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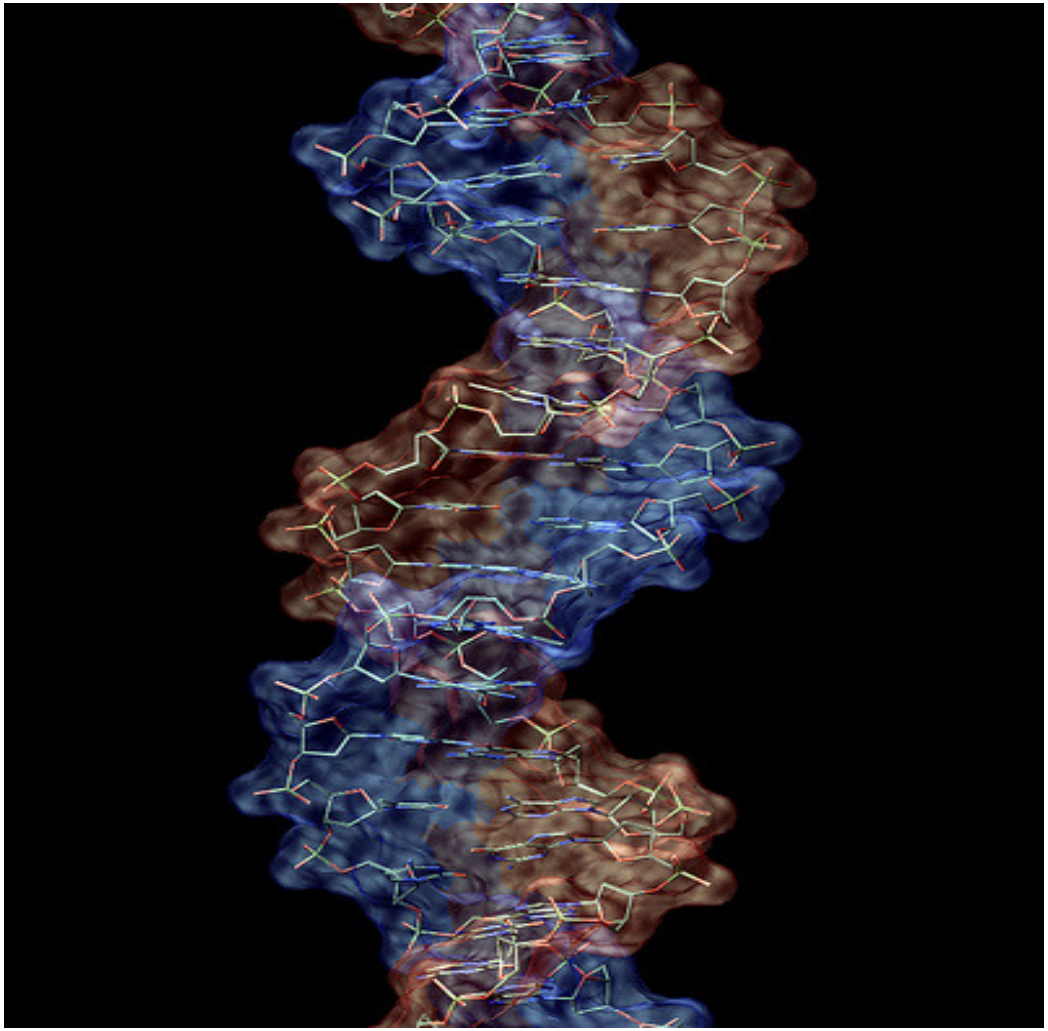
Open Access: Maximizing the Visibility and Utility of your Research

Heather Joseph
Executive Director, SPARC
Pancreatic Cancer Action Network Webcast
March 16, 2011

Science and Scholarship



“If I as a scientist go through the work of designing and conducting an experiment, but don’t tell anyone the results, what what the point of me doing the work in the first place?”

----*Keith Yamamoto*

“If you have an apple and I have an apple, and we exchange apples, then you and I will still each have one apple. But if you have an idea and I have an idea, and we exchange these ideas, each of us will have two ideas... “

-*George Bernard Shaw*

Price Barriers

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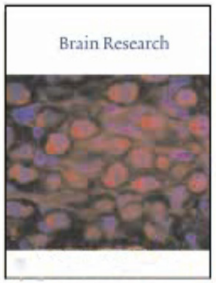
$2,155

=

$5,760



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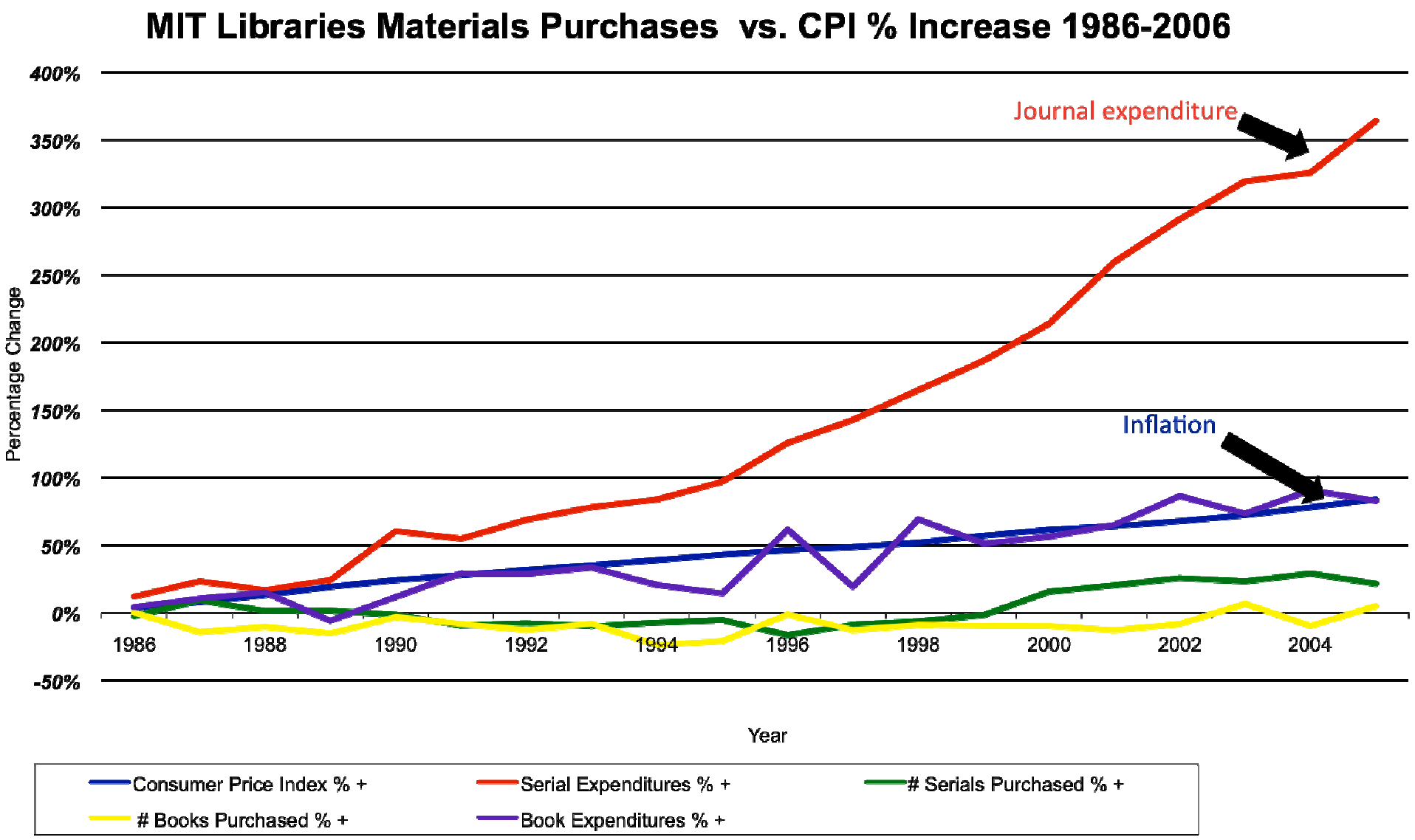
$21,744

research.org

Source: http://web.archive.org/web/20050828210650/libraries.mit.edu/about/scholarly/expensive-titles.html

Library budgets journal prices



Explosion in Scientific Discovery

Manolio, Brooks, Collins, *J Clin Invest* 2008; 118:1590-625.

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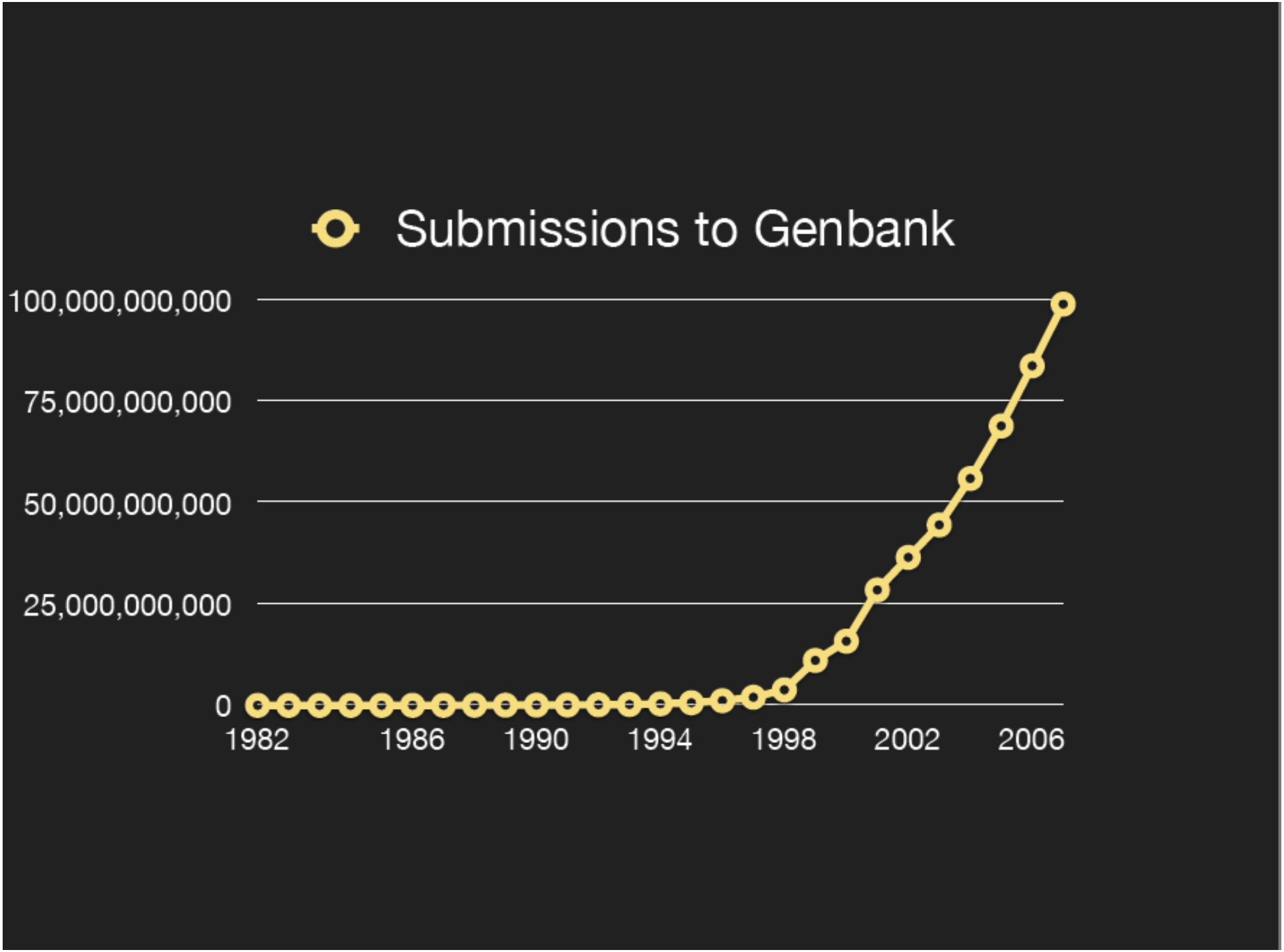
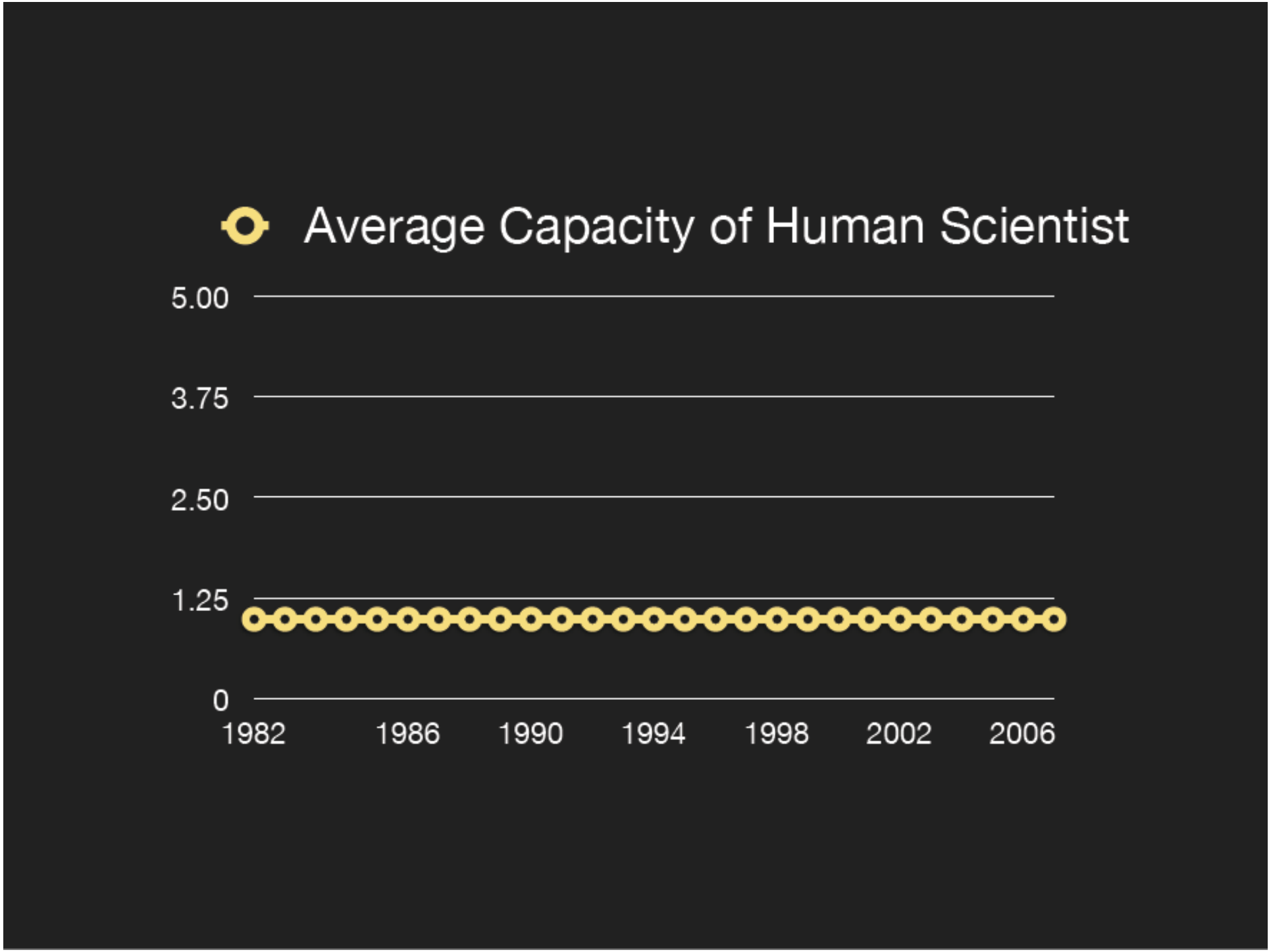
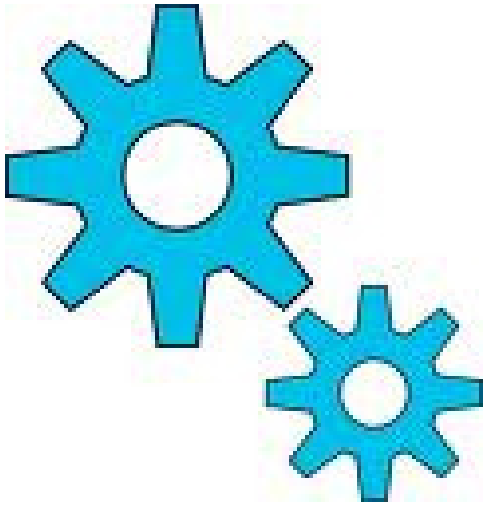

Submissions to Genbank
100,000,000,000
75,000,000,000
50,000,000,000
25,000,000,000
0
1982
1986
1990
1994
1998
2002
2006


Average Capacity of Human Scientist
5.00
3.75
2.50
1.25
0
1982
1986
1990
1994
1998
2002
2006

Doing this requires removal of barriers – pricing barriers, technical barriers (interoperability) and legal barriers (licensing rights)



OPEN ACCESS

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- The Budapest Open Access Initiative – February 14, 2002

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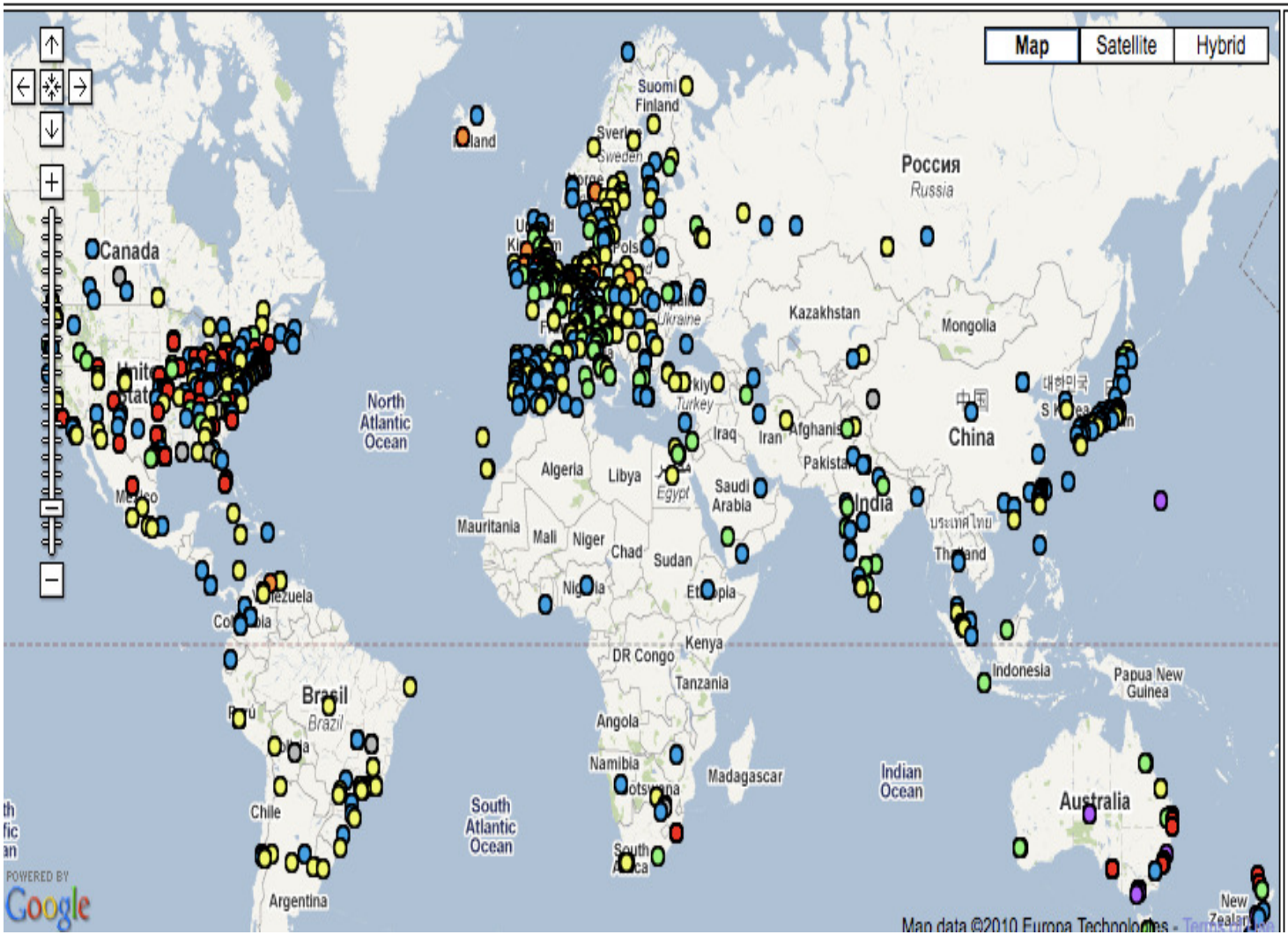

Information bar

- DSpace (480)
- EPrints (283)
- BEPress (91)
- ETD-db (36)
- OPUS (28
- Fedora (23)
- OpenRepository (15)
- Other repository (466)

(Show all)

Normal icons | Repository size icons

There are **21,500,046** items held in the 1422 repositories on this map.

Download a map for Google Earth:
>> Google Earth map <<

Data provided by: ROAR & OpenDOAR

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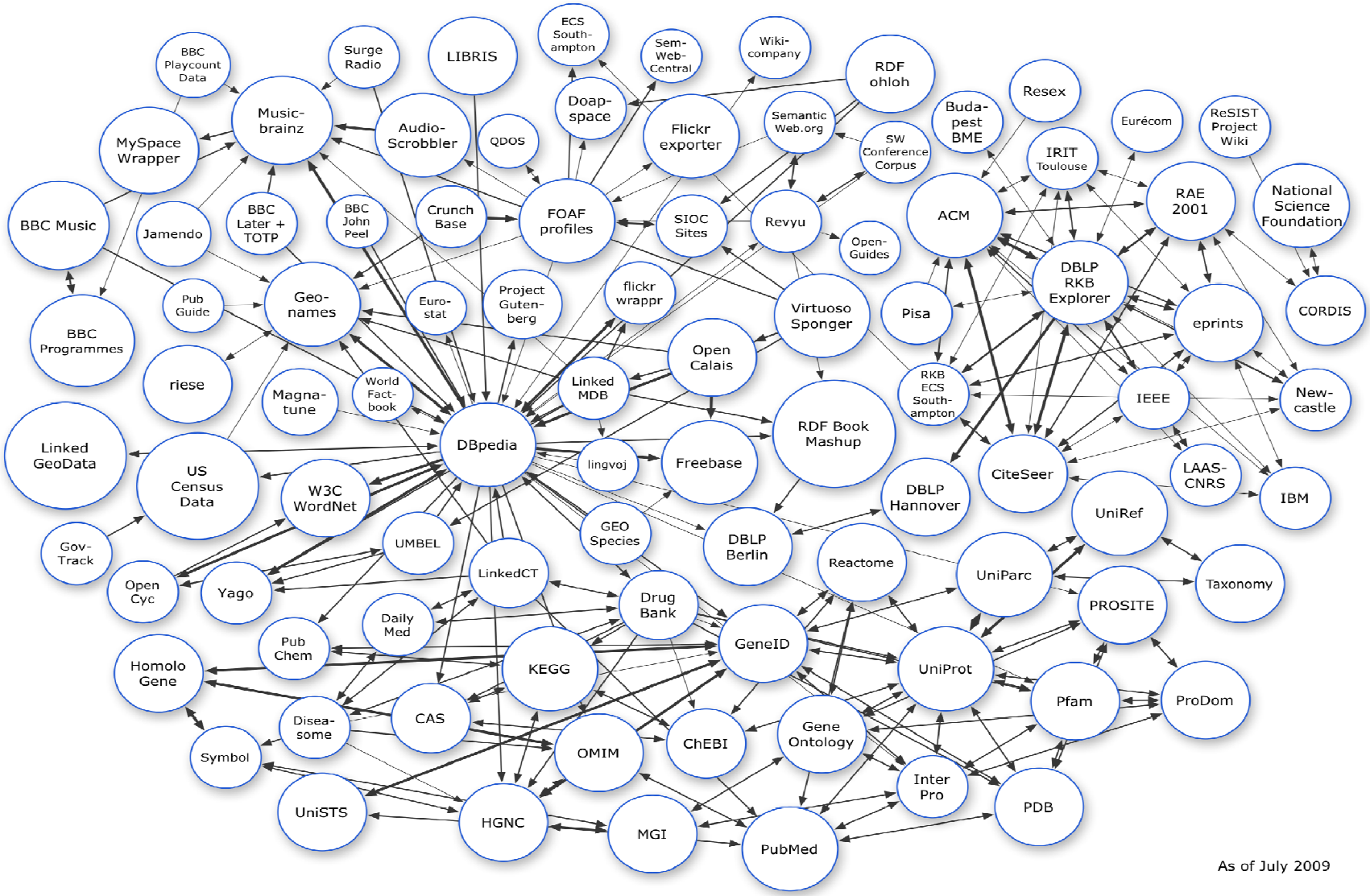
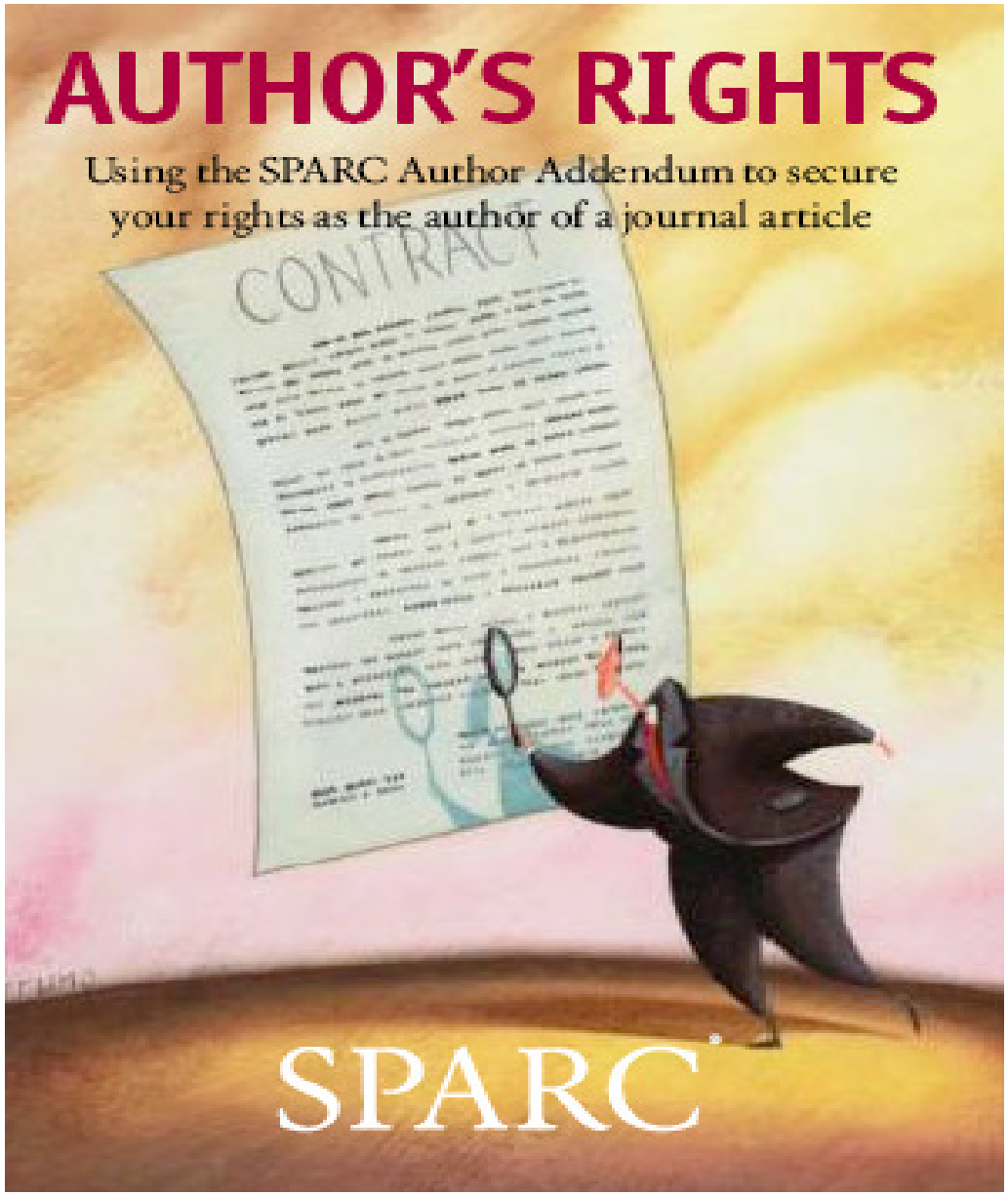
- About the maps -
- Read the Repository map mashup blog -

Open Data



As of July 2009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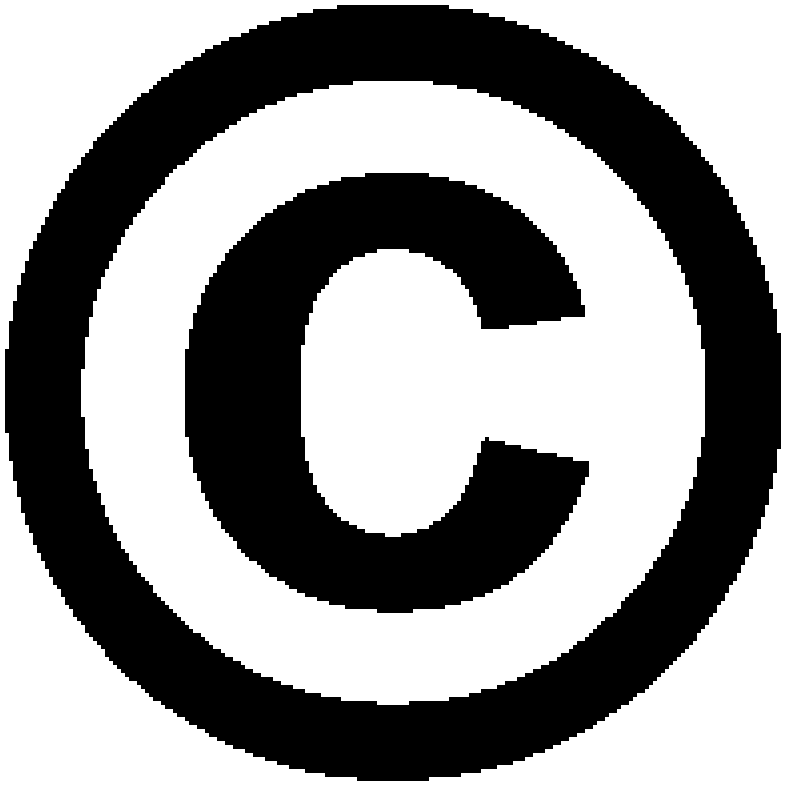

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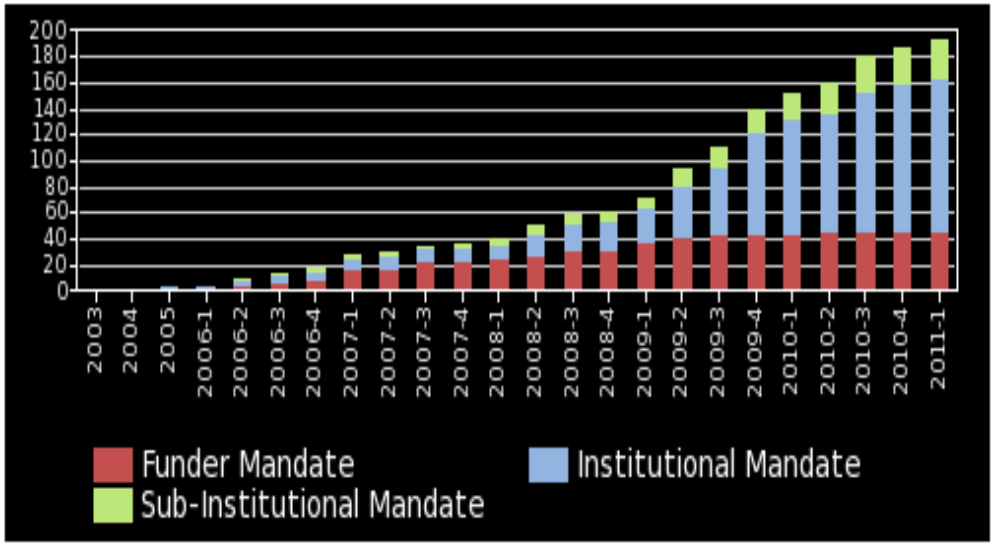

Total Mandates to Date (by type)

Institutional Mandate (117)	Proposed Institutional Mandate (4)
Sub-Institutional Mandate (30)	Proposed Sub-Institutional Mandate (3)
Multi-Institutional Mandate (1)	Proposed Multi-Institutional Mandate (5)
Funder Mandate (46)	Proposed Funder Mandate (8)
Thesis Mandate (75)	

National Policy Issue

“The Director of the National Institutes of Health shall require that all investigators funded by the NIH submit or have submitted for them to the National Library of Medicine's PubMed Central an electronic version of their final, peer-reviewed manuscripts upon acceptance for publication, to be made publicly available no later than 12 months after the official date of publication.”

- U.S. Consolidated Appropriations Act of 2008

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Policy on Applications from Post-Retirement

Open Access and UK PubMed Central

- Summary
- Rationale
- Complying with the policy
- Benefits of open access for authors and researchers
- Further information

Summary

From June 2007 it is a condition of funding that Cancer Research UK funded researchers deposit an electronic copy of peer-reviewed, published papers arising from their Cancer Research UK funded work in the UKPMC database, as soon as possible and no later than 6 months after publication.

Increase text
Decrease text
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Resources

- UKPMC & Open Access FAQs (PDF, 59KB)
- UKPMC & Open Access Toolkit for Researchers (PDF, 131KB)

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Autism Speaks Announces New Policy to Give Families Easy, Free Access to Key Research Findings

Becomes First Public Advocacy Organization Requiring Grant Recipients to Post Scientific Papers on Free PubMed Central Archive

NEW YORK, N.Y. (November 13, 2008) – Autism Speaks, the nation's largest autism advocacy organization, today announced that effective December 3, 2008, all researchers who receive an Autism Speaks grant will be required to deposit any resulting peer-reviewed research papers in the PubMed Central online archive, which will make the articles available to the public within 12 months of journal publication. This new policy will make the results of Autism Speaks-funded research easily accessible – at no charge – to individuals with autism, families and other advocates, as well as interested researchers. Autism Speaks is the first U.S.-based non-profit advocacy organization to institute this public access requirement.

Posting articles on PubMed Central not only makes the results of

CURE Newsletter
SUMMER '10, VOL 14

CURE
Citizens United for Research in
EPILEPSY

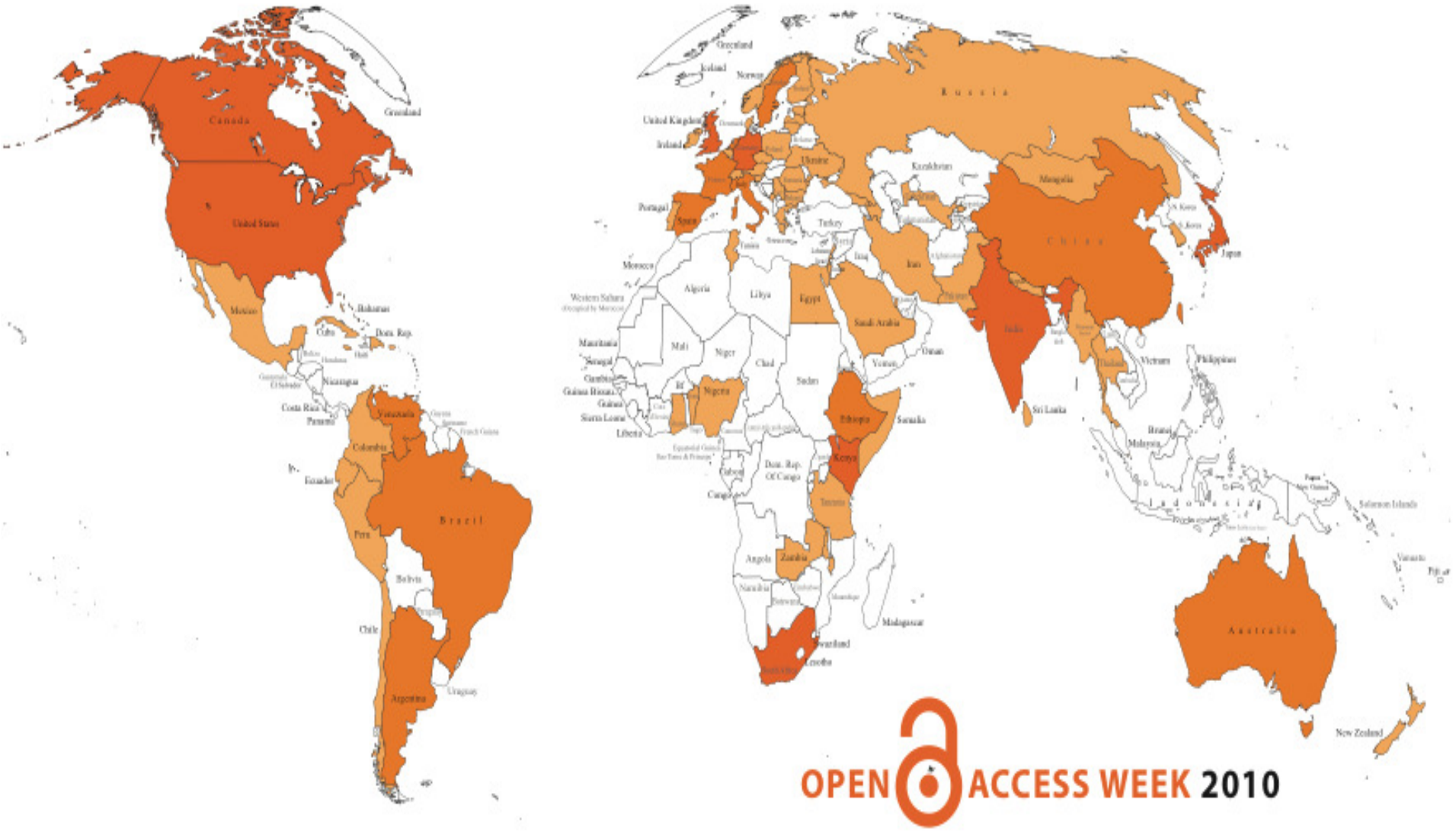
www.CUREepilepsy.org

CURE Takes Lead With Open Access to Publications

Individuals with epilepsy and their loved ones often turn to scientific publications for information and the newest research findings. Scientific researchers and clinicians rely on these publications to find the most innovative, up-to-date studies. However, access to these articles is often prohibited without costly subscriptions and charges—even when those studies have been supported by taxpayers.

But the tide is turning; the National Institutes of Health, CURE, and Autism Speaks are leading the way to increased and easier sharing of information by instituting Open Access policies. In fact, CURE and Autism Speaks are the only nonprofits to institute such policies, and who are collaborating with the Library of Medicine/ PubMed to make sure the policies are enforced. Scientists awarded CURE research grants (beginning with those awarded this year) will be required to follow the new CURE Open Access Policy, ensuring that published articles reporting the findings of CURE-funded research will be accessible to the public for free.

Open access to scientific articles can be found at:
www.ncbi.nlm.nih.gov/pmc



OPEN ACCESS WEEK 2010

[W]e are going to change the way scientists share information; we are going to change the way expert attention itself is allocated, developing new methods for connecting people, for organizing people, for leveraging people's skills. They will be redirected, organized, and amplified. **The result will speed up the rate at which discoveries are made, not in one small corner of science, but across all of science.**

-Michael Nielsen

http://tinyurl.com/dupuisbrockoaw

Thank you for listening

Heather Dalterio Joseph
Executive Director, SPARC
heather@arl.org
(202) 296-2296
http://www.arl.org/sparc
http://www.taxpayeraccess.org

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