DIGITAL SCHOLARSHIP

Digital technologies are changing the character of research, scholarship and education. The IUPUI University Library Center for Digital Scholarship provides the IUPUI community with services and tools for sharing and managing digital scholarly works, including but not limited to:

- published articles
- white papers
- conference presentations
- images
- artifacts
- reusable learning objects
- theses and dissertations
- historic texts
- datasets
- multimedia files

Our success in these collaborative efforts is a result of openness to thinking innovatively about digital collection creation and levels of ownership (a community partner owns the original but IUPUI University Library supports the digital version).

BUILDING CULTURAL HERITAGE COLLECTIONS

The library/community connection has been organic, developing over time in varied directions with a goal of providing wide, free access to local historical resources, but with an open mind on how to best reach this goal in terms of production and funding. Since 2004, IUPUI University Library has partnered with over 25 community organizations to capture, preserve and provide digital access to artifacts.

Our collections include:
- Indianapolis Recorder
- James Whitcomb Riley Collection
- Indianapolis Motor Speedway Collection
- data management plans for award proposals and research projects,
- the cultural heritage of central Indiana, including:
- journals published at IUPUI.
- 45 digital libraries reflecting and archiving the cultural heritage of central Indiana, including:
  - Indianapolis Recorder
  - James Whitcomb Riley Collection
  - Climate Data: Indianapolis, IN 1940-present
  - Indianapolis Motor Speedway Collection
- 2,067 articles, presentations and reports
- 604-theses and dissertations
- 6 open-access, peer-reviewed titles, including:
  - Advances in Social Work
  - Indiana Libraries

SHARED RESOURCES

IUPUScholarWorks is a digital repository service that collects, preserves, and distributes scholarship: peer-reviewed, published articles; preprints; theses; dissertations; conference papers; presentations and other resources created by IUPUI authors.

When a faculty member or student uses IUPUScholarWorks to make a published article or other item open for all to download and read, community access to knowledge increases while the author’s reputation expands. ScholarWorks items are available from a stable link, discovered by academic search engines, and preserved for the future. Use ScholarWorks to: increase citations to your articles, show impact for graduate school, promotion and tenure, grants, and employers.

Impact: How It Works

Peter H. Schwartz, MD, PhD
Assistant Professor of Philosophy
Assistant Professor of Medicine

Faculty profile page links to ScholarWorks
Items: http://scholarworks.iupui.edu/schwarz

Items in ScholarWorks: 8

2,036 downloads (Jan 1, 2010 to the present)

PUBLISHED JOURNALS

The Center for Digital Scholarship serves faculty, students and staff who want to publish a scholarly journal. In “Journals @IUPUI” we host a robust publishing platform, Open Journal System (OJS). The system assists with every stage of the peer-reviewed publishing process. OJS facilitates efforts to improve both the scholarly and public quality of refereed research by increasing accessibility and broadening the time between submission and final publication. Journals at IUPUI is viable both for print journals looking for an online option/conversion or aspiring digital journals.

- Hosted at IUPUI
- Editors configure requirements, sections, review process, etc.
- Online submission and management of all content.
- Subscription module with delayed open access options.
- Comprehensive indexing of content is a part of global system.
- Reading tools for content based on field and editors’ choice.
- Email notification and commenting ability for readers.
- Complete content OA-enabled online help support.
- Customizable look allowing for branding of your journal.

MANAGE DATA

Good data management practices are crucial throughout the data life cycle for production of high quality data. Poor data management often results in lost, incomplete or invalid data, confusion, and wasted time and resources spent trying to resolve problems. Well-managed data facilitates data sharing, re-use, and advancement of a field. Examples of high impact, well-managed datasets include those resulting from the Human Genome Project, Sloan Digital Sky Survey, FEC Campaign Expenditures, and the US Census. These data provide crucial information for researchers, industry innovation, businesses, and consumers.

The Data Services Program offers workshops, consultations, and resources to help researchers inform about tools and services available at IUPUI, best practices, and emerging research technologies. During the proposal development phase, we assist in designing and refining data management plans. At project startup, we support implementation of a robust backup and storage plan. During project wrap-up and writing phases, we provide data description, preservation and curation. The Program also keeps researchers informed about data management and sharing policies from federal funding agencies and publishers to facilitate institutional compliance.

From Cultural Heritage to Research Innovations: Digital Scholarship Services for a Changing University

Authors: Jere Odell (jdodell@iupui.edu), Jenny Johnson (jennajoh@iupui.edu), Heather Coates (hcoates@iupui.edu)

Our Collections

- 45 digital libraries reflecting and archiving the cultural heritage of central Indiana, including:
  - Indianapolis Recorder
  - James Whitcomb Riley Collection
  - Climate Data: Indianapolis, IN 1940-present
  - Indianapolis Motor Speedway Collection
- 2,067 articles, presentations and reports
- 604-theses and dissertations
- 6 open-access, peer-reviewed titles, including:
  - Advances in Social Work
  - Indiana Libraries

PUBLISH JOURNALS

The Center for Digital Scholarship serves faculty, students and staff who want to publish a scholarly journal. In “Journals @IUPUI” we host a robust publishing platform, Open Journal System (OJS). The system assists with every stage of the peer-reviewed publishing process. OJS facilitates efforts to improve both the scholarly and public quality of refereed research by increasing accessibility and broadening the time between submission and final publication. Journals at IUPUI is viable both for print journals looking for an online option/conversion or aspiring digital journals.

- Hosted at IUPUI
- Editors configure requirements, sections, review process, etc.
- Online submission and management of all content.
- Subscription module with delayed open access options.
- Comprehensive indexing of content is a part of global system.
- Reading tools for content based on field and editors’ choice.
- Email notification and commenting ability for readers.
- Complete content OA-enabled online help support.
- Customizable look allowing for branding of your journal.

MANAGE DATA

Good data management practices are crucial throughout the data life cycle for production of high quality data. Poor data management often results in lost, incomplete or invalid data, confusion, and wasted time and resources spent trying to resolve problems. Well-managed data facilitates data sharing, re-use, and advancement of a field. Examples of high impact, well-managed datasets include those resulting from the Human Genome Project, Sloan Digital Sky Survey, FEC Campaign Expenditures, and the US Census. These data provide crucial information for researchers, industry innovation, businesses, and consumers.

The Data Services Program offers workshops, consultations, and resources to help researchers inform about tools and services available at IUPUI, best practices, and emerging research technologies. During the proposal development phase, we assist in designing and refining data management plans. At project startup, we support implementation of a robust backup and storage plan. During project wrap-up and writing phases, we provide data description, preservation and curation. The Program also keeps researchers informed about data management and sharing policies from federal funding agencies and publishers to facilitate institutional compliance.

From Cultural Heritage to Research Innovations: Digital Scholarship Services for a Changing University

Authors: Jere Odell (jdodell@iupui.edu), Jenny Johnson (jennajoh@iupui.edu), Heather Coates (hcoates@iupui.edu)