

Stewarding the Scholarly Record @ The University of Arizona

Maliaca Oxnam
Kimberly Chapman
Jeremy Frumkin

University of Arizona Libraries

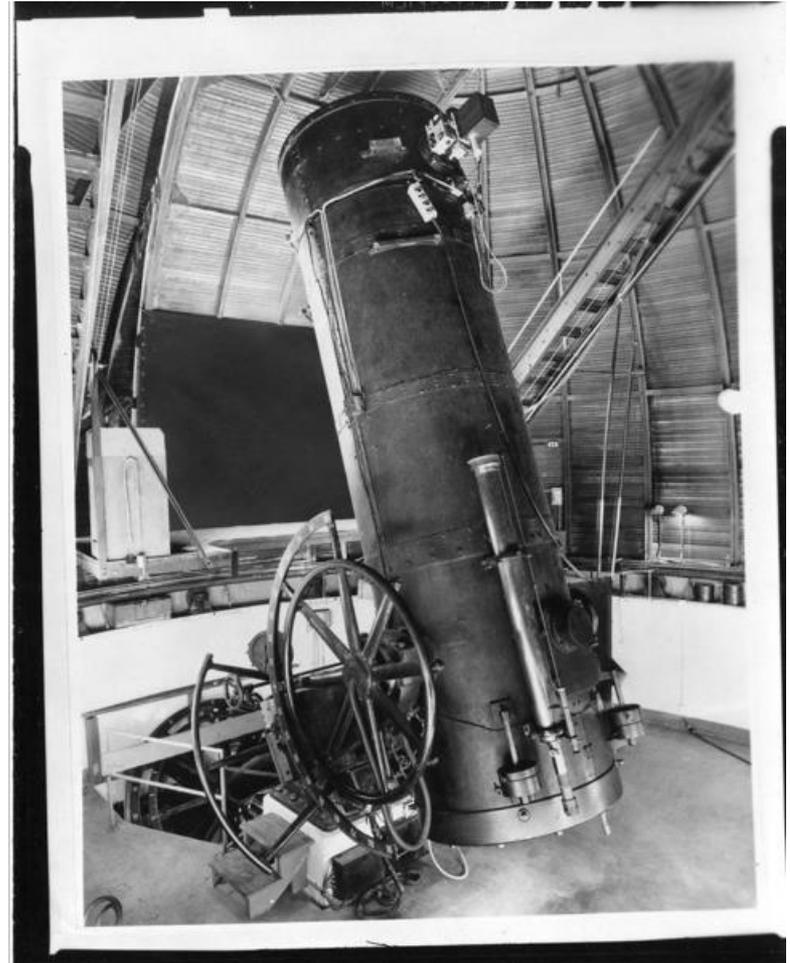


What is the Scholarly Record?

Traditional scholarship
Published data
Less formal scholarship

Versions of works
Software
Documentation

Researchers
Research process



36" Telescope at Steward Observatory, 1960



Scholarly Record Ecosystem

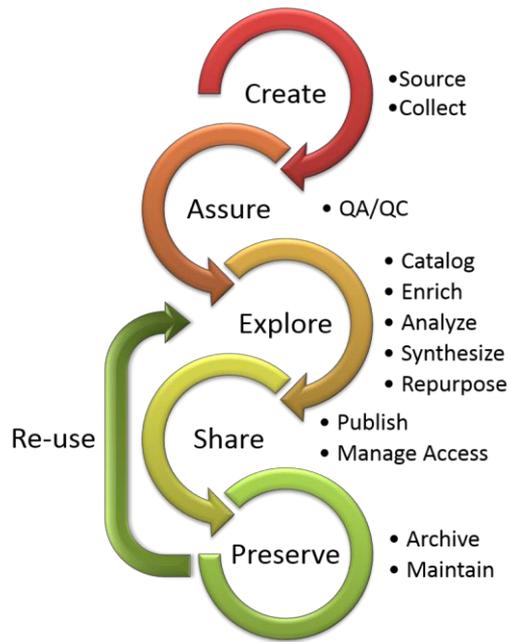


FIGURE 1 - RESEARCH DATA LIFECYCLE

Research Arizona

About Get Published Major Research Centers

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

Advanced Search

Searching 52,813 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 guiding strength in compressible and

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

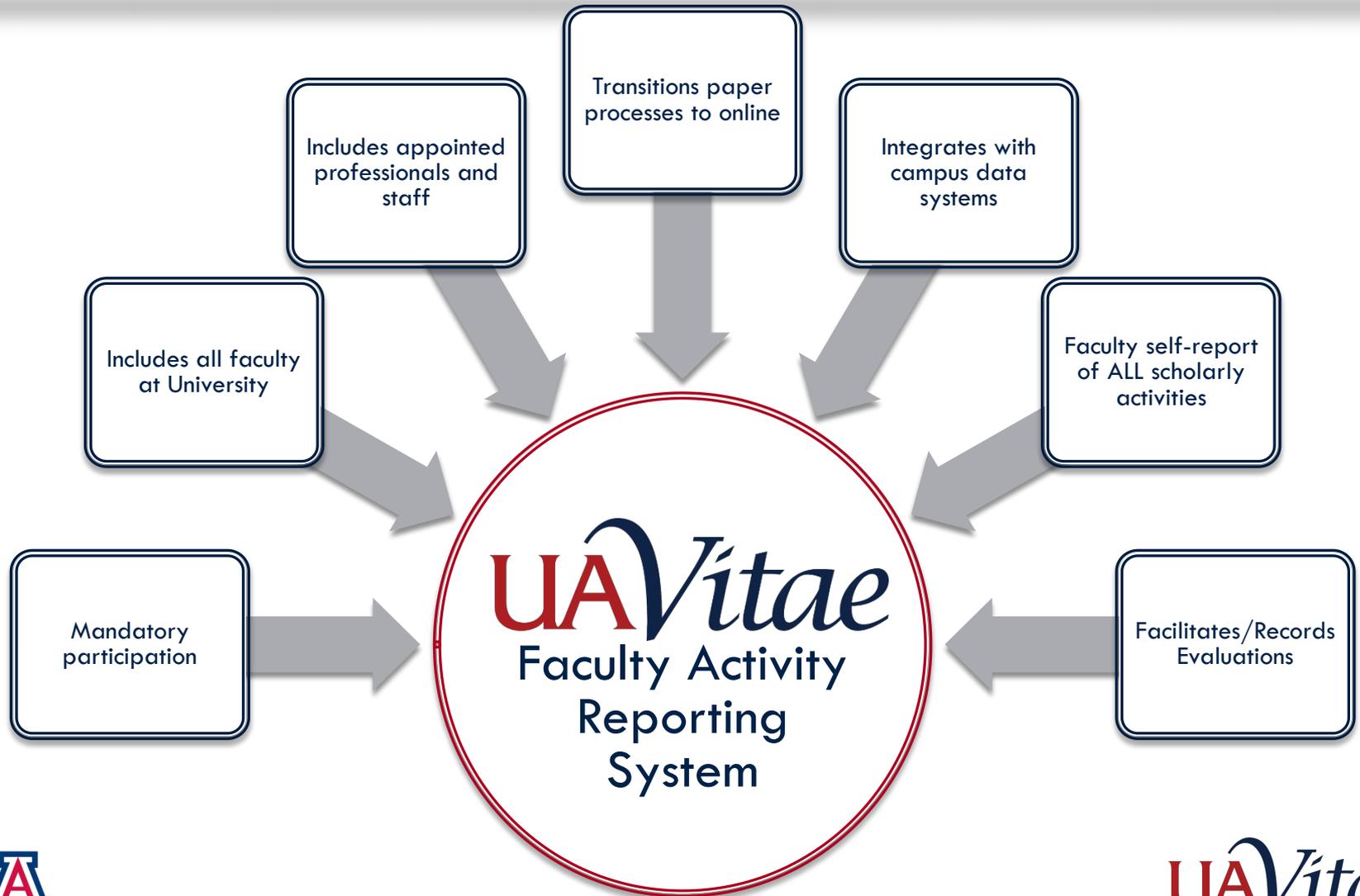


Plethora of Campus Systems

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



What is a Faculty Evaluation 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.

DR. ELIZABETH M. GERBER
 Department of Mechanical Engineering
 Department of Communication Studies
 Segal Design Institute
 Kellogg School of Management (by courtesy)
 Industrial Engineering and Management School
 School of Education and Social Sciences
 Northwestern University
 Englewood Cliffs, NJ 07630
 www.ligo.net

RESEARCH INTERESTS
 Social Computing, Crowdsourcing, Crowdfunding, Social Learning

ACADEMIC EMPLOYMENT
 2008 - present: Assistant Professor, Northwestern University in design
 Segal Design Institute (McCormick School of
 Mechanical Engineering, McCormick School of
 Communication Studies (School of Communi-
 cation Studies), School of Management, School of
 Industrial Engineering & Management Science,
 Learning & Organizations (Kellogg School of
 Management)

EDUCATION
 2003 - 2007 Ph.D., Management Science & Engineering, Stanford University
 Advisors: Dr. Robert Sutton, Dr. Chip Heath, & Dr. Pa-
 trick Werhane
 2001 - 2003 M.S., Joint Program in Product Design, Art and Mechanical Engi-
 neering, Stanford University
 Advisors: David Kelley & Roll Faise
 1994 - 1998 B.A., Dartmouth College

SELECTED HONORS AND DISTINCTIONS
 2013 Allen K. and Johanna Cordell Breed Junior Chair in Design
 2011 Core 77 Notable Professional Award for Design Education Initiative for
 2009 Core 77 Notable Professional Award for Design for Social Impact for Design
 2009 Invited participant in the National Academy of Engineering's Frontiers in De-
 sign Symposium
 2007 Seattle Teaching Award for leadership potential in teaching at Northwestern U.
 2006 National Teaching Award for outstanding contributions to teaching in the School
 of Management, Engineering, and Earth Sciences at Stanford University
 2006 Nomination for the Best Paper Award, Academy of Management, Technology and
 Management Division (TDM)
 2006 Nomination for the Best Student Paper Award, Academy of Management, Techno-
 logy and Management Division (TDM)

REFERREED PUBLICATIONS
 2012 Gerber, E., Martin, C., Braunstein, J., Kramer, E., Carberry, A. Innovation Self-Efficacy
 and a Measure, *Frontiers in Education* (Forthcoming)
 Elizabeth Gerber Curriculum Vitae

PROFESSOR JESSE KENDALL, PH.D.
 Home: 305-555-5555
 Mobile: 305-444-4444
 jkendall@gmail.com
 123 Elm Street
 Miami, FL 33183

CURRICULUM VITAE

EDUCATION
 Ph.D. Major: Health Education/Human Sexuality, XYZ University 20xx
 M.A. Major: Social Psychology, University of XYZ 20xx
 B.A. Major: Psychology, University of XYZ 20xx

COMPETENCIES
Leadership: Held leadership positions at the professional, departmental, college, and university level throughout academic career at the University of XYZ. Position titles included Graduate Coordinator, Co-Principal Investigator; Principal Investigator; Advisory Board member for Diversity Program, General Studies, Women's Studies, and International Studies; University Chair of Research Council Committee on Scientific Misconduct; State Chair of the Health Division; and National Vice President, National President, and National Executive Director of the Foundation for the Scientific Study of Sexuality.
Vision: Played instrumental role in several important departmental expansions. Changed degree name from the Health and Physical Education to Human Performance and Health Promotion, and expanded name for the College of Education to include Human Development. Developed the Gerontology Certificate Program and the Executive Master's Degree in Human Performance for student cohorts from Taiwan. Established the Certified Health Education Specialist Program and instigated the development of a concentration in Peace & Justice studies within the International Studies Program.
Teaching: Nominated for the Saraphis D. Leyda University Teaching Award in 20xx. Developed more than 15 courses currently taught at UNO and personally taught in Denmark, Sweden, and the Czech Republic. Served as member of the General Studies Advisory Board since 20xx.
Ethics: Co-authored new professional ethical standards adopted by the American Association of Health Educators in 20xx. Developed a course in Health Promotion Ethics for UNO that is currently taught in the Philosophy Department.
Collaboration: Partnered with colleagues on challenging and essential University committees including Post-Tenure Review, SACS Accreditation, and Diversity. Chaired the Distinguished Professor Committee and the Research Council Committee on Scientific Misconduct. Worked as team member on more than nine grants, 30 published articles, and 30 presentations at professional meetings. Co-edited two books with three other professionals. Became an invited member of the Women's Studies Faculty in 20xx.
Communication: Interviewed on local radio and television programs, and have appeared on the national television show "The XYZ Factor." Provided over 15 years of clear classroom communication and teaching. Delivered nearly 50 presentations at national conferences.
Community: Served for more than 12 years as a volunteer, in a variety of capacities, for the NO/AIDS task force. Facilitated numerous classroom speaking engagements with guests, including community based organizations (CBOs) and non-governmental organizations (NGOs). Played critical role in developing a comprehensive health program at Caplan Charter Grade School. Participated as an invited member of the Ochsner Hospital IRB for the protection of human subjects since 20xx. Served on the community-wide committee for the Lesanne Knot Violence Against Women Project since 20xx.



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



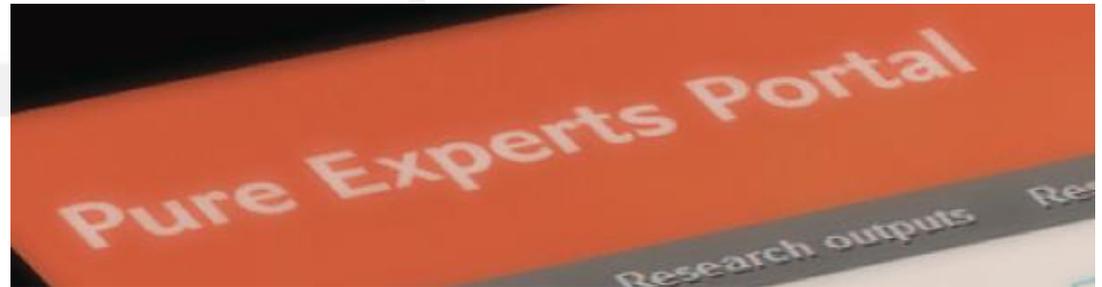
InCites™

VIVO

connect • share • discover

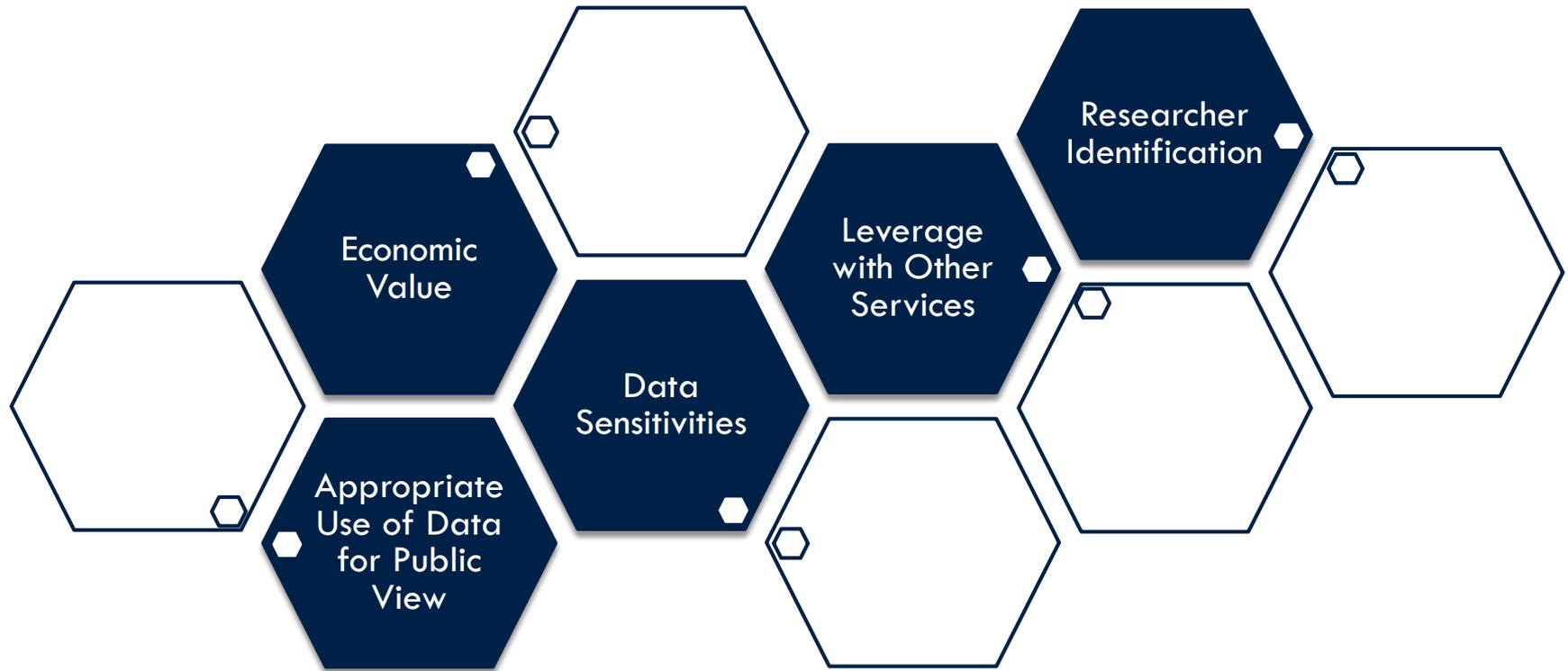


Identify expertise and
enable collaboration

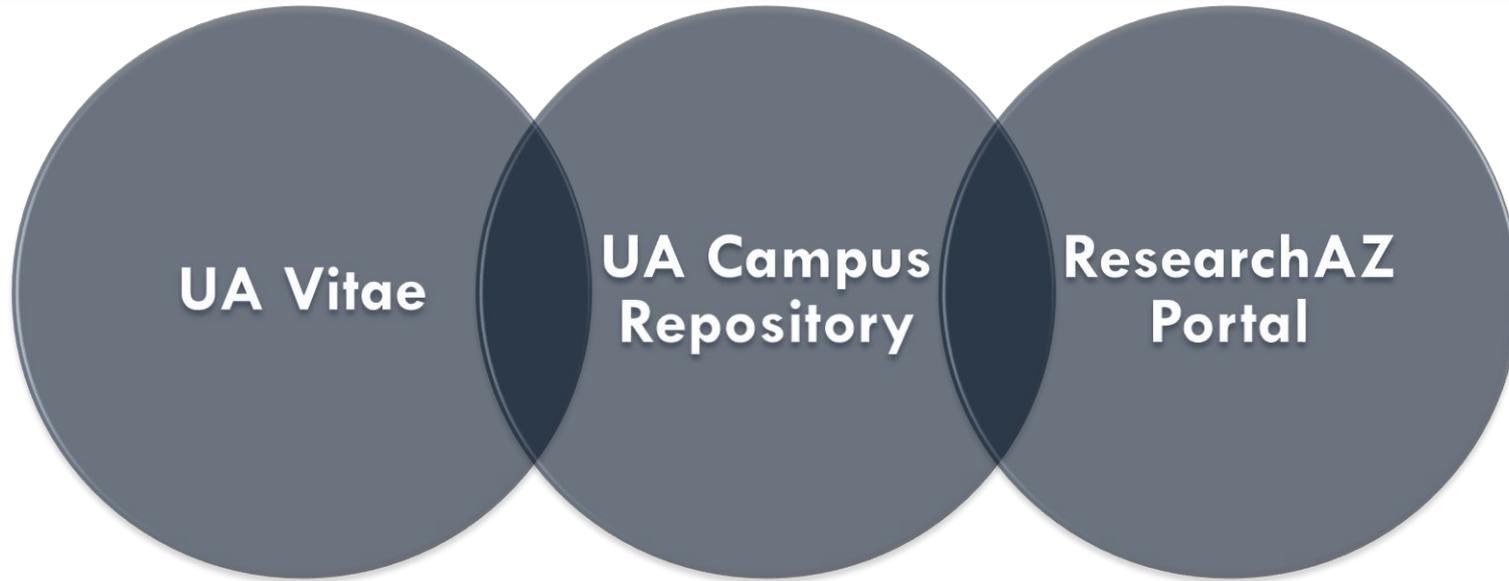


UAVitae

Stewarding the Scholarly Record



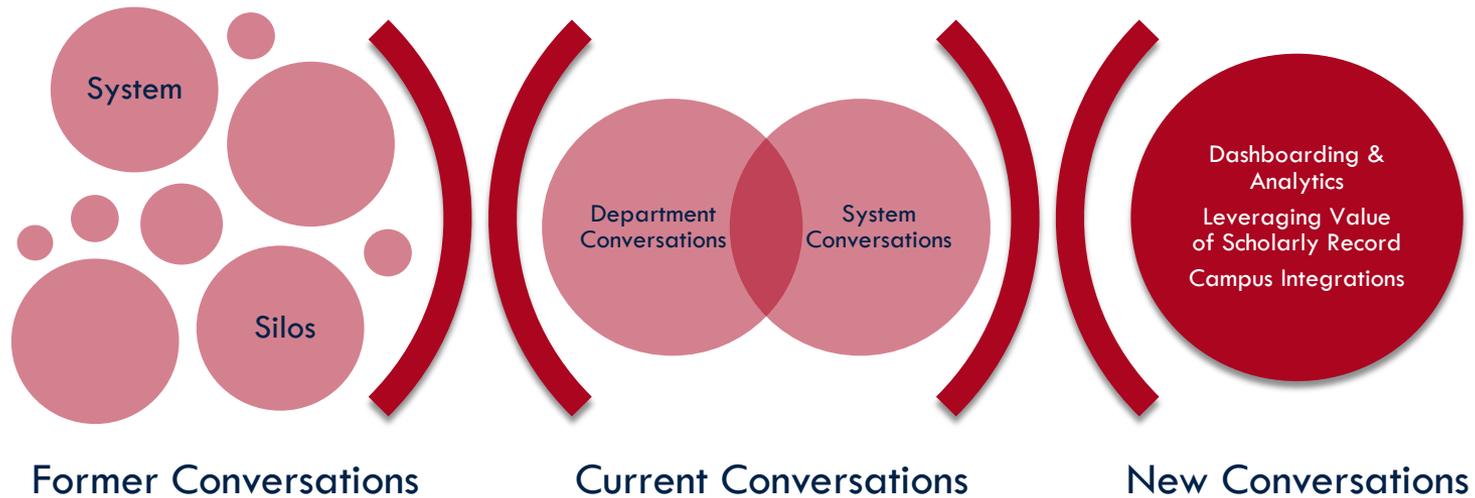
Repository Ecosystem



- repositories – varied purposes, shared data
 - restricted access/open access
 - importing/exporting/harvesting
 - multiple entries to single entry
 - metadata requirements
 - historical/current



New Ecosystem



In Summary...





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

