscriptions, per se, do you want to track them in your ERMS?
  - Some open access titles are hybrid. Selected articles are free or some have a moving wall of when open access kicks in
  - Is your institution paying page or article charges to publish in an open access journal. Who is paying and should this be tracked?
  - Open access titles are still copyrighted and what limitations may exist. How do you let your patrons know?

# Access & Link Resolution



- Does the OA title allow article-level linking?
- If so, is there a published algorithm so your link resolver can drill from a source (e.g. indexing/abstracting service) to that article
- It would be good if more OA titles were included in CrossRef - provides article-level DOIs to journals
  - Many smaller publishers of OA titles may not be aware CrossRef or be able to afford inclusion



# Final Thoughts

- Be sure to include OA titles in your A-Z lists, link resolution and ERM system as appropriate to your mission
- If you are starting a digital repository follow good practices if you are hosting an OA journal title
- Encourage OA producers to get their titles included in CrossRef

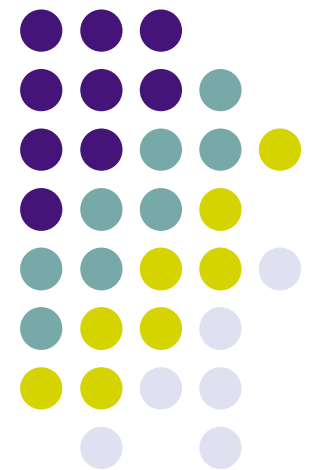


# Final Thoughts

- With the U.S. Federal Government and other governments beginning to demand that publicly funded research should have their content open access we should:
  - Encourage publishers to get their OA articles specially tagged in CrossRef as free
  - Make sure that open access projects and journals include their content in CrossRef
    - “CrossRef encourages organizations which operate institutional repositories to assign DOIs to their original non-duplicative works.”

# Enriching GoldRush with core subject Open Access journals: Motives and methods

**Heather Whitehead**

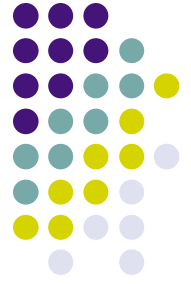




# Introduction

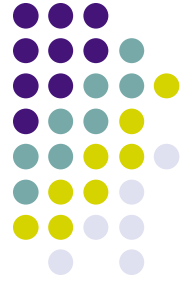
- CSM curriculum and users
- Bibliographer project
  - Collect OA titles in core subjects
- GoldRush e-journal server: CSM lists loaded
  - Geosciences
  - Applied Sciences and Engineering
  - Chemistry





# Motives

- Promote quality, overlooked journals
- Support OA publishers
- Add to GoldRush “Public Access Resources” data
- Improve OA full text links from subscribed databases
- Subject-based resource aggregation with CSM as supplier - credibility



# Methods: Criteria

- Quality
  - Peer reviewed/scholarly
  - Reputable supplier
  - Reasonable backfile
  - Content appropriate for our user community
- Accessibility
  - Stable, minimal downtime
  - No access restrictions
  - English language
  - ISSN



# Methods: Harvesting

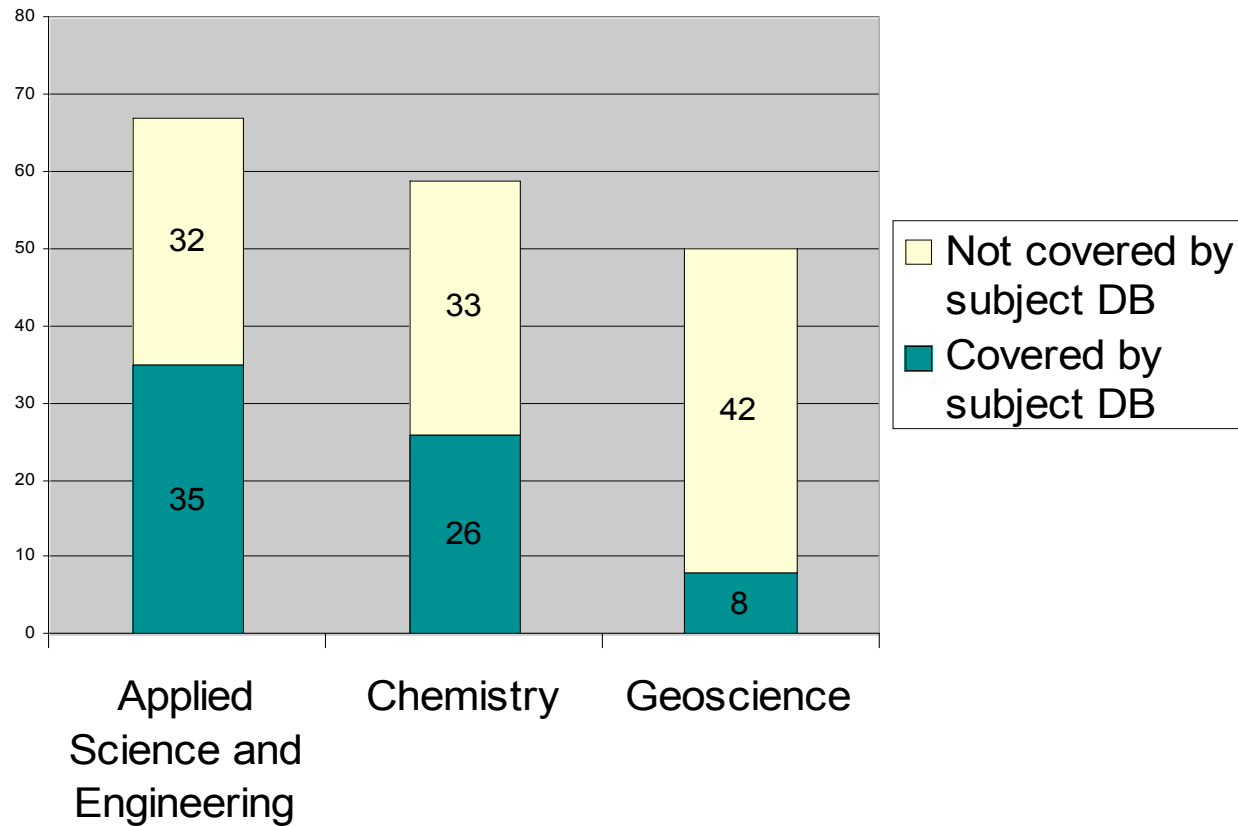
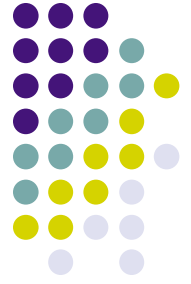
- DOAJ, BMC, Highwire Open Access, etc.
- Ulrich's
- Subject listservs
- Web searches
- Leads from literature



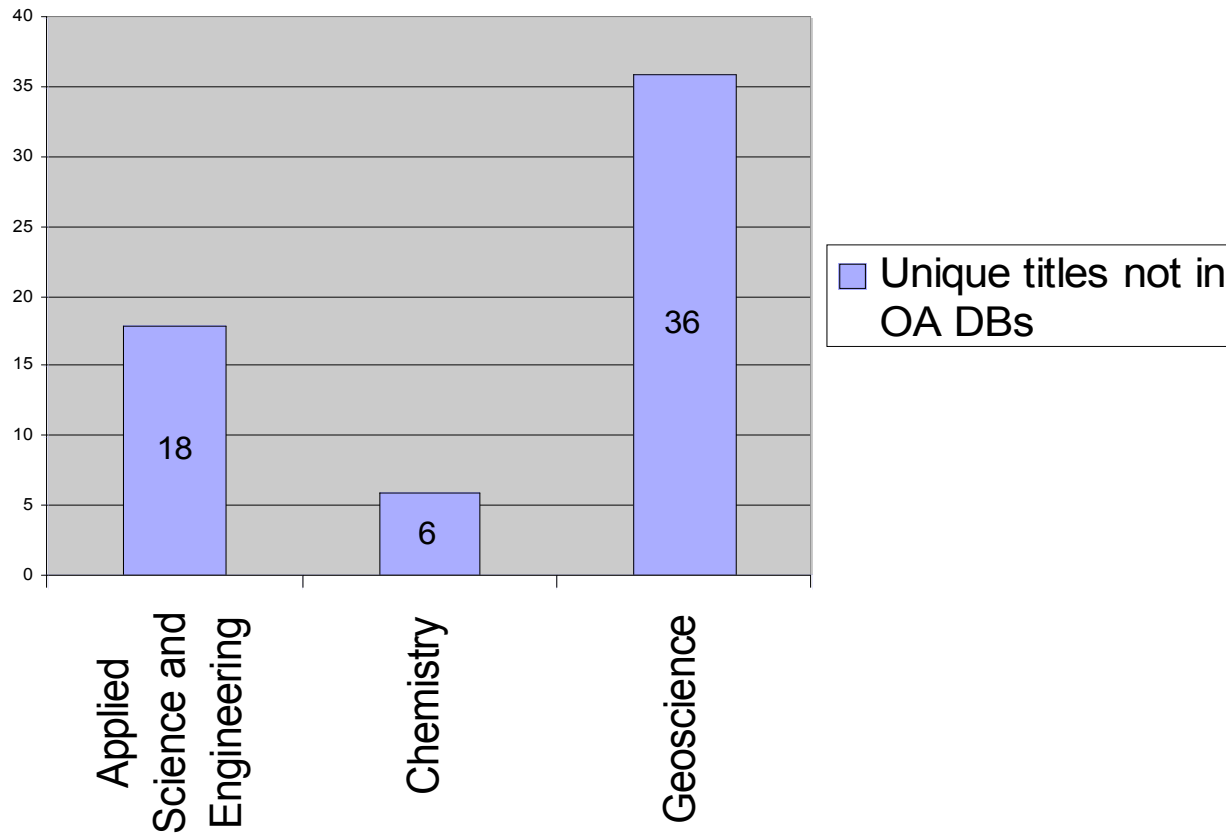
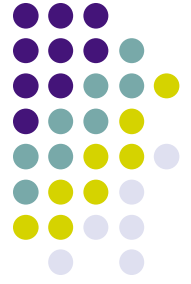
# Evaluate quality of OA titles

- Compare CSM title lists to core subject bibliographic database
  - GoldRush staff mode, **Compare 2 Databases** feature
    - Applied Science and Engineering: *Compendex<sup>®</sup>* and/or *INSPEC<sup>®</sup>*
    - Chemistry: *SciFinder Scholar<sup>®</sup>*
    - Geoscience: *GeoRef<sup>®</sup>*
- Results

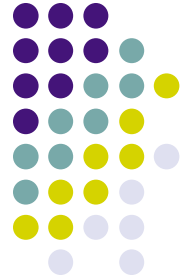
# OA title coverage in core subject databases



# Evaluate project: 60 new OA titles



# Discussion



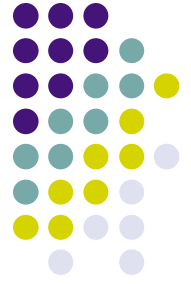
- Pattern differences
  - Geoscience
  - Applied science, chemistry



# List maintenance (~annual)

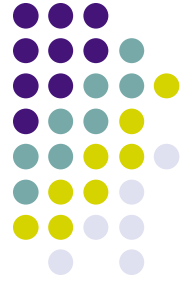
- Look for new titles
- Look for added ISSNs
- Review current titles
  - Still OA? Still meet criteria?
- Send to Alliance for upload





# Problems and issues

- Data problems – e.g., bad/mismatched ISSNs, titles not tagged OA, or tagged but not really OA
- Inconsistent naming ( “open” in database title would assist retrieval)
- “Hybrid” databases: some titles OA, some not



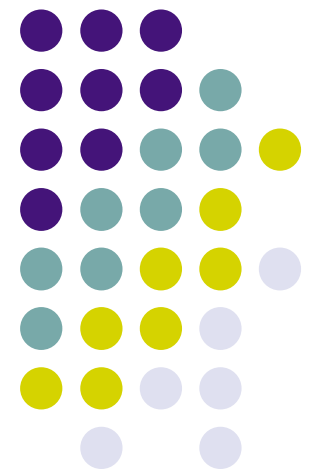
# Plans

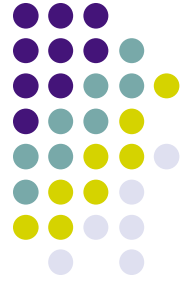
- Considering OA lists for environmental science, materials and metallurgy
- Contributions from other Alliance libraries?
- OA Conference Proceedings – is anyone collecting these?

# **E-LIS:** **the Open Archive for Library and Information Science** **<http://eprints.rclis.org/>**

---

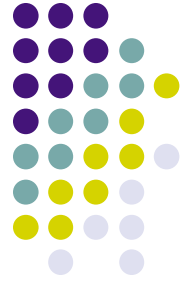
Heather Morrison  
E-LIS Editor, Canada





# What is E-LIS?

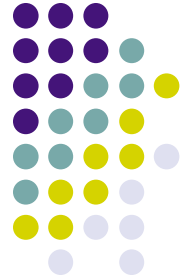
- Open access archive for library and information studies
- Free for searching and for depositing
- Over 4,300 documents
- Peer-reviewed research, conference proceedings, working papers, and more
- Charleston 2006 conference proceedings



# E-LIS Overview

- Founded in 2003
- Volunteer collaboration
- Editors from 45 countries (October 2006)
- Hosted by AEPIC Team, CILEA (Italy)
- GNU E-Prints Software Version 2.3.3
- Supports 22 languages / interface in 5 languages

# E-LIS US Team



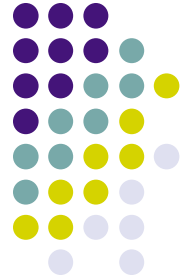
Norm Medeiros

Thomas Krichel

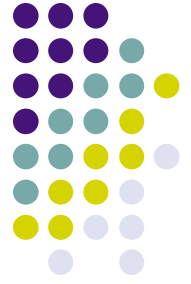
Nestor Ostorio

Contact info: <http://eprints.rclis.org/staff.html>

# Why use E-LIS for searching?



- Access to more
  - Documents
    - For many, E-LIS greatly expands access to LIS literature
    - E-LIS means access to more, even for librarians at the wealthiest libraries
  - Broader perspective – many languages, many cultures
- High quality metadata and advanced search capability



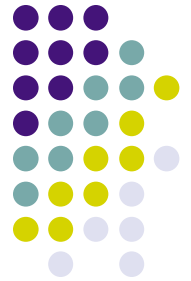
# Why use E-LIS? Authors

- Impact / citations
- Preservation
- Gather your work!
- Find your work...
  - In the office
  - At home
  - At a conference
- A URL for your article to send to anyone



# Author's E-LIS: Rick Johnson, SPARC (Scholarly Publishing and Research Coalition)

<http://www.arl.org/sparc/>





**E-LIS** E-prints in Library and Information Science  
eprints.rclis.org



The International Open Archive for LIS

---

[home](#) | [about](#) | [search](#) | [browse](#) | [register](#) | [registered users area](#) | [help](#) | [FAQ](#) | [JITA](#)

---

### Results for Simple Search

[Refine search](#) | [New search](#)

Authors/Editors matches all of "johnson,richard". Results ordered by author's name.  
Displaying results **1 to 10** of **10**. Search time: 0s.  
[Index last built at: Wed Nov 1 23:07:19 CET 2006]

Johnson, Richard K. (2006) [Will Research Sharing Keep Pace with the Internet?](#). *The Journal of Neuroscience* 26(37):pp. 9349-9351.

Johnson, Richard K. (2005) [The Open Access Policy Imperative](#). Delivered at SARC III, Williamsburg (US). Presentation.

Johnson, Richard K. (2004) [Open Access: Unlocking the Value of Scientific Research](#). *Journal of Library Administration* 42(2):pp. 107-124.

Johnson, Richard K. (2004) [Open Access: Unlocking the Value of Scientific Research](#) .

Johnson, Richard K. (2004) [The Future of Scholarly Communication in the Humanities: Adaptation or Transformation?](#) . In *Proceedings Council of Editors of Learned Journals*, Philadelphia, PA (USA).

Johnson, Richard K. (2003) [The Open Past Initiative : a discussion paper](#).

Johnson, Richard K. (2002) [Institutional Repositories: Partnering with Faculty to Enhance Scholarly Communication](#) .

Johnson, Richard K. (2001) [Whither Competition?](#).

Johnson, Richard K. (2000) [A Question of Access: SPARC, BioOne and Society-driven Electronic Publishing](#) . *D-Lib Magazine* 6(5).

Johnson, Richard K. (1999) [Competition: A Unifying Ideology for Change in Scholarly Communications](#) . *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI and SPARC*(Issue 203).

[Refine search](#) | [New search](#)

---

[home](#) | [about](#) | [search](#) | [browse](#) | [register](#) | [registered users area](#) | [help](#) | [FAQ](#) | [JITA](#)

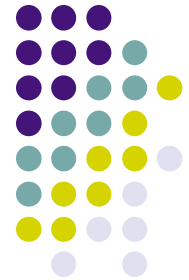
---

Send comments and questions to [E-LIS Staff](#) | E-LIS is hosted by [AEPIC](#) at [CILEA](#) | Powered by [GNU Eprints software](#)



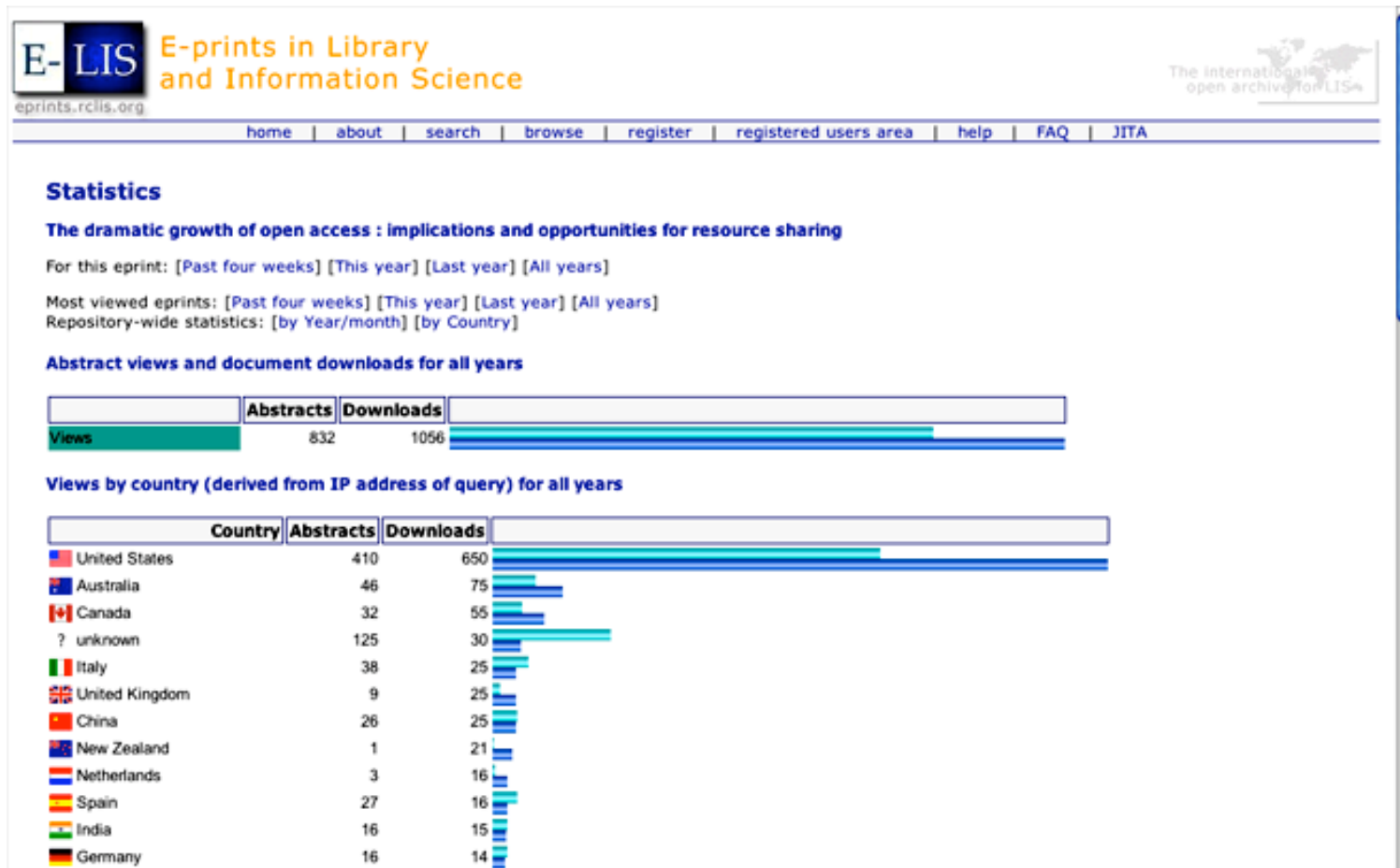
# Why use E-LIS? Authors

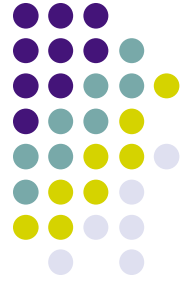
- Share your work
  - Subscriptions = unequal access:
    - City university library
    - Small-town college library
    - Rural public library
    - Library in developing country
- Evidence Based Practice
- Become an expert – so you can help your faculty!
- Download statistics



# Author stats: *The Dramatic Growth of Open Access*

Morrison, Heather (2006) The dramatic growth of open access : implications and opportunities for resource sharing. *Journal of Interlibrary Loan, Document Delivery & Electronic Reserve* 16(3). <http://eprints.rclis.org/archive/00004558/>





# Conclusions

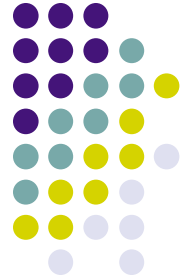
- Open Access Resources substantial and growing
- DOAJ: over 2,400 titles
- Gold Rush: 80 Open Access lists
- OAIster: close to 10 million items from over 700 repositories (not all fulltext)

# Conclusions for librarians



- We connect people and information resources
  - Some resources are purchased
  - Some resources are open access
- We build collections by selecting & preserving resources
  - We add the same value to purchased & OA resources
- We can share our own work, too

# Questions? Discussion?



This work is licensed under the Creative Commons Attribution-NonCommercial-NoDerivs 2.5 License. To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc-nd/2.5/> or send a letter to Creative Commons, 543 Howard Street, 5th Floor, San Francisco, California, 94105, USA.



# Your Speakers

- George Machovec  
Associate Director  
Colorado Alliance of Research Libraries  
(303) 759-3399 x.101  
[george@coalliance.org](mailto:george@coalliance.org)
- Heather Whitehead  
Reference Librarian  
Colorado School of Mines Library  
303.273.3681  
[hwhitehe@mines.edu](mailto:hwhitehe@mines.edu)
- Heather Morrison  
Project Coordinator  
BC Electronic Library Network  
(604) 268-7001  
[heatherm@eln.bc.ca](mailto:heatherm@eln.bc.ca)  
<http://poeticeconomics.blogspot.com>