Stewarding the Scholarly Record
@ The University of Arizona

Maliaca Oxnam
Kimberly Chapman
Jeremy Frumkin

University of Arizona Libraries
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 52813 records with 66796 contributors from 36 research centers across 3 universities

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**Recent Additions**

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

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**Popular This Week**

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

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**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
  - ASU
  - April 9, 2015
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
- Includes all faculty at University
- Integrates with campus data systems
- Faculty self-report of ALL scholarly activities
- Mandatory participation
- Facilitates/Records Evaluations

**UA Vitae**
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

- Economic Value
- Appropriate Use of Data for Public View
- Data Sensitivities
- Leverage with Other Services
- Researcher Identification
Repository Ecosystem

- 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
System
Silos

Current Conversations
Department Conversations
System Conversations

New Conversations
Dashboarding & Analytics
Leveraging Value of Scholarly Record
Campus Integrations
In Summary...

- Seize Opportunities
- Partner & Collaborate
- Demonstrate Value
- Leverage & Engage
Questions?      Comments?

Maliaca Oxnam, UA Vitae Project Manager
maliaca@email.arizona.edu

Kimberly Chapman, Director, Campus Repository Services
kimberlychapman@email.arizona.edu

Jeremy Frumkin, Associate Dean for Technology Strategy
jaf@email.arizona.edu