Scientific Publishing: Where are We, and Where Are We Going?
— From an Academic Library’s Point of View—

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Collection Development Situation

- Mid-1980s → current: Escalating journal subscription costs.

- 2000 → Enter a new paradigm: The institutional repository
  - Open access to research university repositories.
  - Faculty article deposits: goal to enable open scholarship—a winding road...

- ~2008 → E-serials’ cuts, book purchasing cuts, flat budgets.
8 Billion (US $) Annual Revenue for Scholarly Journals

Where does it come from?

Corporate subscriptions 16%

Other 11%

Academic libraries 73%

Research Information Network (2008)
Mandates Ensure Research Availability

- **2008 Harvard Mandate**: Grants the university nonexclusive copyright licenses to archive and publicly distribute all faculty-produced scholarly articles. >16,000 journal articles

- **ROAR Map**
  - Institutional Mandates (172)
  - Sub-Institutional Mandates (38)
  - Funder Mandates (81)
  - Thesis Mandates (102)

From: [http://roarmap.eprints.org](http://roarmap.eprints.org)
Libraries Support Government Mandates for Open Research

Advocacy for federal and state agency OA policies:

• COAPI: Coalition of Open Access Policy Institutions (56)

• SPARC: Scholarly Publishing Academic Research Coalition

• SHARE
SHARE Rather Than Join the CHORUS?

**CHORUS**
- Dark archive: Routine research access → from publisher sites (paywall).
- OA papers: invisible.
- Lack of interoperability.

**SHARE**
- Operability across IRs → already exists (no cost).
- Interest in facilitating discovery.
- Archive by institution.
- In the public interest...

http://blogs.library.duke.edu/scholcomm/2013/06/10/better-than-joining-the-chorus/
Libraries Promote Access to Research
Sustainable Publishing Business Models

• **Gold** model: *requires a one-time payment or is born digital*
  - Libraries pay APCs (article processing charges)
  - Publisher examples: PLOS, BioMed Central, Hindawi.

  — Directory of Open Access Journals (DOAJ) 9493 journals.

• **Green** model: “*open access to post-prints or to articles*” by *journal policy*
  - Sherpa Romeo copyright tool: publisher’s deposit permissions.
  - Publisher examples: Sage, BioMed Central.
Open Access isn’t only about sharing information; it’s about transforming how we teach, how we do research and how we collaborate to get things done in a truly global community.

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