



# IU Libraries Support for the Grand Challenges

## Information & Data Management

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Libraries support the management and preservation of information and data.

As members of research teams, librarians with subject knowledge will:

- support information research needs, locate/acquire material, and purchase data sets, accessing the full breadth of the Libraries' extensive collections as well as data held elsewhere
- provide support for GIS and other mapping technologies and methodologies
- consult on data management planning and data curation activities, ranging from describing, storing, and managing large-scale scientific data to managing and sharing citation lists
- perform literature reviews, citation analysis, consult on alt-metrics measures and approaches, perform extensive information searches including patent searches, and mapping cross disciplinary literature
- provide linked data and cataloging services for digitally published content
- consult and support digital preservation, storage, long-term access, and web archiving for digitally published content

### Contact:

**Diane Dallis**, Associate Dean for Library Academic Services  
(ddallis@indiana.edu)

## Outreach

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IU Libraries will host and partner in organizing public talks, invited speakers, and interactive exhibits designed to communicate research outcomes. Librarians are active partners in teaching and can serve a critical role in teaching. In addition, the IU Libraries collections and archives can link the past to the future, interpreting, extending, and deepening the understanding of a research question for both the citizens of Indiana as well as researchers themselves, often suggesting new research paths.

### Contact:

**Diane Dallis**, Associate Dean for Library Academic Services  
(ddallis@indiana.edu)

**Joel Silver**, Director, Lilly Library  
(silverj@indiana.edu)

## Education & Knowledge Dissemination

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The Libraries serve as critical points of contact between scholarship research and the general public. The Office of Scholarly Publishing and Digital Collections Services support traditional and newly developing publishing outlets.

As members of research teams, librarians and publishing professionals will:

- support publishing in multiple formats, including monographs (traditional and online) and journal articles, the formation of a new journal, open access scholarship, and digital exhibits
- consult on copyright, licensing, obtaining permissions, fair use, copyright registration, and more

### Contact:

**Gary Dunham**, Director of IU Press and Digital Publishing  
(dunham@indiana.edu)

**Shayna Pekala**, Scholarly Communication Librarian  
(spekala@indiana.edu)

## Project Dedicated Experts & Post-docs

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The Libraries can help select, train, direct, and provide the organizational home for experts such as discipline specific librarians, informatics professionals, or post-doctoral fellowship in any of the areas listed above.

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