Stewarding the Scholarly Record
@ The University of Arizona

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What is the Scholarly Record?

Traditional scholarship
  Published data
Less formal scholarship
  Versions of works
  Software
  Documentation
Researchers
Research process

36” Telescope at Steward Observatory, 1960
Scholarly Record Ecosystem

**Figure 1 - Research Data Lifecycle**

- **Create**
  - Source
  - Collect

- **Assure**
  - QA/QC

- **Explore**
  - Catalog
  - Enrich
  - Analyze
  - Synthesize
  - Repurpose

- **Share**
  - Publish
  - Manage Access

- **Preserve**
  - Archive
  - Maintain

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Explore the latest research being performed in Arizona’s best learning institutions:

Searching 52,313 records with 66,796 contributors from 36 research centers across 3 universities

**Recent Additions**

- Frances Bingham, mezzo-soprano
- An unstoppable force meets an immovable object
- An afternoon of flute and piano

**Popular This Week**

- Fremont Cottonwood Prelim RADSeq
- Healthy Arizona 2010: collaborating for a healthier future
- Analytic solutions for three dimensional cutting strength in composites

**Research News**

- Diversity and abundance of phyllosphere bacteria are linked to insect herbivory
  - UA
  - April 9, 2015
- First ASU-built space instrument ready for final lab tests
  - ASU
  - April 9, 2015
- Historical needlework research leads to Fulbright award for ASU professor
Plethora of Campus Systems

- Academic Analytics
- SciVal Experts
- UA Vitae
- Institutional Repository
- Administrative Systems (Peoplesoft, Kuali)
- Course Management Systems (D2L, Blackboard)
- Graduate Student Advising System
- Tech Transfer – Patent and IP Activity Tracking
- More....
What is a Faculty Evaluation System?

Includes appointed professionals and staff

Transitions paper processes to online

Integrates with campus data systems

Includes all faculty at University

Mandatory participation

Faculty self-report of ALL scholarly activities

Facilitates/Records Evaluations

UAVitae
Faculty Activity Reporting System
Institutional Benefits

- Supports promotion of the work and scholarship of UA faculty to both the internal University community and our external constituencies.
- Better communication and reporting of departmental impact to community
- Enhance public value of institution and demonstrate community engagement
- Support multiple program accreditation processes
- Demonstrate accountability
- Better alignment between annual reporting and P&T
Faculty Benefit Highlights

- Allows faculty to do more with the data put into the system.
- Information in a central repository
- Reduces need for multiple entry of information
- Reduces the need to enter data already available on courses, grants, and other activities
- Ability to create and store faculty activity artifacts
- High quality (and multiple) curriculum vitae print-out/format options
- Ability to archive presentations, creative works, and research data in the Library’s repository
- Facilitates the complete AR workflow from data capture to review.
Library Value: Pre-Implementation

Research and Data Analysis
- Evaluating product coverage (scholarly record)
- Evaluating licenses and data use rights

Licensing Expertise & Negotiation

Creating Conversation & Holistic Perspective

Point-of-Need Education
- Scholarly Communication
- Copyright
Library Value: Implementation

- Project Mgmt Expertise
- Service-Oriented Approaches
- Data Analysis & Assessment
- Training/Instruction Expertise & Space
- Awareness of Faculty Cultures and Needs
- Publication Data Expertise
  - CV Parsing
Library Value: Long-Term

Stewarding the Scholarly Record
- Appropriate Use of Data for Public View
- Data Sensitivities
- Economic Value and Leverage
- Researcher Identification

Repository Integration
- Import/Export
- Open/Restricted Access
- Historical/Current

Training/Instruction
- Scholarly Communications & Copyright Issues
- Bibliographic Management Services
- Indexes and Bibliographic Tools
Product Landscape

DATA180
SMART SOLUTIONS FOR ACADEME

SciVal
Identify expertise and enable collaboration

InCites™

VIVO
connect • share • discover

Pure Experts Portal

UA Vitae
Stewarding the Scholarly Record

- Appropriate Use of Data for Public View
- Economic Value
- Data Sensitivities
- Leverage with Other Services
- Researcher Identification
Repositories — varied purposes, shared data

- restricted access/open access
- importing/exporting/harvesting
- multiple entries to single entry

- metadata requirements
  - historical/current
New Ecosystem

Former Conversations

Current Conversations

New Conversations

System

Silos

Department Conversations

System Conversations

Dashboarding & Analytics
Leveraging Value of Scholarly Record
Campus Integrations
In Summary…

Seize Opportunities  
Partner & Collaborate

Demonstrate Value  
Leverage & Engage
Questions?

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Comments?