### What is open access?

- Immediate free availability on the public Internet
- Research literature that scholars produce without expectation of payment
- An access model, not a business model
- Open-access *journals* require alternative business models to replace subscription-based models
- Peer-reviewed *open archives* (e.g., PMC) can exist alongside traditional publishing

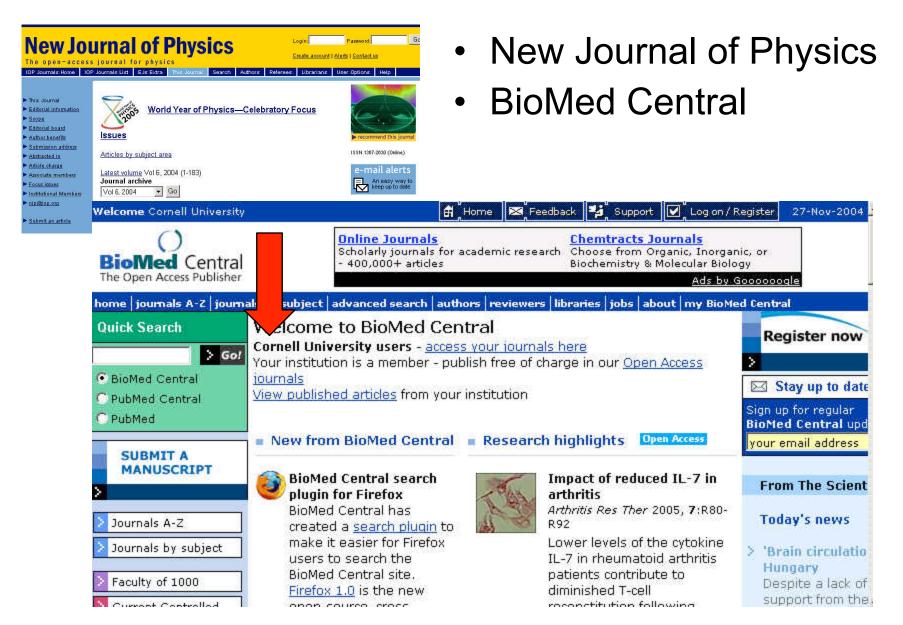
### **Cornell's Approaches**

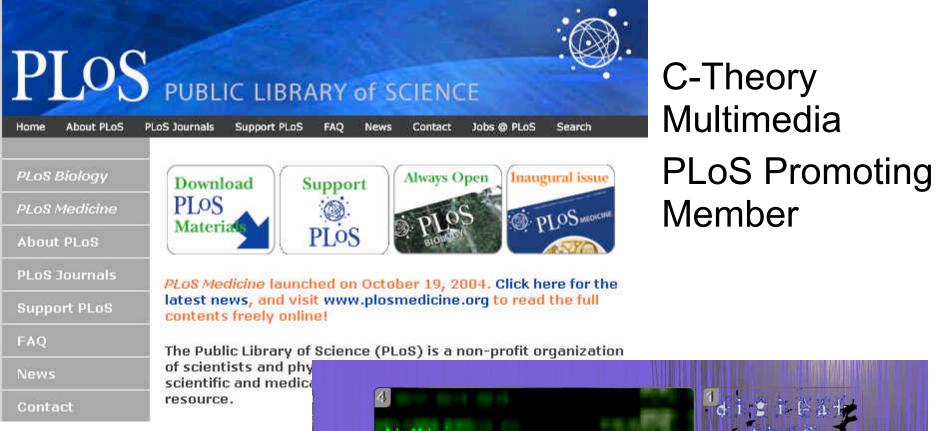
- Subscriptions and licenses
- Institution pays
- Institutional repository
- Disciplinary repository
- Cornell University Press
- Digital publishing of scholarly journals

### Cornell University Library's Open Access Report

- Open Access "library pays" model would cost CUL significantly more than subscriptions.
- A blanket approach to OA may have unintended consequences on communities it is meant to serve.
- Judiciously implemented, based on need, OA will be a great boon.
- Subscription can serve as an equitable model for disseminating scholarship, particularly when administered by scholarly societies,

# **CUL** Supports OA Journals









### PLoS Articles from Cornell University

Below is a list of PLoS articles, most recent first, from authors affiliated with Cornell University.

Nielsen R, Bustamante C, Clark AG, Glanowski S, Sackton TB, Hubisz MJ, Fledel-Alon A, Tanenbaum DM, Civello D, White TJ, J. Sninsky J, Adams MD, Cargill M (2005) A Scan for Positively Selected Genes in the Genomes of Humans and Chimpanzees. PLoS Biol 3(6): 10.1371/journal.pbio.0030170 DOI: <u>10.1371/journal.pbio.0030170</u>.

Martinat C, Shendelman S, Jonason A, Leete T, Beal M, Yang L, Floss T, Abeliovich A (2004) Sensitivity to Oxidative Stress in DJ-1-Deficient Dopamine Neurons: An ES- Derived Cell Model of Primary Parkinsonism. PLoS Biol 2(11): 10.1371/journal.pbio.0020327 DOI: 10.1371/journal.pbio.0020327.

Ward JR, Lafferty KD (2004) The Elusive Baseline of Marine Disease: Are Diseases in Ocean Ecosystems Increasing?. PLoS Biol 2(4): 10.1371/journal.pbio.0020120 DOI: 10.1371/journal.pbio.0020120.

# Disciplinary Repository

### arXiv.org e-Print archive

Automated e-print archives physics 🔽

Search

Form Interface

Catchup Help

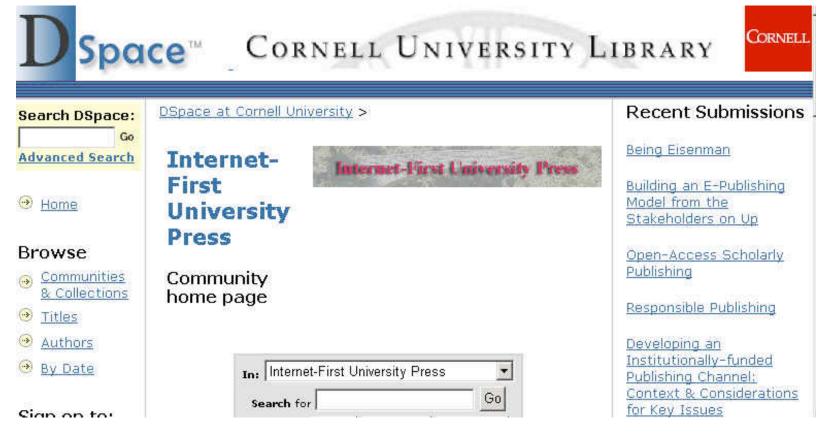
13 Dec 2001: Cumulative <u>"What's New"</u> pages. Note main site relocation. Robots Beware: <u>indiscriminate automated downloads from this site are *not* permitted</u>.

### Physics

- Astrophysics (astro-ph new, recent, abs, find)
- <u>Condensed Matter</u> (cond-mat new, recent, abs, find) includes: <u>Disordered Systems and Neural Networks</u>; <u>Materials Science</u>; <u>Mesoscopic Systems and Quantum Hall Effect</u>; <u>Soft Condensed Matter</u>; <u>Statistical Mechanics</u>; <u>Strongly Correlated Electrons</u>; <u>Superconductivity</u>
- General Relativity and Quantum Cosmology (gr-qc new, recent, abs, find)
- <u>High Energy Physics Experiment</u> (hep-ex new, recent, abs, find)
- <u>High Energy Physics Lattice</u> (hep-lat new, recent, abs, find)
- <u>High Energy Physics Phenomenology</u> (hep-ph new, recent, abs, find)
- <u>High Energy Physics Theory</u> (hep-th new, recent, abs, find)
- <u>Mathematical Physics</u> (math-ph new, recent, abs, find)
- <u>Nuclear Experiment</u> (nucl-ex new, recent, abs, find)

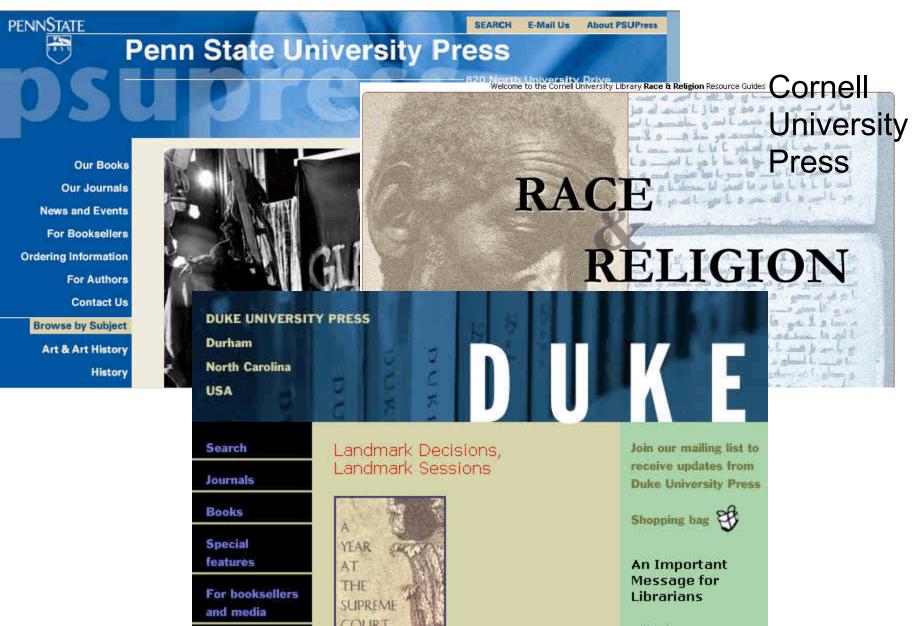
# DSpace

- Computer Science Tech Reports
- Internet First University Press



CORNELL	Project Euclid mathematics and statistics journals on-line	
access	QUICK SEARCH: Author(s)	
	browse journals from list   Journal List by Title • Journal List by Publisher • Journal List by Discipline	
about	Project Euclid is a user-centered initiative to create an environment for the effective and affordable distribution of serial literature in mathematics and statistics. Project Euclid is designed to address the unique needs of independent and society journals through a collaborative partnership with scholarly publishers, professional societies, and academic libraries. Mission • Partners • Tour Euclid • Advisory Board	
for subscribers	Access Terms • Terms of Use • Log in for Existing Subscribers	
for publishers	Opportunities for Publishers	

## **DPubS** Users





#### Transforming Scholarly Communication and Libraries

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#### Scholarly Communication

Scholarly communication—the process used by scholars to share the results of their research—is fast approaching a crossroads. Individual disciplines and the scholarly community as a whole will soon need to make far-ranging decisions about how scholarly information is formally and informally exchanged, because current methods of scholarly communication are increasingly restrictive and are economically unsustainable. The purposes of this Web page are (a) to inform Cornell faculty of some of the key issues that drive the debates over scholarly communication, and (b) to suggest action that faculty might consider to support needed changes.

1. Copyright of Faculty Publications. There is no one reason for—no single approach to—the crisis in scholarly communication. It is perhaps most easily described in terms of access, ownership and compensation. Suppose a scholar writes a paper and submits it to a well known journal. The editors accept the paper and agree to publish it. In many instances it is still the case that the publisher requires that the writer give the ownership (copyright) of the paper to the publisher, in return for publication. Anyone whose library does not subscribe to the journal, or who does not have a personal subscription, can then often only gain access to the article by paying a (frequently significant) copyright fee. Access to such specialized information is in any case highly restricted to ensure that publishers are effectively compensated. One approach to making scholarly information more broadly accessible is for scholars to retain more control over the ownership of their own publications. This Web site will suggest how this can be done by making adjustments to copyright agreements when submitting materials for publication.

2. The Crisis in Scholarly Publication Prices. The prices of scholarly publications, and especially those of serials, have increased at a rate far above inflation and much more rapidly than increases in library budgets. This is especially the case with many commercial publishers—and also a few society publishers. The result is that libraries are now only able to provide their users with access to an increasingly smaller portion of the total needed scholarly output. This is affecting access and services not just in the sciences and technology but in all subject areas. We are