TITLE:
Integrating semantic search, federated search and biomedical knowledge base technologies for improved services by medical libraries

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ABSTRACT

Health science libraries constantly strive to provide better services to their diverse user communities which include clinicians, patients, biomedical researchers, medical students and the general public.
One important way of increasing the relevance of library services, while also decreasing the work factor, is to adopt appropriate and cost effective new technologies. The speakers will describe and demonstrate how the integration of advanced meaning based retrieval technologies has led to the creation of new semantic search and knowledge discovery applications at the NIH Library and the Kenézy Life Sciences Library; the implementation of the AIDSSeek prototype system at NLM; and a collaborative project between the NIH Clinical Center and the NIH Library to provide one-stop access to relevant clinical and health sciences library resources for the doctors, nurses, pharmacists, lab staff and other stakeholders, many of whom also participated in the design and implementation of the enhanced web based clinical information system.