

Developing an Intranet Resource to Compile and Disseminate Animal Welfare Information for Library Liaisons

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Objective

The project's goal is to create and maintain a comprehensive database containing subjectspecific information. The information is used to serve as a key resource for grant support and enhance the ethical treatment of animals.

A library Intranet allows librarian liaisons to conduct database searches and prepare customized reports for campus researchers. EndNote software is utilized, due to a campus site license.

Research Mice in Genome Study Lab



Advantages for Grant **Applicants**

- Timesaver for researchers
- Comply with federal laws and grant requirements
- Full confidentiality
- Librarian searching expertise
- Flexible delivery options
- Value-added EndNote options, with tech support
- EndNote citations easily inserted into grant narrative

Implementation Process

A librarian member of the campus Institutional Animal Care and Use Committee (IACUC) gave a presentation explaining the project's goals and the advantages for researchers. Participating liaison librarians also promoted the project via email and meetings.

Interested researchers met with librarians to discuss research needs, search strategies, and preferred delivery options. Results are sent and searches revised as needed. EndNote attachments can be directly imported into users' libraries.

A SharePoint folder is housed on the library Intranet to hold the EndNote master library and supporting documents.

Examples of Databases Used

- PubMed (Medline)
- Web of Science
- BIOSIS (Biological Abstracts)
- SciFinder Scholar (Chemical Abstracts)
- PsycINFO
- Agricola
- CAB Abstracts
- Additional databases based on topic & researcher needs

Stored Search Strategies

Filters have been created for several database platforms. Login instructions are given to interested campus researchers.

PubMed (via My NCBI) MeSH terms and key words

Web of Science

Key word search strategy

OvidSP (campus access to several relevant databases) Key word search strategy that can be run across relevant DBs.

SharePoint Intranet Content

My NCBI Search Strategy & Citations



1. Excel Database

- Data elements include: unique identifiers, descriptions of researcher needs, dates run, library liaison assignment. Content restricted to participating liaisons
- 2. Animal Welfare EndNote Procedures Instructions for database imports, export to xml, record customization
- 3. Animal Welfare Project overview, database logins, sample searches, useful URLs 4. EndNote Animal Welfare Library
- Library "checked out" for update, results sent to researchers in xml format.

My NCBI Account and Saved Search

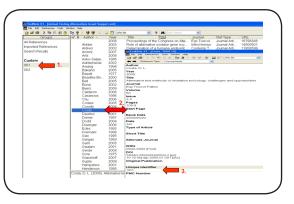


- 1. Account Name
- Access instructions given to interested University of Kentucky animal researchers.
- 2. Saved Search
- 3. Search Strategy Researchers can call up strategy and then cross it (Boolean AND) with specific research needs
- 4. Update options
- No regular SDI updates chosen

Pub Me

- 1. My NCBI Account
- 2. Search Results Search statement #1 is saved strategy. Statement #2 crosses
- hedge with individual research need. 3. Sample Citations
- Summary Format. Emailed results are sent in Abstract format.

EndNote Library Set-up & Customization



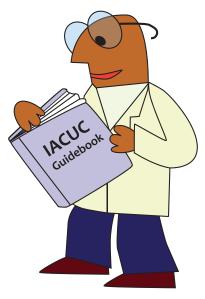
- 1. Custom Group Unique Identifier numbers linked to subject information contained in Intranet Excel database
- 2. Sample Citation
- 3. Unique Identifer Added to EndNote library via Change and Move Fields command. Serves as back-up for Custom Groups



Example of Update Sent to Client

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	herapy Alternatives uni (149 KB): 📆 Inhalation Animal Alternative 2006 J Appl Tox pdf	1.HB: Schalation Animal Attemption 2007 Inhalation Tax.pdf (11) AB
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	to the desktop—keep existing name and xml extension Note Import filter set to:= <u>EndNote</u> generated XML.	4 3.
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ank		
	PubMed Results	
ms 1 -23 of 23		
Expert Opin Drug Metab Toxicol	4	Rested Atides, Substance (MeSH Keywort), Oiled in FMC, LimDut
In vitro models of the hu	man epithelial airway barrier to study the toxic potential	of particulate matter.
Rethen Rutishauser B. Blan	tk F. Mithifeld C. Gehr P.	
University of Bern, Institute of	of Anatomy, Division of Histology, Baltzerstrasse 2, CH-3000 Bern 9	, Switzerland. rothen gana unibe ch
BACKGROUND: Sevenal epi	icularly toxic. In addition more and more nanoparticles are released i To avoid particle toxicity studies with animals many cell culture mo- irro epithelial airway and alveolar models to study particle-cell interac	cause increased pulmonary morbidity and montality. Of particular interest are the not the environment, however, the potential hashh effects of these anosparaticles are dol have been developed during the party terms. INETHODS: This review for Scousse en- tions and particle trainizity and highlights advantager and disadvantages of the fibers models seems to be perfect. However, they might be a gent to be 1 perfect.
yet unknown. OBJECTIVES: the most commonly used in vir different models. RESULTS (CONCLUSION: There are many lung cell culture models but none o . The focus here is on 3D and co-culture models, which seem to be m	ore realistic than monocultures.
yet unknown. OBJECTIVES: the most commonly used in vi- different models. RESULTS (basic research or toxicity tests. 2: Exp Toxicol Pathol. 2008 Jun;60	The focus here is on 3D and co-culture models, which seem to be m	are realistic than monocultures. Realed Atoles, Linkbut
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- 1. Attachments EndNote XML file with citations, plus selected full-text PDFs.
- 2. Summarv
- 3. Import Instructions for EndNote
- 4. Content Excerpt Contains SFX icon with access options



Conclusions

Project Strengths

- The project increased researcher awareness of librarian expertise and support services.
- Creation of accessible saved search hedges benefits researchers who prefer selfsufficiency.
- Increased awareness of EndNote capability to help grant writers.

Project Weaknesses

- Librarians need an increased understanding of the institutional research culture, in order to find the most effective approaches for promoting services to researchers.
- SharePoint Intranet is cumbersome for updating the EndNote library.

Next Steps

- Increase IACUC promotion of service to researchers via Primary Investigators (PI) discussion list.
- Give brief presentations to relevant campus departments and groups.
- Recruit and train relevant campus librarians to increase awareness and encourage referrals.
- Monitor search filters and yield. Change as needed to obtain best results.