Medical Sciences Library Services Supported by a Research Information Management System (RIM)

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Several emerging needs:

- Reputation enhancement
- Research revenue and research competitiveness as strategic priorities
- Research support is seen as a major competitive edge and is often a management challenge

Rieger, O. Y., & Schonfeld, R. C. 2020. The Senior Research Officer: Experience, Role, Organizational Structure, Strategic Directions, and Challenges. https://doi.org/10.18665/sr.314490

https://health.tamu.edu/
Texas A&M Medical Sciences Library

Several emerging services:
- Reputation management
- Research intelligence
- Research support, especially for large, interdisciplinary collaborations
  - Systematic reviews
  - Data management

MSL serves the biomedical information needs of the Texas A&M community with expertise in agriculture, health & kinesiology, human medicine & related disciplines, veterinary medicine and one-health.

https://msl.library.tamu.edu/
VIVO: An Open-Source Research Information Management System

The structured data about faculty research and scholarly activities provided by Scholars@TAMU supports emerging services at MSL.

VIVO is distinguished by:

- **Authoritative Data**: faculty, institutional, public, and commercial sources
- **Structured Data**: Customizable ontology structures data from heterogeneous sources and supports data interoperability and reuse
- **Decentralized Infrastructure**: VIVO can be customized to meet unique organizational needs by coupling with a variety of open-source & commercial systems.

Givens, M. 2014. ACRL.

Use Case: (Re)Claiming Scholarly Narrative

Faculty Tenure & Promotion Dossier Instructions:

“The personal statement ... is your opportunity to make your own case. The statement communicates a quick sense of whether you know who you are, where you’ve been, and where you’re going in your career.”

Clients: Faculty seeking promotion & tenure

http://www(aaup.org/reports-and-publications/academe
Use Case: Reuse Data for Research Centers

Clients: Principal Investigators, Centers, Departments, Colleges

scholars.tamu.edu

energy.tamu.edu
Use Case: Research Intelligence for NIH

Clients: Principal Investigators, Centers, Departments, Colleges
Weill-Cornell and Texas A&M have designed innovative services that meet critical research needs.

Our open-source software supported these initiatives through:

- Open data
- Open ontology
- Open community
- Decentralized infrastructure with local control