

Data Management Planning

Data management is the process of controlling the information generated during a research project. Funding agencies are increasingly requiring scholars to plan and execute good data-management practices.

The process of managing data incorporates the responsibility of migration, documentation and communication.

We can help you capture, control and share your data with the required security throughout the data life cycle.

The following are examples of just a few of the data management planning projects we have worked on with HSC groups:

- Creating data-sharing plans for grant proposals
- Naming and organizing data for long-term storage and access
- Documenting the anticipated data life cycle throughout the capture, creation and preservation process



Stuart Nelson, MD, of HSLIC talks to HSC faculty and others about the Unified Medical Language System.



Lori Sloane (l) of HSLIC discusses a data management plan with Joe Hoover, PhD, and Miranda Cajero of the Community Environmental Health Program.

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Research Services

*Supporting the
HSC research
community*

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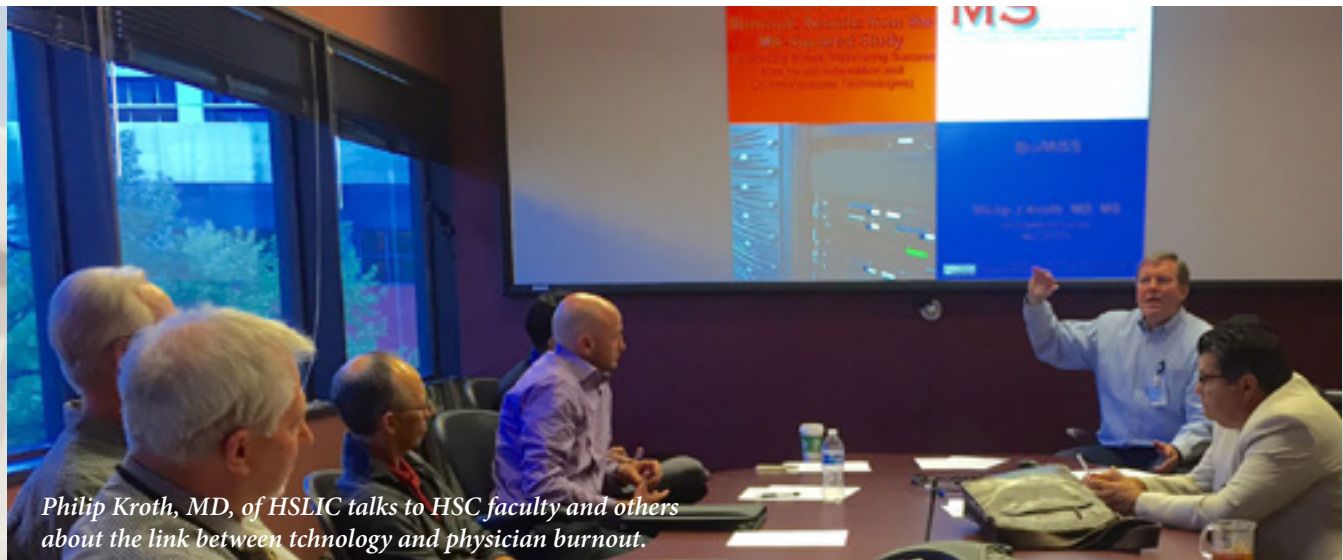
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 **UNM**
HEALTH SCIENCES LIBRARY
and INFORMATICS CENTER

Research Services

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HSC research
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Philip Kroth, MD, of HSLIC talks to HSC faculty and others about the link between technology and physician burnout.

Uniquely Equipped to Serve HSC Researchers

The UNM Health Sciences Library and Informatics Center (HSLIC) provides knowledge-management services to support researchers throughout the research process. Our information professionals and biomedical informatics experts provide solutions to meet researchers' diverse information needs.

Having librarian experts provide a comprehensive review of relevant studies on a particular clinical or health-related topic or question can save researchers time. Our librarians identify both published and unpublished studies and then summarize the findings.

We offer researchers in the HSC community support in many areas:

- Information management
- Instruction in how to use library sources more effectively
- Reference services
- Access to librarian-created subject guides on a variety of topics such as the NIH Public Access Policy, funding resources and mobile apps

- An extensive collection of more than 2,400 full-text research journals and 92 online databases, including:
 - Springer Protocols
 - Cold Spring Harbor Protocols
 - *JoVE (Journal of Visualized Experiments)*
 - Science Direct
 - Web of Science
- Database searching, literature reviews and systematic reviews
- Consultations in many areas:
 - Complying with NIH policy publishing requirements
 - Intellectual property rights, copyright law and evaluating scholarly publication options
 - Following terminology standards that may help you manage your data
 - Developing grant applications, including informatics components
 - Designing databases in support of research/data collection, curation and dissemination
 - Ensuring patient privacy and data security in a research database
- Information and data management planning, including data organization and preservation

- Help with projects that match clinical records in multiple databases and data sources
- Uploading publications into UNM's data repository

Collaboration

Our faculty librarians participate in the research community through collaboration. One of our faculty members serves on the Institutional Animal Care and Use Committee, two work with faculty from the Clinical & Translational Science Center and many co-author articles with HSC faculty.

Grants

Some of the grants our faculty members have secured support researchers. Here are three examples:

- One grant focuses on determining the specific design aspects of electronic health records most associated with physician stress.
- Through another grant, HSLIC developed the Native Health Database, a web-based resource about North American indigenous peoples.
- A third grant enabled faculty to develop a web-based orthodontic case-study database.