

Welcome!

Transforming Organizations

Partnership · Collaboration · Agile Development

Meet the Team

Xuemao Wang
Dean and University Librarian
wang2xm@ucmail.uc.edu

Nelson Vincent
Vice President of Information Technology
& Chief Information Officer
Nelson.Vincent@uc.edu

Ted Baldwin
Director, Science and Engineering
Libraries
baldwitw@ucmail.uc.edu

Linda Newman
Head, Digital Collections and
Repositories
newmanld@ucmail.uc.edu

Josette Riep
Associate Director of Information
Technology
riepjr@ucmail.uc.edu

— The journey starts here.



— Vision

UC's Third Century



INVESTING
IN FACULTY
& STAFF



LEVERAGING
RESEARCH



REIMAGINING
THE STUDENT
EXPERIENCE



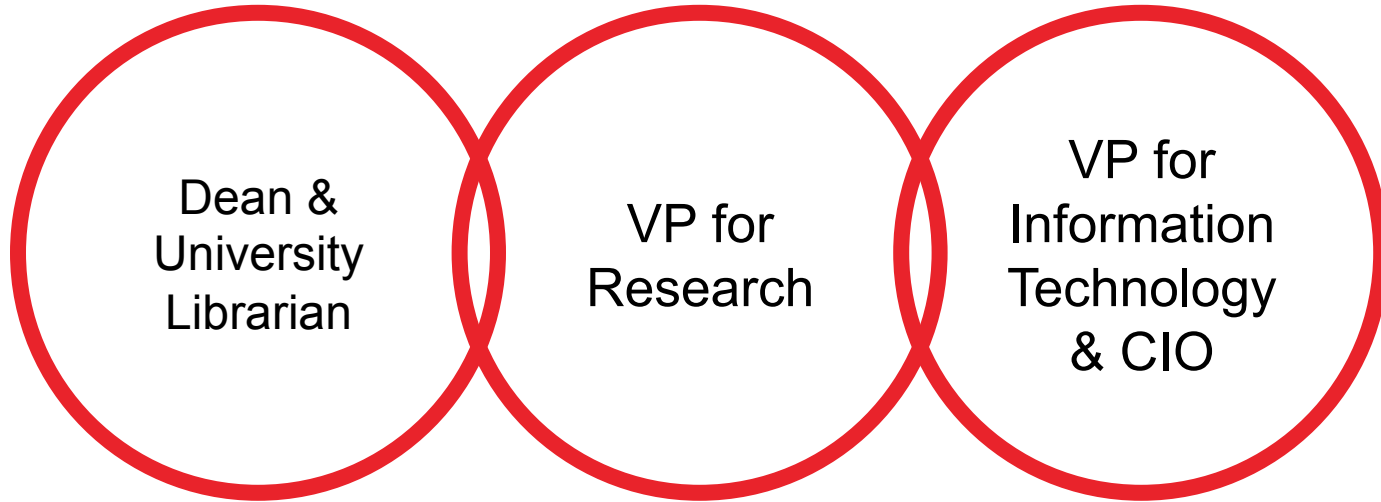
EXCELLING
IN
eLEARNING



BUILDING
THE
RESOURCE
BASE

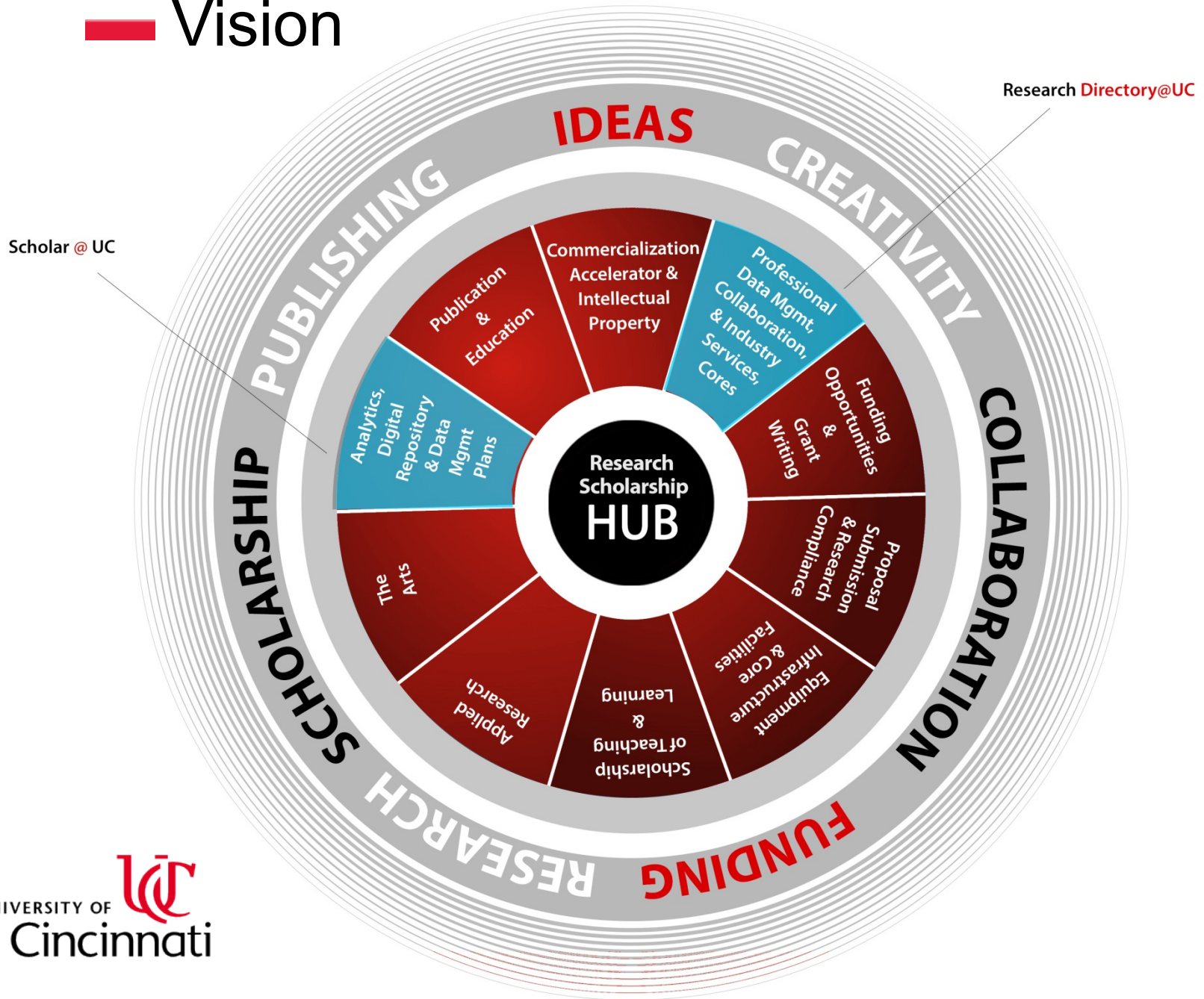
Embedded within these areas are cross-cutting themes including diversity, international, mission-based health care, staff development, information technology, etc.

— Partnerships



Partnerships and collaborations power the transformation.

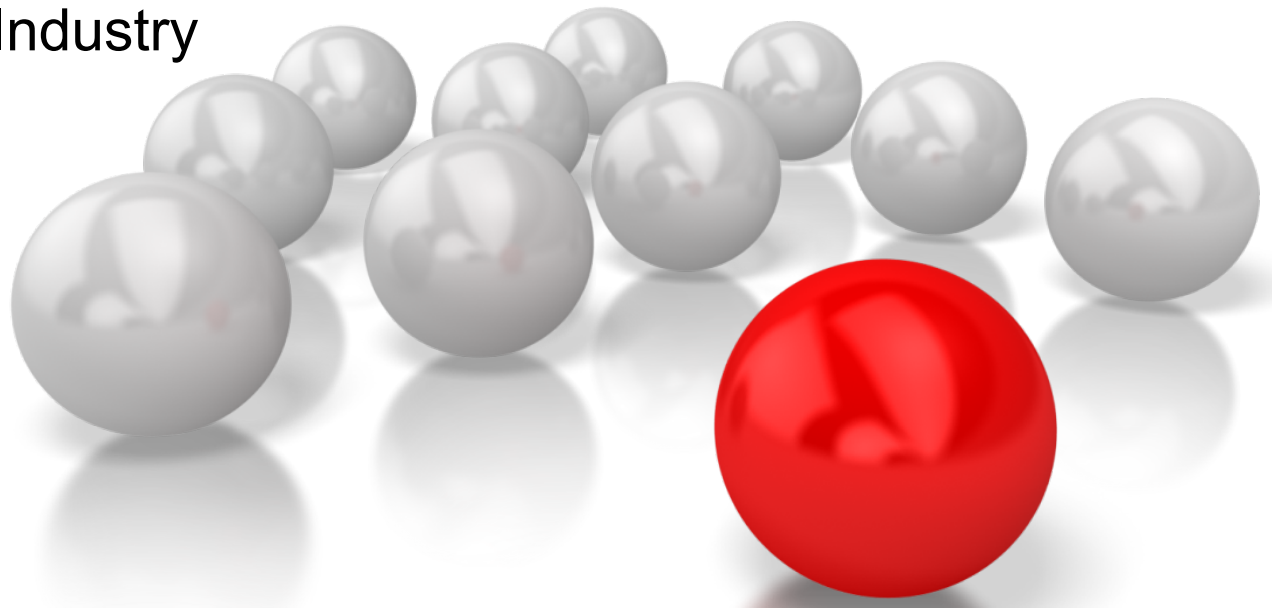
Vision



— Research Directory

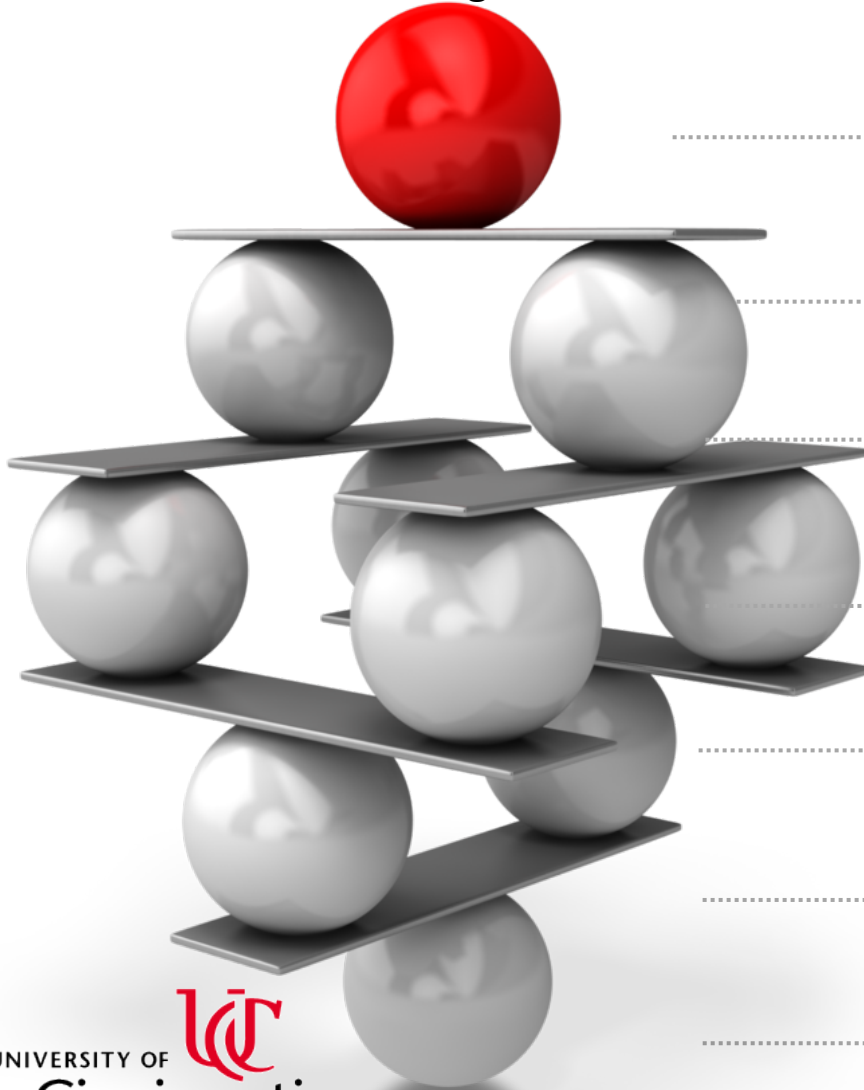
Integration of system driven and faculty managed research information into a consolidated environment that provides robust searching and reporting across the research enterprise for:

- The individual Researcher
- Research Administrators & Coordinators
- Commercial /Industry
- Leadership



— Research Directory

The Challenge



Providing up to date and accurate profile information from multiple sources

Gathering as much data as possible while limiting the need for manual input from faculty

Ability to provide easy and robust searching

Integration with external data sources

Aggregation of information for meaningful reports

Aggregation of information across affiliate institutions

Research Directory

The Solution

Visit UC Support UC Directories UC Tools Search UC Go

UNIVERSITY OF Cincinnati

RESEARCH HOME | DIRECTORY | FUNDING | COMPLIANCE | EDUCATION | SERVICES | OFFICES | ANNOUNCEMENTS | THIRD CENTURY

Begin Your Search

Enter Keyword(s) or Researcher's Last Name

By Keywords By Researcher (Last Name Only) By Facility

Enter keywords or researcher's last name only in the search box. If searching by researcher's last name click on that option below the search box. Searching by keyword is the default. Then click the magnifying glass to begin your search.

Search Examples:
Keyword: "biomedical engineering"
Researcher: Gillespie

[Search Instructions]

ABOUT THE RESEARCH DIRECTORY

The Research Directory is a searchable database with information about more than 3,000 researchers across the UC campus. Use the Directory to find information about researchers by name or topic. Please note that the search by name is by last name only. When you search by topic the search results are displayed in order of relevance. Direct questions to Web Central at web.central@uc.edu.

Manage Your Profile

FEATURED WORK

Partnerships
UC scientists are working with biologists at the Newport Aquarium to study the hearing, vocalization and environment of several animals. Researchers at the UC Facility for Education and Testing of Cetacean Hearing and Lab Animal Bioacoustics are visiting Greater Cincinnati's Newport Aquarium to study animals as varied as otters, sea horses and shark rays. [Read More](#)

Available Technologies
The UC Office of Entrepreneurial Affairs and Technology Commercialization is responsible for developing new initiatives to drive technology development from research and innovation to commercialization. This office serves as a point of contact for faculty seeking external resources and collaborative opportunities and for industries/universities seeking opportunities to partner with faculty. [Read More](#)

Campus Collaborations
UC, Case Western Reserve University and The Ohio State University have established a statewide collaborative agreement allowing a single organization's Institutional Review Board (IRB) to assume responsibilities on behalf of multiple institutions when conducting multicenter studies. This collaborative effort will accelerate research by streamlining human subject protection processes. [Read More](#)

UC Research Institute
A research institute promoting industry partnerships is a proven academic model. They enable attracting industry partners, enhance research and promote commercialization through faculty research partnerships. UCRI will grow our industrial research funding base, further supporting innovation at UC. It was formed out of a desire by industry leaders, like General Electric Aviation, to partner with the university and [Read More](#)

Ability to search for experts and areas of expertise by keywords

Promotion of research expertise and facilities for commercial / industry

Single Portal to view expert profiles, grants, protocols, patents, facilities and enterprise wide reports

Automated views, data clusters and reports from a single source

Source expertise for people, grants, protocols, patents and facilities

Single Source multiple outputs to support the individual researcher, administrators, industry and institutional leadership

— Research Directory

Custom and dynamically defined data elements

UC2019

RESEARCH DIRECTORY DATA

OVER 80 CATEGORIES OF INFORMATION
OVER 700 UNIQUE DATA ELEMENTS

A&S SELF EVALUATION
ACADEMIC EXPERIENCE
ANIMAL PROCEDURES
BOARD CERTIFICATIONS & LICENSES
CAMPUS ID PICTURE
CCM INFORMATION
CEAS HONORS AND AWARDS
COMMITTEE APPOINTMENTS
CONTACT INFORMATION
COURSES TAUGHT
CREATIVE PRODUCTIONS
EDUCATION
EDUCATIONAL INNOVATION
EMERGENCY CONTACT
EXPERIENCE SUMMARY AND PROFESSIONAL GOALS
FACULTY DEVELOPMENT ACTIVITIES
GRANTS AND CONTRACTS
HONORS AND AWARDS
KEYWORDS
LINK
LOCAL ADDRESS
MEDIA INTERACTION
MEMBERSHIPS
NEUROSURGERY RVU

NSF COLLABORATORS
OTHER EXPERIENCE AND PROFESSIONAL MEMBERSHIPS
OTHER INFORMATION
OTHER STUDENT ACTIVITIES
PATENTS AND INVENTIONS
PEP PROGRAM INTRODUCTORY FULL TIME EXPERIENCES
PHARMACY INTERN LICENSE
POSITIONS
POST GRADUATE TRAINING & EDUCATION
PREFERRED INFORMATION
PROFESSIONAL SUMMARY
PROGRAM EVALUATION
PUBLICATIONS - ABBREV
RESEARCH AND PRACTICE INTERESTS
RESEARCH SUPPORT
RESIDENT-EXAMS
REVIEWS
SELF REFLECTION
SEMI ANNUAL REVIEWS
SERVICE
STUDENT ADVISING
SUMMARY OF INTERNSHIP EXPERIENCES
A&S GRADUATE ADVISING

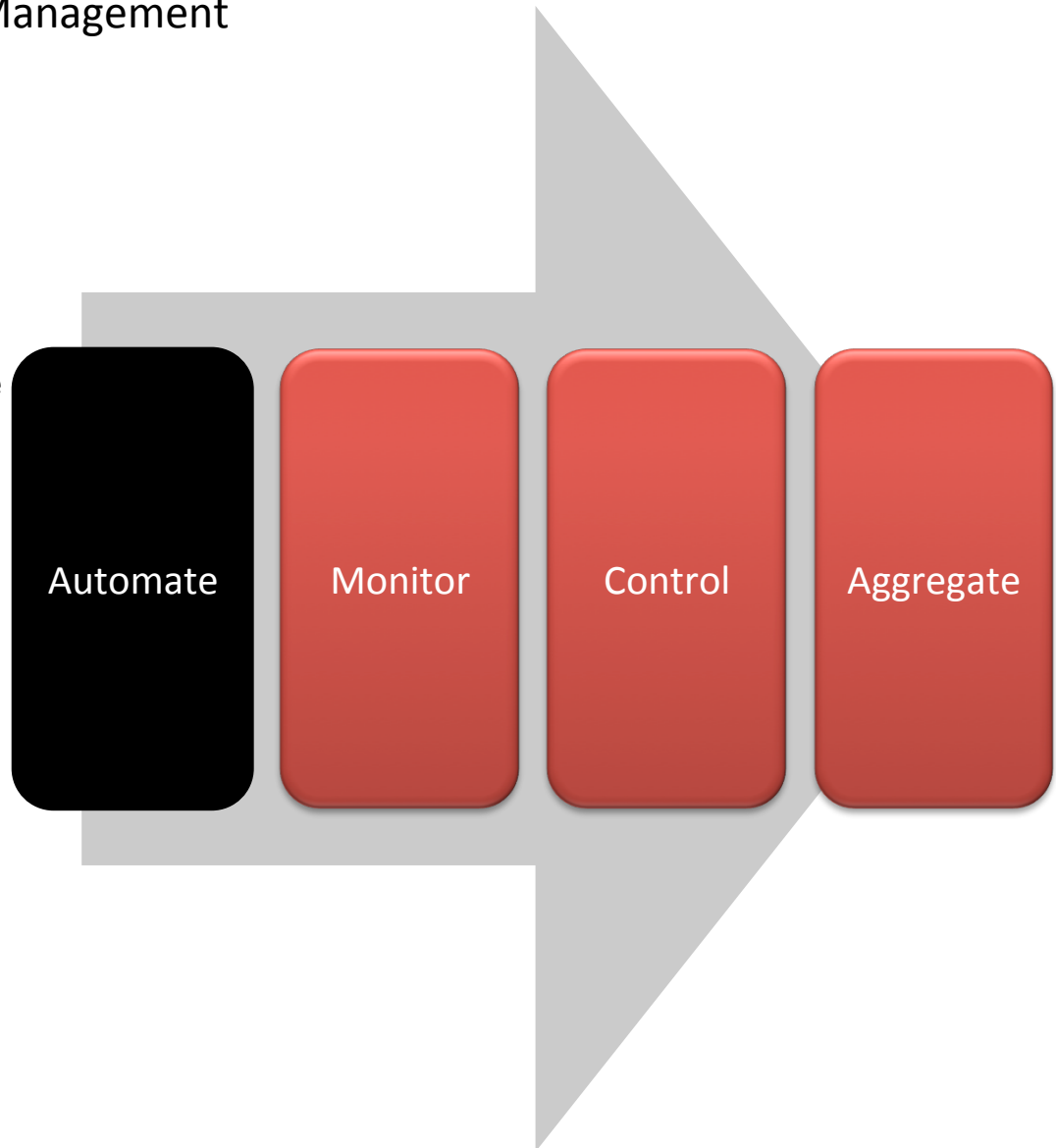
A&S UNDERGRADUATE ADVISING
BOOK OF POEMS
CREATIVE TRANSLATION
EDITORIAL
FICTION
NEWSPAPER ARTICLE
NON-FICTION
PLAY
POEM
POPULAR MAGAZINE ARTICLE
PUBLICITY
REVIEW
TECHNICAL TRANSLATION
ANNUAL DATA
FORWARDING INFO - OTHER
RANK (NRMP)
RESIDENT INFORMATION
COLLOQUIUM
EVENT ORGANIZED
INVITED PRESENTATIONS
LECTURE
PAPER PRESENTATIONS
POSTER PRESENTATIONS
SYMPOSIUM
BOOK CHAPTER



— Research Directory

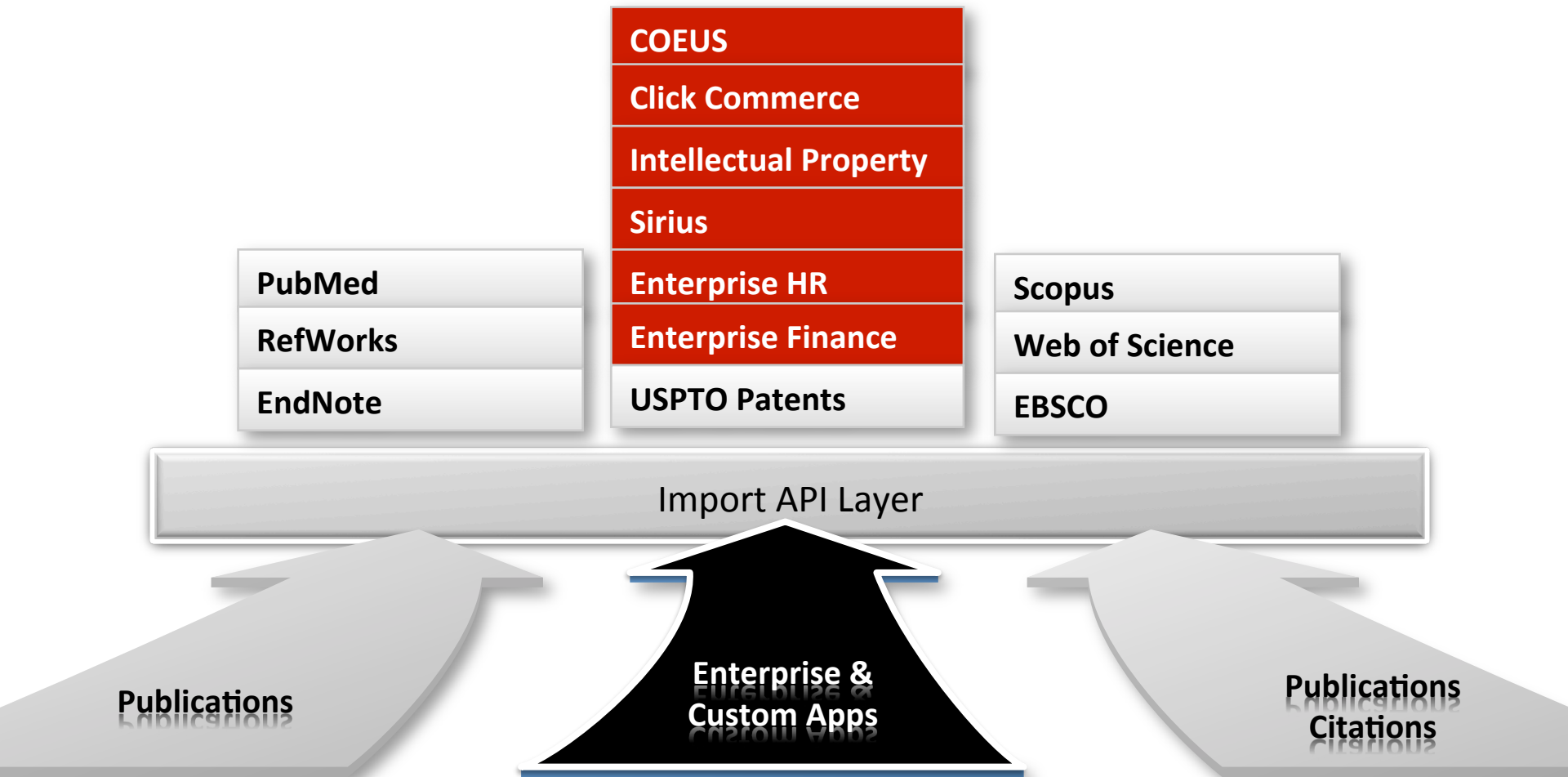
Focus on Knowledge Management

- Need: To create a portal for monitoring and aggregating both automated and manually entered information.
- Experts and administrators should have the ability to manage all data, control the visibility of data, and aggregate data for various purposes.
- Dynamic structure to define data elements, map data elements to existing data sources, show and hide data, filter & sort data, generate reports and export data in various formats including XML.



— Research Directory

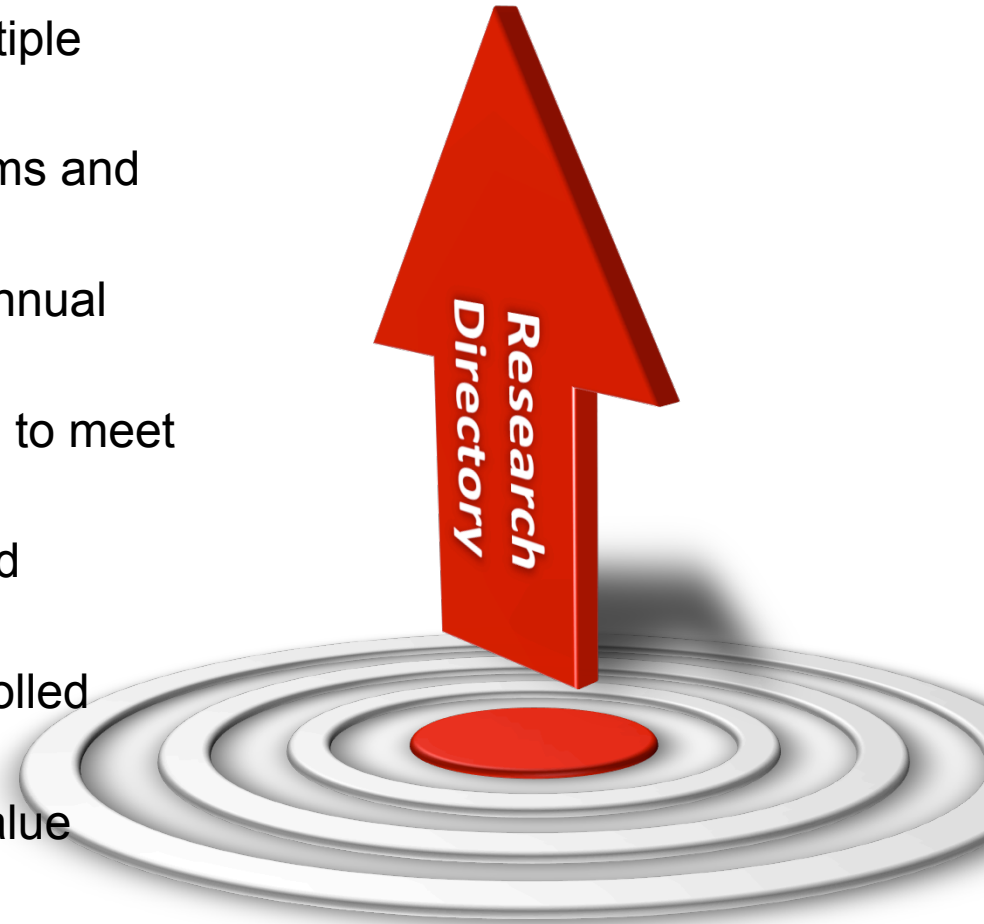
Automatic population from multiple sources



— Research Directory

Research Directory Distinguishing Factors

- ✓ Ability to aggregate information for multiple purposes
- ✓ Rich Integration to support other systems and services such as:
 - Grants dashboard, Electronic RPT, Annual Reporting, Accreditation Reporting
- ✓ Scalable structure that can be modified to meet institutional needs
- ✓ Ability to dynamically define objects and elements
- ✓ Rich security based on roles and controlled visibility
- ✓ Strong participation based on added value



Research Directory

Output Examples: websites, biosketches, annual reports, training grants, interdisciplinary research areas, facilities, grants dashboard, administrative reporting



■ scholar@uc

- A self-submission digital repository for faculty and researchers. Our mission is broad: “to preserve the permanent intellectual output of UC <....>” [https://scholar.uc.edu/about request](https://scholar.uc.edu/about_request)
- Supported by a new external partnership with ProjectHydra.org
- Sustained by a new internal working partnership between UC Libraries, UCIT and the UC Office of Research.

— scholar@uc

– agile and open source

- Agile, open source development – new to UC Libraries and in general to UC.
- Agile speaks to risk taking – release early, release often.
- Our code development is directly driven by the feedback from our Early Adopters – select faculty and researchers.

scholar@uc

Now in Beta at:

<https://scholar.uc.edu>

Code found at:

https://github.com/uclibs/scholar_uc

https://github.com/uclibs/curate_fork

https://github.com/uclibs/scholar_use_cases

<https://github.com/uclibs/scholar-puppet>

The screenshot shows the scholar@uc website. At the top, there is a navigation bar with links for UC Home, Visit UC, Support UC, Directories, and UC Tools. The main header features the scholar@uc logo and the University of Cincinnati logo. A search bar is prominently displayed with the text "Type keywords in here" and a search icon. Below the search bar, there are buttons for "Log In", "Browse", "About", and "Help!". The main content area is titled "Scholarly Articles" and includes a sub-header: "Scholar@UC supports published and unpublished scholarly articles and more." Below this is a "Begin!" button. A large image of an open book is featured. Underneath the book image, there is a "Scholarblog" section with three entries: "Scholar@UC 0.9.0 Released" (dated 4/2/2015), "Scholar@UC Input Forms Redesigned" (dated 3/19/2015), and "Scholar@UC and Box@UC available" (dated 3/5/2015). At the bottom, there are three circular icons representing "Digital Scholarship", "Data Services", and "Creating our Third Century", each with a brief description and a "View details" button.

— scholar@uc

– part of the UC Research Hub

Scholar@UC presents integration opportunities with Kaltura (video encoding and delivery system), the Research Directory and other systems – Scholar@UC is one of the building blocks of the Research Hub.

Along with support for data management, the Libraries are now visible in the infrastructure for research.

— scholar@uc

– changing culture at UC Libraries

Scholar@UC is the first open source project in UC Libraries. It is changing our culture from ‘buy and acquire’ to ‘create, innovate, steward.’ It is elevating the stature of development and technology skills among our faculty librarians.

We have a small development team also supporting other production systems, but our success to date is encouraging a multiplicity of potential projects in the digital humanities, open access publishing, digital archives and linked data – our challenge today is to continue to be strategic with what we take on.

— Engage with Researchers

18 months of stakeholder engagement and face-to-face discussions to establish and nurture a diverse pool of Early Adopters (EAs) for Scholar@UC.
~24 faculty & graduate student EAs at present, across all disciplines.



Self-submission repository = respect users' time, focus on what creates a positive first impression and adoption.

Rounds of structured feedback sessions on Scholar@UC functionalities with each EA, their assigned EA "liaison" and a development team member.

Updates based on early adopter feedback & associated [use cases](#):

- Revamped input forms
- Revised terms of use
- Author rights guidance



— Engage with Researchers

EAs as evangelists and ambassadors:

Scholar Stories (written & video testimonials)



Scholar Story Excerpt -

Education faculty member
Chris Swoboda speaks on the
benefits of Scholar@UC for
sharing & documentation of
research

EA engagement is changing the culture of UC Libraries:

- Developing models for repository services and training
- Subject librarians and all staff: many new conversations with researchers, greater awareness of researcher outputs and disciplinary practices
- Defining roles for new positions, including our team of informationists

— Researcher Support

Scholar@UC is one example of our expanding suite of programs to support researchers.

Strategic initiatives now underway to research and develop integrated services across the Research Hub, including

- research data consultation, data management curriculum
- GIS and visualization
- health informatics and analytics
- digital humanities



UC Libraries' new informationist team
(see [description of an informationist](#))

— Researcher Support

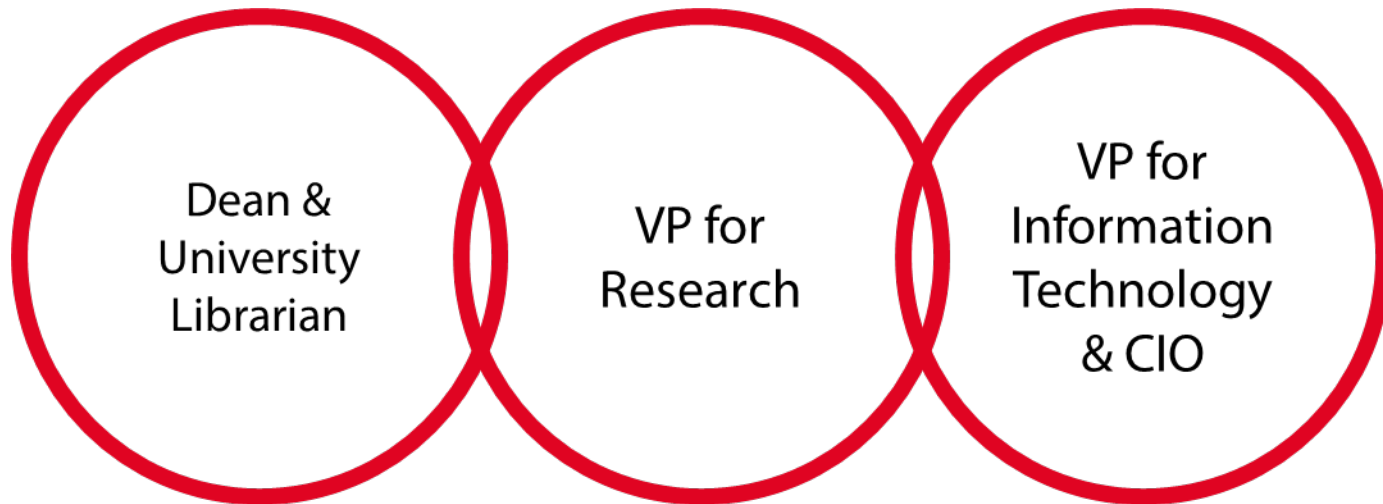
Strategic positions < 1 year old

- Informationist Team (STEM fields), Digital Humanities Strategist
- Cross-campus, cross-discipline, building trust with researchers
- Will host a [THATCamp](#) (humanities + technology camp) on May 4-6
- Hosted workshops from the [Center for Open Science](#) in March

Strong collaborations with UCIT and academic departments to foster relationships, build capacity, and deliver new programs to researchers.



— Conclusions



Challenges and conclusions:

Sustainability – campus politics and university priorities

How do we keep Libraries, IT and Office of Research at the table together?

How do we continue organizational transformation at the rate that is correct for our organizations?