

Public Access to Scholarship and KU's Center for Digital Scholarship:



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Today: The Why's and How's of Open Sharing at KU

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- **THE BIG QUESTIONS**– first the “Why” then the “How”.
- **COMMUNICATING/SHARING THE RESULTS OF SCHOLARSHIP** (the “why”)
- **CENTER FOR DIGITAL SCHOLARSHIP** (the “how”)

Why: Public Mission, Public Good

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University of Kansas, Mission: ...

“The university first serves Kansas, then the nation and the world through research, teaching, and the preservation and dissemination of knowledge.”

What is the “dissemination of knowledge”?

Why: Access Principle of Good Scholarship

John Willinsky's *Access Principle*, page xii,

So my approach to open access is to **hold to an access principle that could be put this way:** A commitment to the value and quality of research carries with it a responsibility to extend the circulation of such work as far as possible and ideally to all who are interested in it and all who might profit by it.

John Willinsky Professor of Education at Stanford University

New research
is conducted

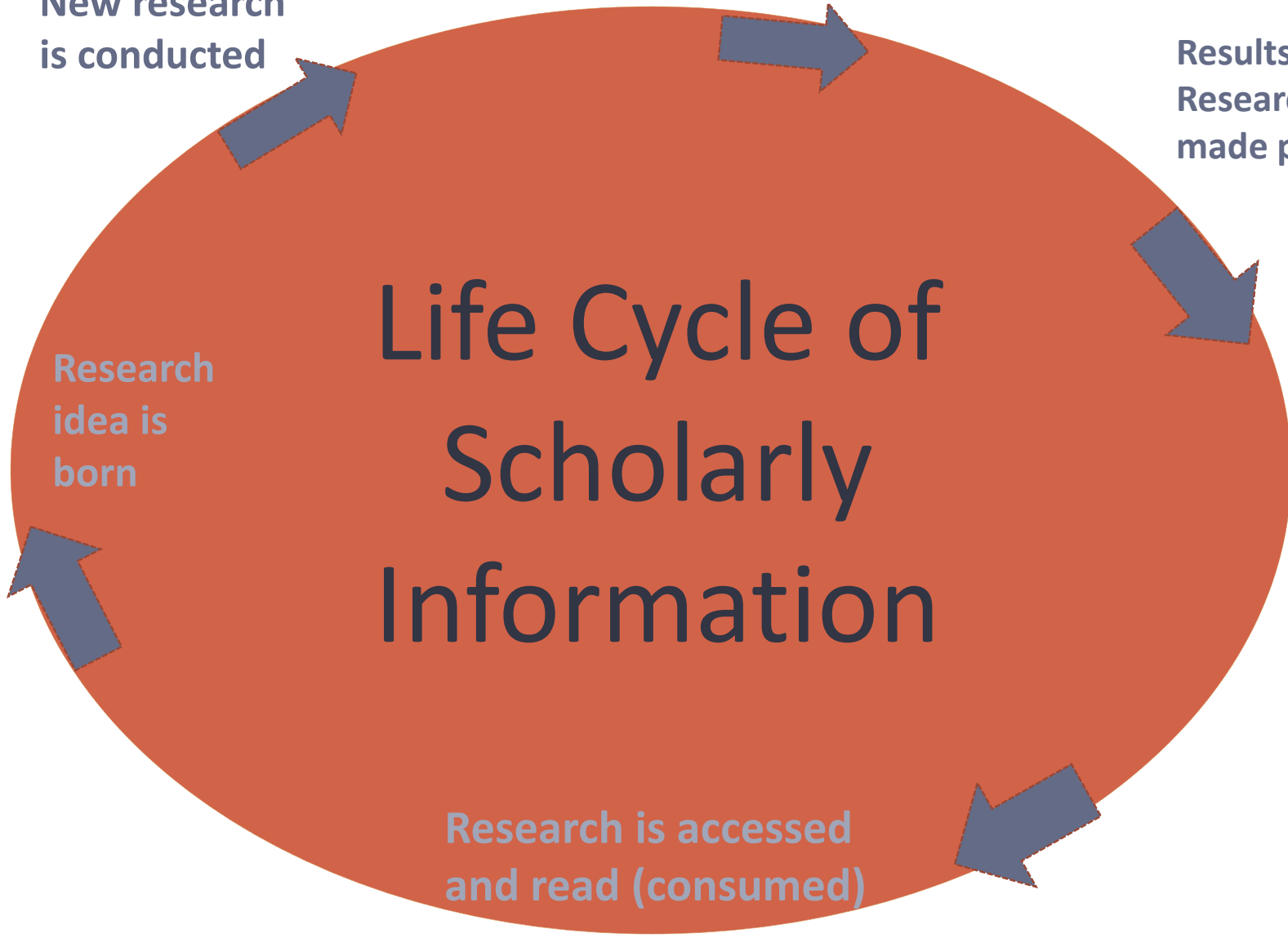
Research results
are communicated

Results of
Research are
made public

Research
idea is
born

Life Cycle of Scholarly Information

Research is accessed
and read (consumed)



Scholarly Information Life Cycle Stakeholders



Facts about Scholarly Publishing System:

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- At KU– tax payer dollars ultimately pay:
 - over \$4,000,000 dollars are spent annually to buy access (in paper or electronic versions) to journal articles (some of which have been authored by KU scholars)
- We have estimated that KU faculty publish between 2-3,000 scholarly journal articles each year, (roughly).
- Without “open access” to those KU journals (and citizens of Kansas) KU must pay again for access.
- Profit margins of commercial scholarly publishers– 20-30% in some years.

Why: Access for whom?

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- Who has access to the scholarly literature?
- How is that access supplied?
- When you do not have membership at an institution (University, Government agency) what will your access be?
- What about a regular, tax paying citizen?
- Who pays? Where does the money go?

Opportunities and Pressures

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Pressures and *Opportunities* on the system:
create urgent and unpredictable shifts

- *Economic*
- *Technological*
- *Cultural and Academic*

Scholarly Communication and Public/Open Access

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These pressures have lead to important questions:

- Question of ownership. Whose scholarship is it?
- If it is paid for by the public (ultimately) should the public own it or at least have free access?
- Academic freedom, author rights?
- Is scholarship a public good? (Non-rivalrous, non-exclusive)

Current Trends

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- Blurring of boundaries between traditional stakeholders;
- Shifting informal and formal methods (alternative and complementary) to disseminate that scholarship;
- Toward greater diversity of formats of scholarly content;
- New generation of scholars with different expectations for access (access NOW);
- Toward open (public and free) access to scholarship;
- Growing expectations among governments/ universities the public and scholars to get better return on their investment, i.e. better access to research results, greater impact.

Flavors of Open Access



- Individual author archiving:
 - Digital open access through author self-archiving in publicly available digital archive (free access)
- Digitally open access journals
 - Subsidized journals (e.g., *Biodiversity Informatics*)
 - Author-paid journals (e.g., *PLoS* journals)
- Digitally open access to artifacts, images, audio, other university/public assets.
- Employer, Funder, or Scholar created mandates, (open access policies)
 - KU's faculty passed their own "open access policy" in the Faculty Senate (April 2009)

Public Access Benefits



Benefits for individual faculty members (when papers are placed in an Open Access repository):

- *Guarantees unfettered access* to students, fellow scholars, funders
- *Higher citation* rates for scholarly papers posted on the open web.

Benefits for the University, (whether a department, school or the entire university):

- Provides a *transparent method to showcase, highlight and share the breadth and depth of its collective contribution* to the academic record.
- Provides method to *demonstrate its fulfillment to serve the University's public mission* to the state of Kansas

Benefits for the general public:

- Will provide *open and free-to-reader access to the body of work produced by scholars* supported by public funds through state and federal taxes and by generous donations (by citizens) to the endowment.
- The *public trust and public good will be satisfied*.

Benefits for the preservation of the scholarly record:

- Will *provide long term preservation and migration of digital files*. The university will supply this added guarantee.
- *Protects the scholarly record* in cases where commercial or non-profit publishers merge, change policies, and die, without the ability/promise to safe guard the long term preservation.

New Models: Open (Public) Repositories

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- **Discipline/Subject Based:**

- PubMed Central <http://www.pubmedcentral.nih.gov>
- ArXiv, physics, <http://arxiv.org/>
- Social Science Research Network <http://www.ssrn.com/>

- **Institutional (University):**

- Open DOAR— directory of open access repositories world wide; <http://www.opendoar.org/>
- University of Kansas' KU ScholarWorks <http://kuscholarworks.ku.edu/dspace/>

KU's Digital (and Open) Archives of Scholarship

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- **KU ScholarWorks facts:**

- ✦ Runs on DSpace, open source software

- ✦ Went “live” 2005

Currently holds over 6,000 items including:

- Scholarly research papers;

- Masters theses and doctoral dissertations of graduate students;

- Hosting journals published by KU faculty and departments;

- Data, scholarly presentations, monographs.

- ✦ All are “open” with entire public access to the entire world.

- ✦ Research paid for by citizens with tax dollars is now accessible for their use.

- <http://kuscholarworks.ku.edu/dspace/> tour

New Models: OA Journals

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- Open Access Journals— entire journals
 - ✦ Peer-reviewed (as usual)
 - ✦ Authors retain copyright
 - ✦ No fee for readers (or libraries)
 - ✦ Revenues are generated from sources other than subscriptions
 - ✦ 4,418 journals currently listed in the *Directory of Open Access Journals* <http://www.doaj.org/> and 321,000 articles from OA journals

Center for Digital Scholarship

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- Main office is on the 4th floor of Watson Library with a satellite office at Anschutz Library, next to the Map Library on the 1st floor.
- Nine staff (six are library faculty) plus a bevy of students
- Comprised of three programs:
 - ✦ **Digital Initiatives Program**
 - ✦ **GIS Maps & Data Program**
 - ✦ **Scholarly Communications Program**

Center for Digital Scholarship Staff

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Digital Initiatives Program

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Center for Digital Scholarship Programs

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- **The Digital Initiatives Program** is responsible for designing and implementing digital services needed to create, display, discover, store, and preserve scholarly information in a digital format.
- **The Geographic Information Systems (GIS), Maps & Data Program** supports GIS, maps and statistics-related class projects, teaching and research at KU; assists students, staff and faculty in finding and working with cartographic materials and numeric, geospatial, and statistical data.
- **The Scholarly Communication Program** assists faculty and students to understand their roles in the shifting system of scholarly publishing and to share the results of their scholarship openly and publicly using innovative online tools.

See, <http://cds.lib.ku.edu/>

GIS, Maps & Data Program

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GIS Data and Software Assistance

assists KU faculty, staff and students in all aspects of projects and research involving GIS.

GIS, Maps & Statistical Instruction

provides both course-integrated and open workshops related to maps, GIS and statistics.

Large-Format Scanning

offers scanning of oversized items.

Research Data Analysis Assistance

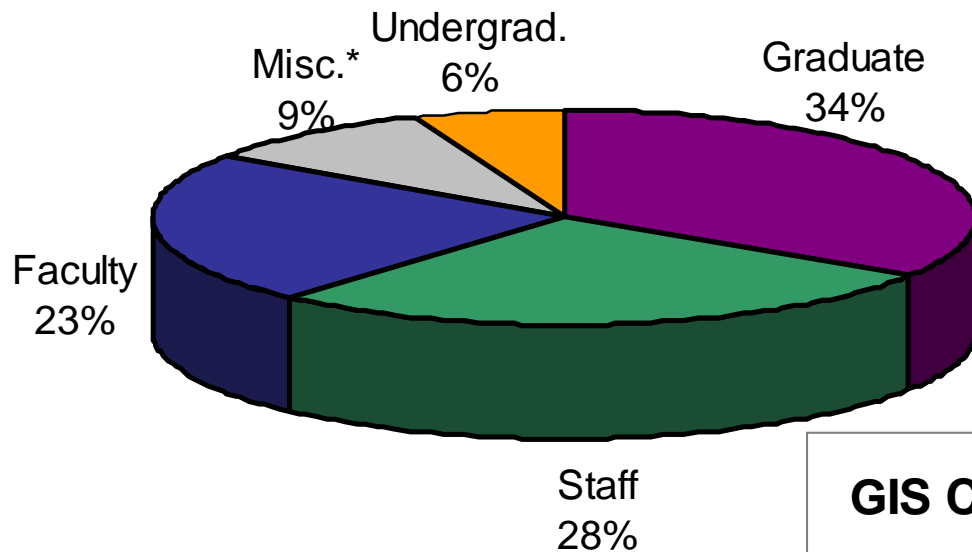
helps faculty and grad students learn how to analyze research data.

Statistical Software Technical Support

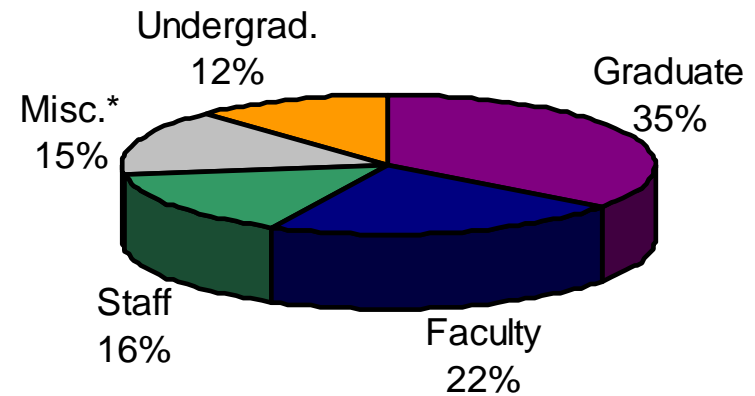
works with users to solve problems with statistical software packages such as SPSS and SAS; assists with installing, activating, and using common statistical software packages.

GIS Consultations: Who comes for help?

GIS Consultations: Jan. 08 to Apr. 09



GIS Consultations: Jan. 04 to Apr. 09



Misc.* = Users from KU (undergrad/grad), other institutions, commercial/state agencies, general public

Digital Initiatives Program

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Digital Imaging

- offers KU faculty and graduate students specialized instruction, staff expertise, and access to state-of-the-art equipment necessary for creating and editing digital images, sound, video, and text.
- consults with users on imaging standards and best practices and provide instruction and guidance on digital concepts, digital production and project management
- provides training for faculty and graduate students on all lab equipment and software for the production of educational and research materials
- [Images: Luna Insight Collections](#)

Digital Initiatives Program – cont.

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Multimedia Conversion and Creation

- help faculty and graduate students to manipulate and create multimedia.
- makes available audio cassette, VHS, DVD and Digital8 conversion equipment. Available software includes Adobe CS4 Design Premium and Final Cut Studio.
- Proof of Concept Multimedia Conversion Assistance
- Analog-to-digital Audiovisual Equipment and Software
- Audio/Video Editing and Conversion Equipment and Software

Digital Initiatives Program – cont.

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Digital Publishing

- provides support to the KU community for the design, management and distribution of online publications, including [journals](#), conference proceedings, monographs, and other scholarly content.
- help scholars explore new and emerging publishing models in our changing scholarly communication environment,
- help monitor and address campus concerns and questions about electronic publishing.
- These services are intended to enable online publishing for campus publications, and help make their content available in a manner that promotes increased visibility and access, and ensures long-term stewardship of the materials.
- Eleven journals currently being published and supported. Digitization of monographs up to seven.

Digital Initiatives Program – cont.

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Tools to help manage and streamline the production and editorial work involved in producing scholarly journals include:

[KU ScholarWorks](#) is a digital repository for scholarly work created by the faculty and staff of the University of Kansas. KU ScholarWorks makes important research available to a wider audience and helps assure its long-term preservation.

[Journals@KU](#) supports the publication of scholarly journals online, and assists journal editors with the management, editorial work, and production work involved in producing scholarly journals. Our journal services are built on the [Open Journal Systems \(OJS\)](#) journal management software designed to facilitate online peer-reviewed publishing.

[XTF](#) is a system for building and providing access to full-text, XML-encoded resources, such as [TEI-encoded monographs](#) and [EAD finding aids](#).

Scholarly Communication Program

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Assists faculty and students:

- to share their scholarly work using complementary online tools like [KU ScholarWorks](#);
- to manage the complex copyrights associated with those works and the works of other scholars;
- to learn more about the shifting system of scholarly communication in which they are major stakeholders;

Scholarly Communications Program-continued

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Assist authors in retaining rights to their work

- Copyright help: tools that authors may use to retain copyrights when working with a publisher.

Copyright Information for Instructors and Students

- Assist instructors on how and when it is possible to share copyrighted works with students in the classroom or use copyrighted materials in your teaching materials is a common question and source of confusion. Students need also to learn how and when they may use copyrighted materials in their papers and projects for classes and certainly for theses and dissertations.

Facilitating Participation in the Faculty's Open Access Policy

- help faculty participate in the KU Open Access Policy passed by the Faculty Senate. We offer "full-service" and "self-service" options to make your work available in [KU ScholarWorks](#) (KU's open archive of scholarly work created by its faculty) and thereby participate in the policy.

Promote Public Sharing of KU Scholarly Output

- work with faculty and students to promote the public sharing of the fruits of their scholarship.

Wrap-up

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- Why's to open (public and free) digital access to scholarly assets created at KU:
 - Public good, wider impact, economic, technological and cultural shifts make it possible.
- How's:
 - KU's Center for Digital Scholarship: marrying needs and capacities of people with the technologies that allow for the widest possible digital access and preservation of scholarly assets.
 - ✦ digitization projects, open access advocacy, digital publishing projects, better data management, IP rights management for open sharing, etc.

Questions and Discussion

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THANK YOU!

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