Systems Thinking

ACRL Scholarly Communications 101
Starting with the Basics

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Eventually, Steve looked up. His mother was nowhere in sight and this was certainly no longer the toy department.

Gary Larson
scholarly communications is a **SYSTEM** to manage the results of research and scholarly inquiry
Iterations in the life cycle of scholarship

Idea
research
data
manuscript
copyrights assignment
peer review
copy editing
publication
dissemination
preservation
expansion/reformulation
major participants in that life cycle

researchers
authors
foundations
federal agencies
universities
scholarly societies
publishers
libraries
taxpayering public
disruption:
economic model proved unsustainable
pressure points

Publication

Creation

IP

Publisher

Peer Reviewers

Editor

Dissemination

Academic Library

budget
cost

Reformulation

Creation

Dissemination

Reformulation
disruption: Web
most scholarly publications still mimic print: linear, formal, publisher-coordinated
scholars are beginning to exploit the power of the Web
Iterations in the life cycle of scholarship

Idea
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scholars are beginning to exploit the power of the Web
internet

creation
publication
dissemination
reformulation

Disaggregation of traditional system is in process...
new models are popping up

repositories

e-journals

preprints

working papers

data banks
disruption:
Open Movement
disruption:
Open Movement

power of ‘open’
disruption: Open Movement

access grows impact
disruption:
Open Movement

there’s more than one way to fund a scholarly distribution system
disruption:
Open Movement

taxpayers should have access to the research they fund
disruption:
Open Movement
universities create new knowledge for the good of society
Goal: Build capacity to integrate scholarly communications awareness and reform into our work as academic librarians
Questions?
Comments?
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