

The Arc of Experience and Academic Library Futures

Ray Uzwyshyn, Ph.D. MBA MLIS
Acting AUL and Director of Research and Technology
Services
University of California, Riverside Libraries
<https://rayuzwyshyn.net>

Academic Library Beginnings

NYU, Bobst Library and Amberg Media center, 1991-2001,
MA & Ph.D NYU Dept. Media, Bobst Library
Everson Film Archives

MA & Ph.D. Graduate Student
Amberg Media Center

Research Assistant

William K. Everson Film Historian
(William K. Everson Film Archives)

Dr. Antonia Lant

Lincoln Center Performing Arts Library
NYPL Research Library
Anthology Film Archives
New School/Parsons School of Design Libraries
Columbia Libraries
Bobst Library Office



Internet Beginnings 1991-2001

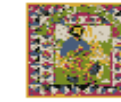
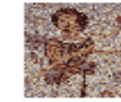
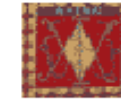
NY's Silicon Alley

Certificate of Multimedia & Web Technologies, NYU

Ph.D. Cinema/Media Studies

2000, NYU

4th Degree, MLIS University
of Western Ontario, 2002



Since the 1950s, thousands of Haitian men have been contracted by their government to the Dominican Republic through bilateral governmental treaties to work under sub-basic conditions in vast sugar plantations as sugar cane cutters or Braceros.

Batey Relief Alliance



A Foundation for the Betterment of Haitian
Migrant Farmworkers in the Dominican Republic

University of Miami Libraries, 2003-2006, 15K students

Recruited Down to
University of Miami
Libraries, 2003
First Webmaster,
Web Services Librarian,
Digital Initiatives
Librarian,
Web Services Manager

Beginning of Paradigm
Shift from Information
Literacy to Digital
Literacy



2003-2006, Digital Literacy UM Libraries

Paradigm Shift of Libraries from Book Warehouse to Interdisciplinary Digital Commons

Information Commons
(Universities Largest Computing Lab)
Massive Grants and Donations
Digital Libraries and Archives
Cuban Heritage Center
Interdisciplinary Faculty Collaborations
Refereed Online Journals
Innovative Interdisciplinary Initiatives,, Donor Engagement
Media Lab Manager
Digital Libraries,
Digital Archives
Special Collections
Online, Cuban Heritage Center



The following page lists donors and honorees to the University of Miami's Honor with Books program. This program allows the Libraries to enhance and preserve collections, provide the highest quality research assistance, and create inviting space for study. If you are a donor, thank you for your gift to the Libraries. Please click on one of the links below to find your name among our donors:

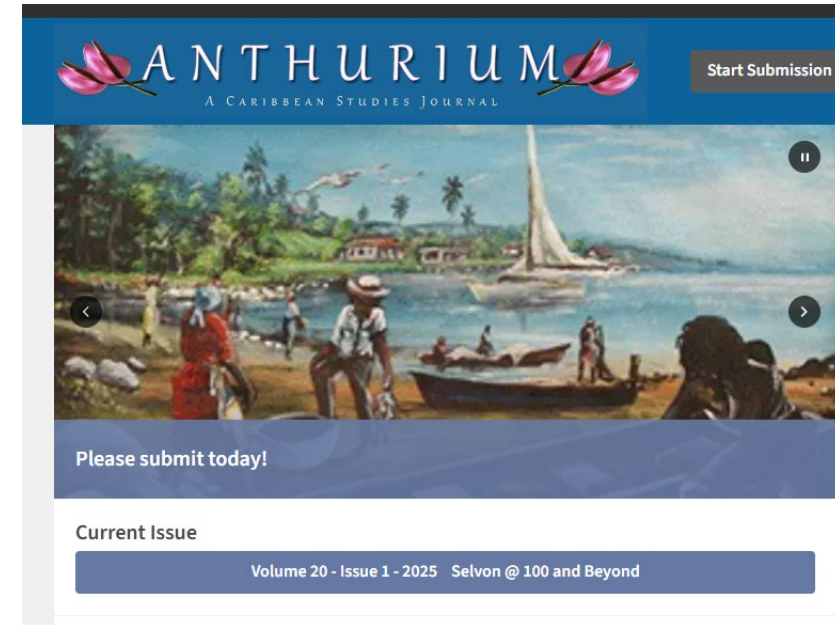
[2005-2006 Honor with Books Donors and Honorees List](#)
[Previous Honor with Books Donors and Honorees List](#)

If you would like to make a gift, please fill out the [Online Giving Form](#).
If you wish to learn more about the Honor with Books program, contact:

University of Miami, Otto G. Richter Library
1300 Memorial Drive, Coral Gables, FL 33124-0320
(305) 284-3233



Feedback
Otto G. Richter Library
1300 Memorial Dr., P.O. Box 248214
Coral Gables, Florida 33124-0320
Phone (305) 284-3233 FAX (305) 284-4027
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University of West Florida Libraries

2006-2010 1st Department Head Position,
Head, Digital and Learning Technologies

The Skylab: Digital Media and Archives Center, 2006-2010,
Information Literacy Lab, Digital Archive
and Multimedia Center

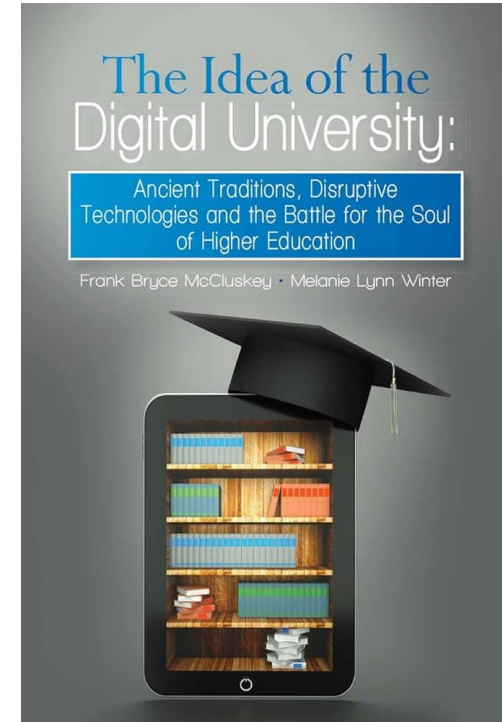


American Public University Libraries, AMU & APU

Completely Online University & Academic Libraries, 2010-2014

2011-2014, Director of Online Libraries and E-Resources

2 Million Dollar E-Resources Budget
Various National Awards for Online Learning
Free Online Curriculum
1800 Courses
22 Globally dispersed Librarians
NASDAQ Traded Corporation
MBA (IT Project Management)



AREAS OF FOCUS ▾ OUR STANDARDS ▾ CERTIFICATIONS ▾ EVENTS ▾ ABOUT US ▾ 🔍

HOME > LEARNING IMPACT AWARDS

Learning Impact 2012 Award Winners

Texas State University Libraries, 2014-2022

Director of Collections, Web and Digital Services

40K Students, 6.2- 8.8 Million Dollar
Materials e-Resources Budget,

45 Staff Across 3 Departments

40 Million Dollar

Enhanced Technology

Learning Commons Project

5M Electrical/Internet Furniture

10M Offsite Repository

25M Technology Enhanced Learning
Commons

Digital Initiatives Infrastructure from
Zero to Hero (Wittliff Special
Collections)

125th ARL Library (6 Year Journey)

Merrick Endowment (6 year streak
200k-400k yearly)

National Digital Scholarly Ecosystem

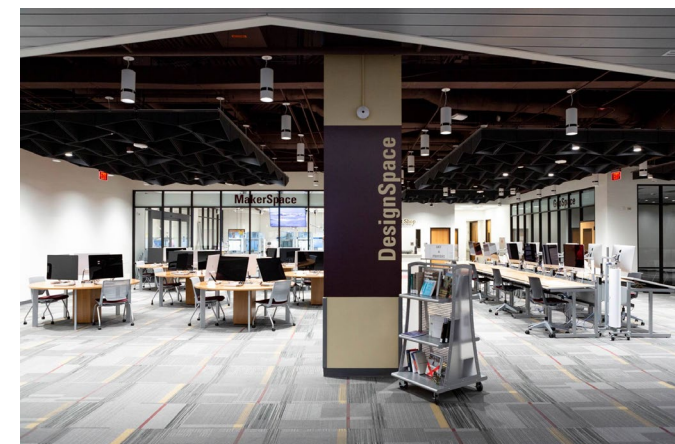
(Presented from DC to Oxford)

State and National Level Consortial

Data Repository 2014-2017

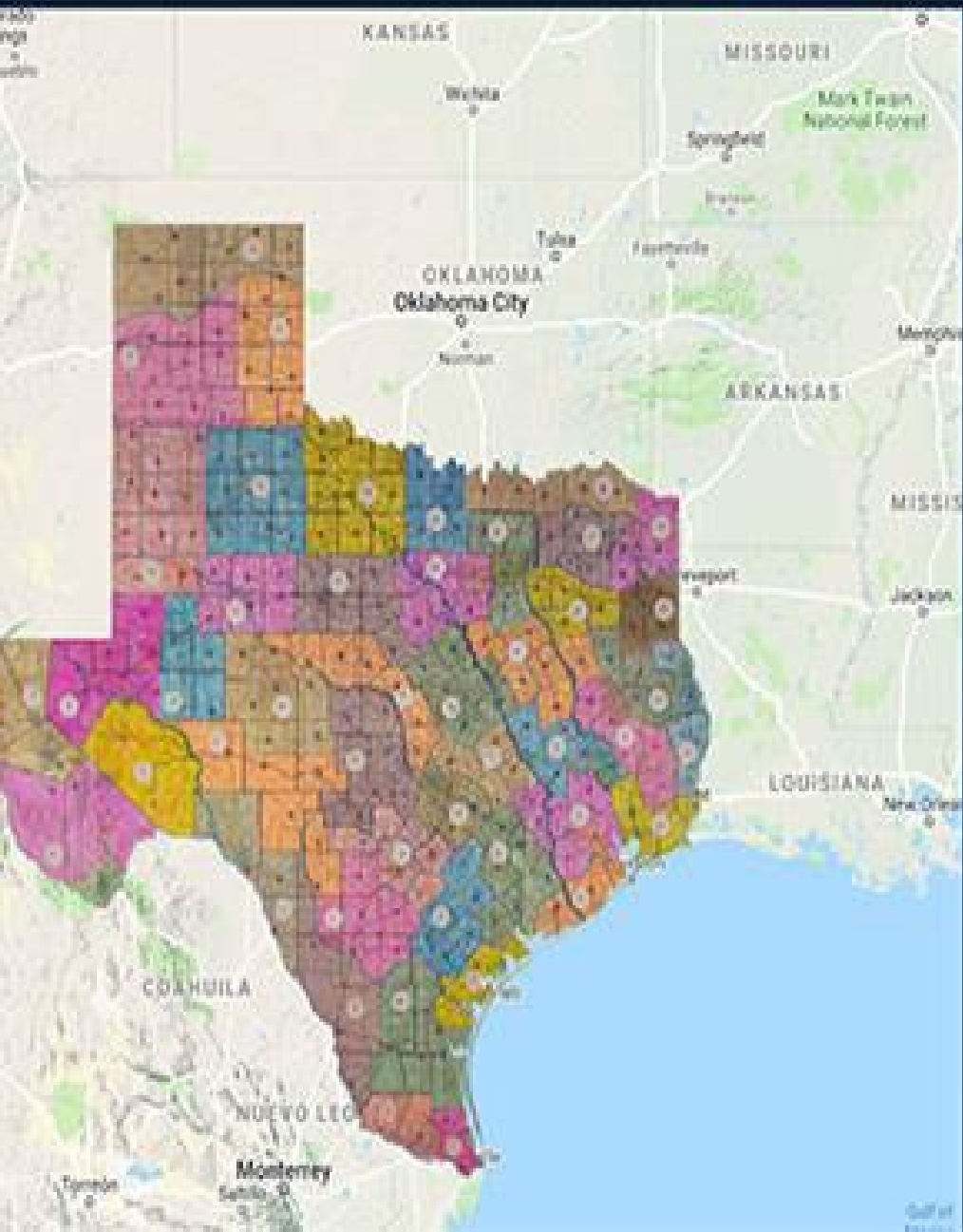
The Beginnings of AI, 2018-2022

Image Archives, CNN and GPU Pipelines



The National Tour of Texas

..... The Ultimate Texas Road Trip



Introduction



In 1987, Dick Reavis divided Texas into 48 regions that never existed before. His articles in Texas Monthly magazine were widely read.

Reavis divided Texas into 48 regions that never existed before. His articles in Texas Monthly magazine were widely read.

The Dick J. Reavis photographs, collected postcards, notes on his travels and more are available on this website.

You can now follow Reavis's journey – or create your own.

Click on any of the 48 regions on Reavis's map, or you can use the numeric and naming system that has been preserved here, to start your tour.

Reavis also recounts his ultimate Texas road trip in a video.

Dick J. Reavis is the award-winning author of seven books: *Die*; *Memories of a Civil Rights Movement Volunteer*; *Catch*; *Been a Neman*; *Fellow* at Harvard University, a Senior Editor at *Texas Monthly*. He is now Emeritus Associate Professor of English at the University of Texas at Austin.

Trip Notes: [Part 1](#) [Part 2](#) [Part 3](#) [Highlights](#)

[Note Excerpts with Then and Now images](#) [Guide to](#)

the making of Severo Perez's

...and the earth did not swallow him



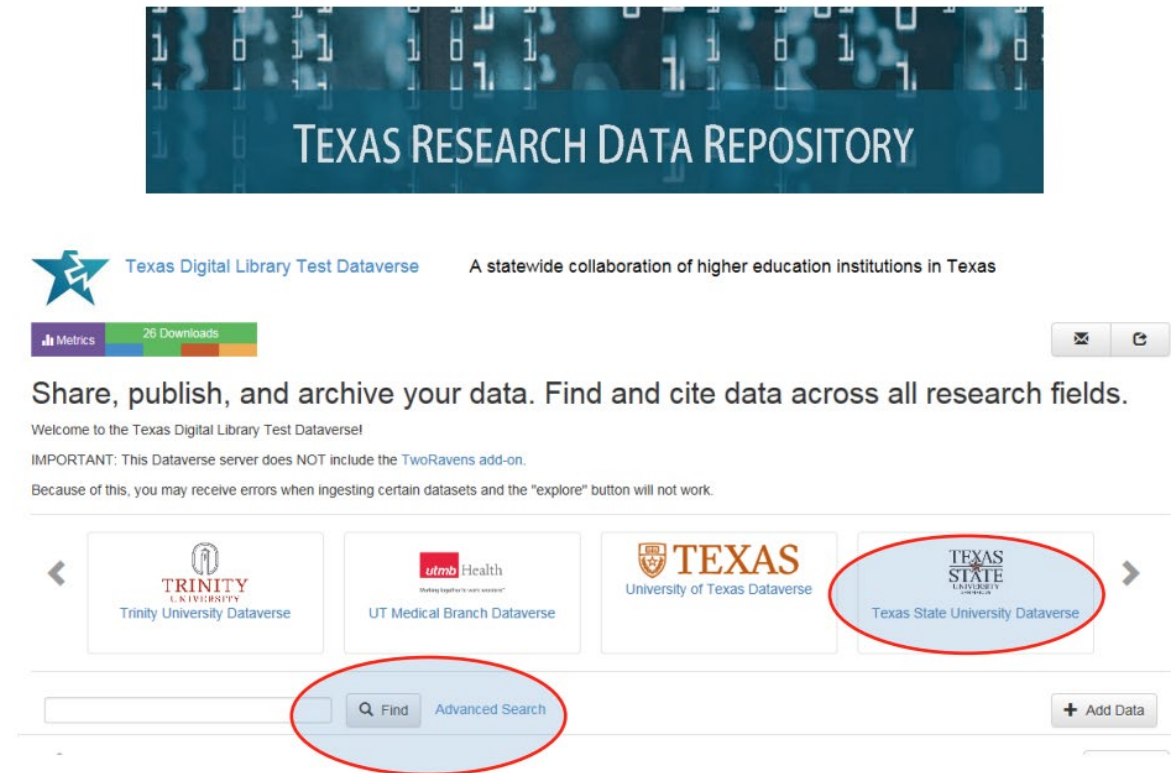
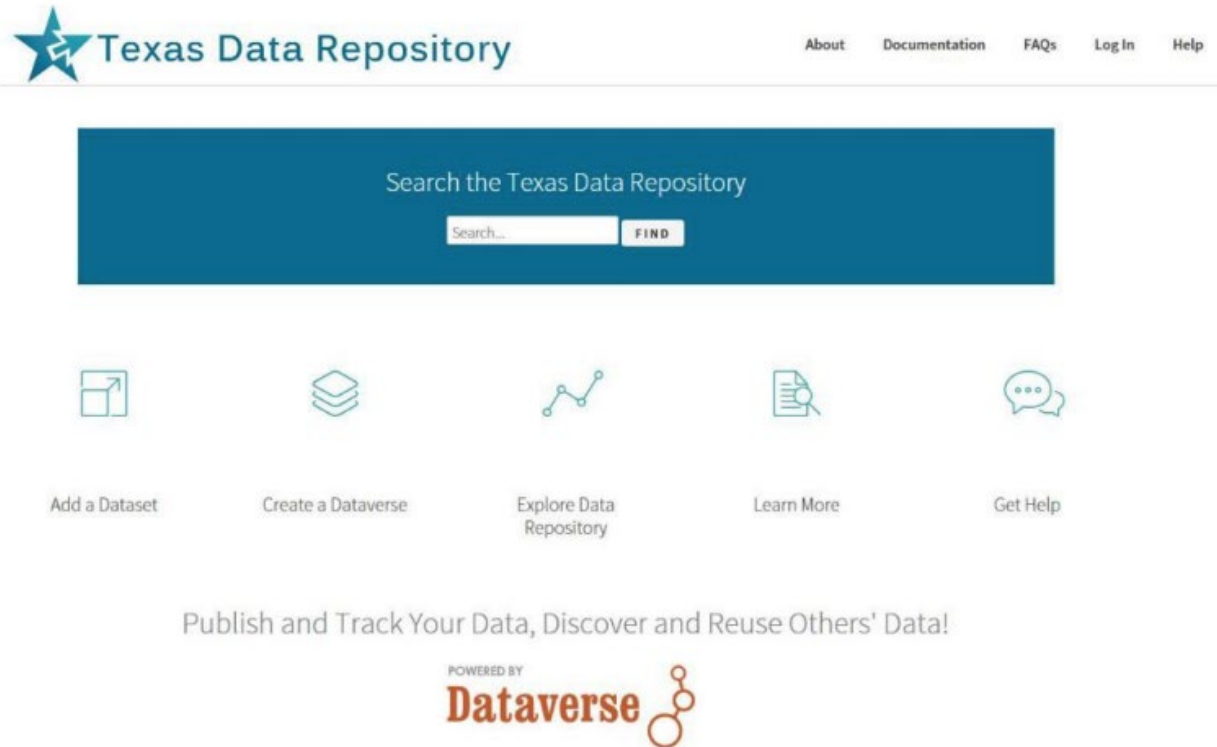
ABOUT * STORY & SCRIPT * CAST * FILMING/PRODUCTION * POST-PRODUCTION * ACCLAIM & AWARDS *



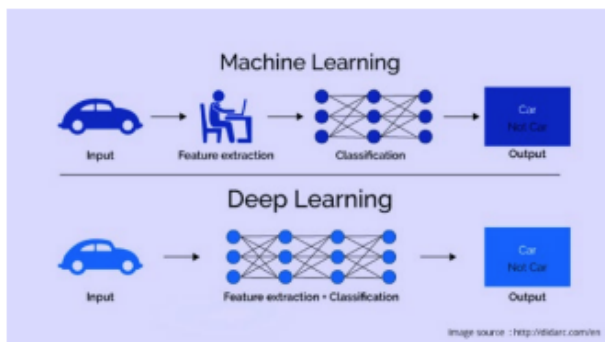
About



Texas State Research Data Repository 2014-2017



Foundations for AI: First State Data Repository and Fitr Global Consortial Research Data Repository: Dataverse Remix 2017, Beginnings of Algorithmic Literacy, Data Visualization, Data Cleaning, Python, R



Texas State Convolutional Neural Nets Football Jersey Number Feature Extraction Classification Prototype

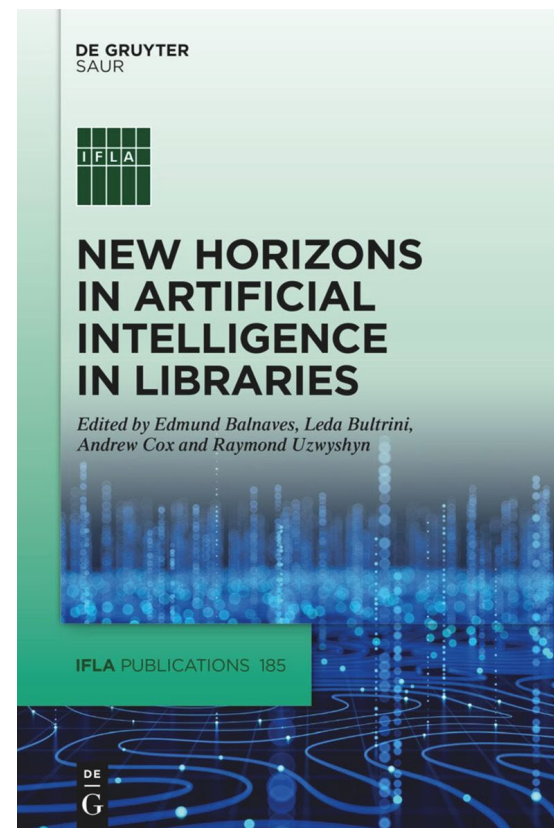
It will be important at this time for motivated library staff to also be encouraged with pursuing AI beta projects. More than larger successes, these projects will be important for staff to gain initial understandings of models and the various pieces needed here for working on convolutional neural nets and deep learning model projects. Learning new areas of knowledge are wide and will range from AI processing power parameters (compute) and new video cards (NVIDIA GPU's) to the Python programming language and vocabulary of pretrained and untrained models, classification, feature extraction, image and natural language libraries, to name a few.



Texas State San Marcos Newspaper Neural Nets Object Recognition Metadata Classification Project, Peters 2022.

What is important in these experiments is getting the staff thinking about these new models and what can or cannot yet be achieved. Understanding processes and possibilities is more important than large results at this stage. This will begin to get library staff working on levels of R&D and iterating on results as classification improves with model training.

Beginnings of AI in Libraries 2018 – 2022 Texas State University



AI Begins 2018: Convolutional Neural Nets CNN, Images and Image Classification, 100 Years of Newspaper Photographs, Labeling, Metadata, AI in Libraries Satellite Conference Galway, Ireland, 2022, Book Idea Publication Late 2025

University of California, Riverside, 2024-2026

Acting AUL for Research and Technology Services & Director of Research Services



Research Services: Traditional Library Research Services and Emerging Technology Units
GIS, Data Services, AI, Innovative Media, Digital Scholarship and Communication, Medicine and Core Library IT and Cyberinfrastructure
Academic Technologies, 17 Staff, 10 Students)

The background of the slide is a blurred photograph of a library interior. On the left side, there are wooden bookshelves filled with books. The right side of the image is dominated by a series of warm, out-of-focus light spots, likely from ceiling lights, creating a bokeh effect. The overall color palette is warm, with browns, yellows, and soft blues.

Academic Library Futures

Building Tomorrow's Academic Library Today

The Physical Library is Continuing to Experience a **Paradigm Shift** from **Book Warehouse** to **Online Research and Service Oriented Technology Enhanced Learning Commons**

80-85 % of Materials Budgets are currently Digital Resources, e-journals and e-books.

Only 15% of purchases are print materials (12% print books, 3% print serials).

Collection Management, Budget Models and Digital Services are all Changing towards Digital and now AI.

Learning Commons, Resource, Multimedia and Tutorials Centers are integrating with the physical Library.

Digital Literacy, Information Literacy, AI Literacy. Writing and Multiliteracy Centers are now integrating with the Libraries



Enabling Faculty and Students through Information, Digital and AI Literacy, The Other 97%

Workshops
Consultation
Traditional Library Research
Digital Scholarship
GIS, AI, Data Literacy

Labs
Makerspace
Innovative Media Lab
Robotics Lab
STAR Lab/AI Lab
(Coming Soon, the Future))



Digital Scholarship Certificate

AWARDED BY **UC RIVERSIDE** Library

EXPAND YOUR RESEARCH SKILLS IN DIGITAL METHODS AND TOOLS

How to Earn Your Certificate:

Undergraduate students <ul style="list-style-type: none">Complete at least 3 workshops	Graduate students, faculty, and early-career researchers <ul style="list-style-type: none">Complete at least 5 workshops
---	---

Workshops may be chosen from either the **Graduate** or **Undergraduate track**, and can be completed in person or on Zoom.

Enroll in our Canvas course to complete guided assignments and track your progress toward certification

Design and complete a capstone project that demonstrates your applied digital scholarship skills

TUESDAY, FEBRUARY 11



UC Love Data Week

Tue, Feb 11, 2025

 Virtual Event

Free

The Library is Becoming a Technology Rich Learning Commons, Focused Upon:

- Student and Faculty Research and Teaching Success
- Interdisciplinarity, Digital, Information & AI Literacy, Workforce Readiness
- The library is also a significant third place for socialization and study, the university's living room for student retention



Spectrum of New Technologies, Spaces and Services Possible For Student Success and Faculty Teaching

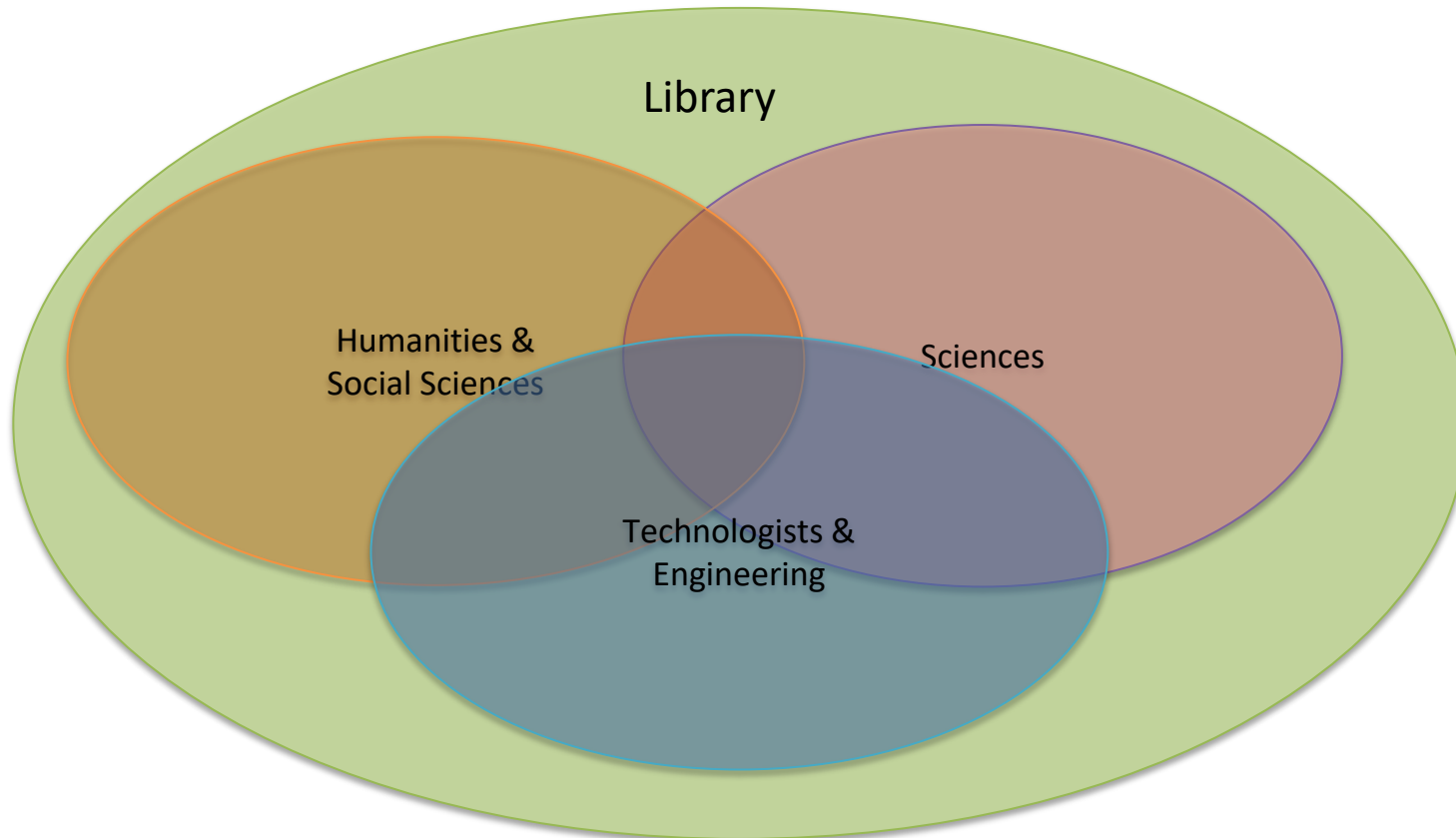
Data Visualization Walls, Student and Research Faculty & Student Tutorial & Centers, Instant Theatres for Discussion, 3D Printing Labs and Makerspaces



Renaissance Possibilities for Libraries

Interdisciplinarity is Key and Natural,
Information Digital and AI Literacy are More Important than Ever,

Amazing Possibilities
for Bringing Together
and Cross-fertilization
of Projects, Intelligent
and Educated
Faculty and Student
Skillsets



Library as
Safe Great
Third Space for
Higher
Learning both
Physically and
Online

Convergence of Space,
Technology, Learning



Innovative Interdisciplinary Research Grant Partnerships Are Possible with the Libraries

Among Faculty Divisions, the Library, Schools and Community



Visual Thinking Strategies
INSTITUTE

The University of Miami

Visual Thinking Strategies Institute (2003 - 2004)

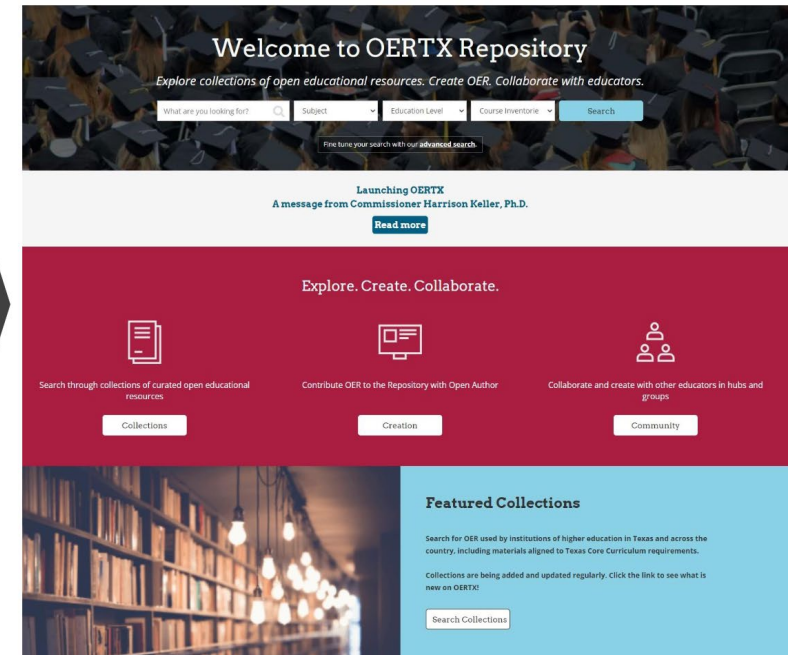
A progressive interdisciplinary endeavor between the Lowe Art Museum, University of Miami School of Education Teaching and Learning, University of Miami Project Succeed, UM Library Research and Educational Services, the Information Literacy Lab and Miami-Dade County Public Schools.

This site presents a summary of the students efforts through a "Visual Thinking Strategies" web curricula that could be used either as a teaching aid or classroom tool.

Please click through the pages on the left and feel free to use these pages as examples of Visual Thinking Strategies curricula for your own teaching or classes.

Digital & Information Literacy, Diversity & Interdisciplinarity, 2003 U Miami

Open Educational Resources



Welcome to OERTX Repository

Explore collections of open educational resources. Create OER. Collaborate with educators.

What are you looking for? Subject Education Level Course Inventory Search

Read more

Explore. Create. Collaborate.

Search through collections of curated open educational resources

Contribute OER to the Repository with Open Author

Collaborate and create with other educators in hubs and groups

Featured Collections

Search Collections

Texas State University, Faculty Training Canvas, 2022

Research Partnerships with Library
School of Education (2003), Texas State University OERTX, 2023
University Art Department/University Museum
Large State Bureau Of Education Grant

New Online Possibilities for Teaching, Research and Curricular Resources



250M+ items from scholarly publishers

60M open access items



53M Subjects

2.2M keywords



123M fields of study

22M MeSH headings



CloudSource

- CloudSource OA (Open Access)
- Article Galaxy Scholar
- >50% of all refereed scholarly research articles are published open access (2024)



**ARTICLE GALAXY
SCHOLAR**

Library Partnerships with Teaching Faculty

Online Course Guides

Direct
Curricular
Replacement

Secondary
Multimedia
Bibliography

University Global
Marketing/Branding/ROI



The screenshot shows the 'Online Library' page for the American Public University System (APUS). The page title is 'EVSP331 Public Lands Management | Course Guide'. It includes a search bar, navigation tabs for 'Home', 'Articles/Journals', 'Books', 'Multimedia', 'Web Resources', and 'Writing/Citing'. The main content area is titled 'Welcome to the EVSP331 Public Lands Course Guide!' and provides information about the course guide's purpose and resources. A sidebar on the left features a 'Bureau of Land Management News Feed' with several news items. A sidebar on the right introduces the librarian, Priscilla Coulter, M.S., M.L.S., and includes contact information and social media links.

Online Library American Public University System

APUS » Online Library: CampusGuides » Online Course Guides » EVSP331 Public Lands Management | Course Guide Admin Sign In

EVSP331 Public Lands Management | Course Guide

Tags: evsp


A guide to online library research for EVSP331 students at APUS.

Last Updated: Apr 29, 2013 | URL: <http://apus.campusguides.com/EVSP331> | [Print Guide](#) | [RSS Updates](#) | [Email Alerts](#) | [SHARE](#) [f](#) [t](#) [e](#)

[Home](#) [Articles/Journals](#) [Books](#) [Multimedia](#) [Web Resources](#) [Writing/Citing](#)

[Home](#) [Print Page](#) **Search:** This Guide [Search](#)

Bureau of Land Management News Feed



- [President Proposes \\$1.2 Billion for BLM in Fiscal Year 2014 to Protect Resources and Manage Uses of Public Lands](#)
- [Secretary Salazar Celebrates Establishment of San Juan Islands National Monument](#)
- [Secretary Salazar Celebrates Establishment of San Juan Islands National Monument](#)
- [BLM Announces Three Selections for National Wild Horse and Burro Advisory Board](#)
- [BLM Announces Three Selections for National Wild Horse and Burro Advisory Board](#)
- [Secretary Salazar Finalizes Plan](#)

Welcome!

Welcome to the EVSP331 Public Lands Course Guide!

This course guide will point you to key library subscription resources, including article databases, journals and books, as well as the best of the open web. **Use the tabs above to find the type of information you need.**

If you need help with your research projects, or with learning how to use library resources, [contact the librarians](#).

See also:

[Environmental Science | Program Guide](#)
by Priscilla Coulter - Last Updated Apr 29, 2013
A guide to online research tools for students and faculty in APUS environmental science programs.
772 views this year

Comments (0)

Related Video

[National Park Service Wilderness Channel.](#)



Librarian



Priscilla Coulter, M.S., M.L.S.

[f](#) [talk](#) [in](#) [t](#)

Contact Info
pcoulter@apus.edu
[Send Email](#)

Links:
[Profile & Guides](#)

Subjects:
Science & Technology

Tight Research Online Library Integration with Online Classroom is Possible

Learning Management System



American Public University

Home

Courses

Online Library

Student Handbook

Transfer Credit

MY STUDENT RECORD

Register Now

Enter Classes

Personal Information

Change Password
Change Contact Information

RMS Menu

Request Application
Request Withdraw from Course
Request Program Hold Request
Request Course Extension
Request Academic Program
Request US Transcript Orders

Online Library American Public University System

APUS » Online Library: CampusGuides » Home

Home

Course Guides

Electronic Reserves

Library Services

Tutorial Center

University Archives

University ePress

Help

Quick Links



• [Course Guides](#)

Library Collections Quick Access

Articles & Books

Journals

Databases

Course Guides

search

Search AquaBrowser for articles and books.

Core Academic Library
Systems Services Changing
(Shift to AI)

Interlibrary Loan Service
Taking Larger Research
Role
(Article Galaxy Scholar)

Larger Discovery & Open
Access Research Services
Possible



click here for

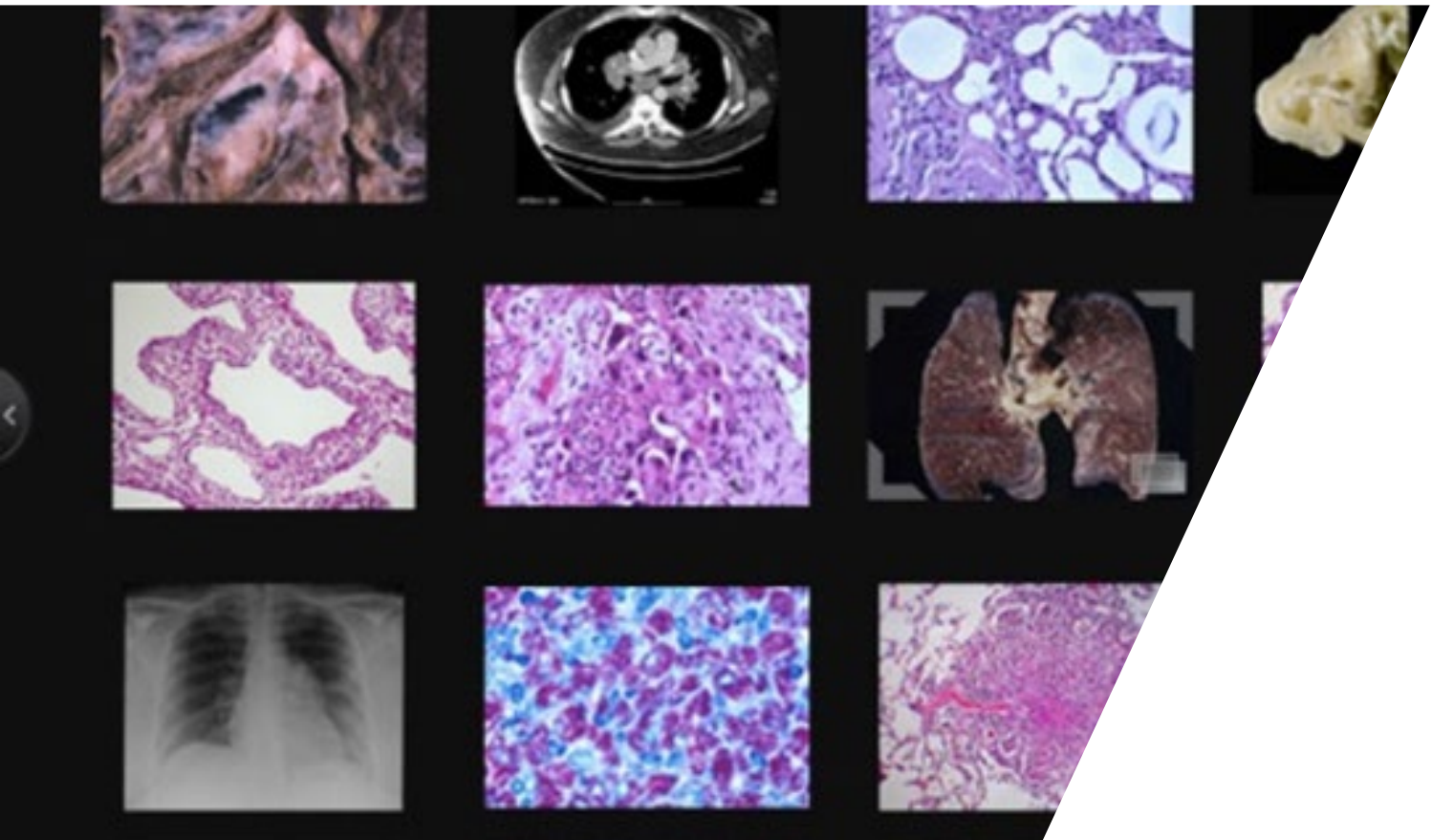
ILLiad

interlibrary loan borrowing system

A graphic of a yellow book with a blue arrow pointing right, containing a cluster of blue dots.

The Cuban Rafters Phenomenon A Unique Sea Exodus

Introduction
Main Site



New Genres of Digital Archives and Services Possible
Enable Scholarship From the Digital Humanities To STEM Sciences

- Collaboration with Research Faculty, Graduate Student and the Community Connects the Library to the wider academic and cultures of the environment

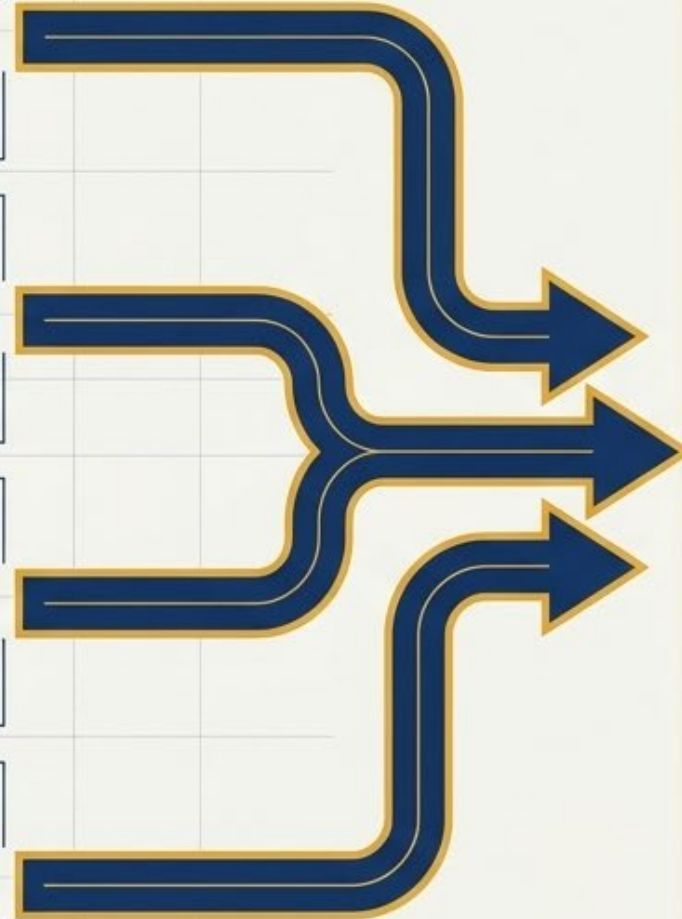
Infrastructure in Action: Interdisciplinary Deep Research

Hardware:
Dell RTX
Workstation

Software:
Local
DeepSeek R1

Support:
Data Scientist
Consult

Researcher:
Humanities &
Medicine



Tangible Research Outcomes

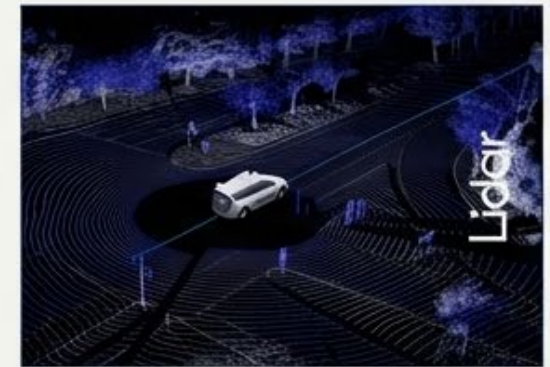
A. COVID Border GIS/AI Project

Mapping mortality using statistical qualitative data and AI insights.



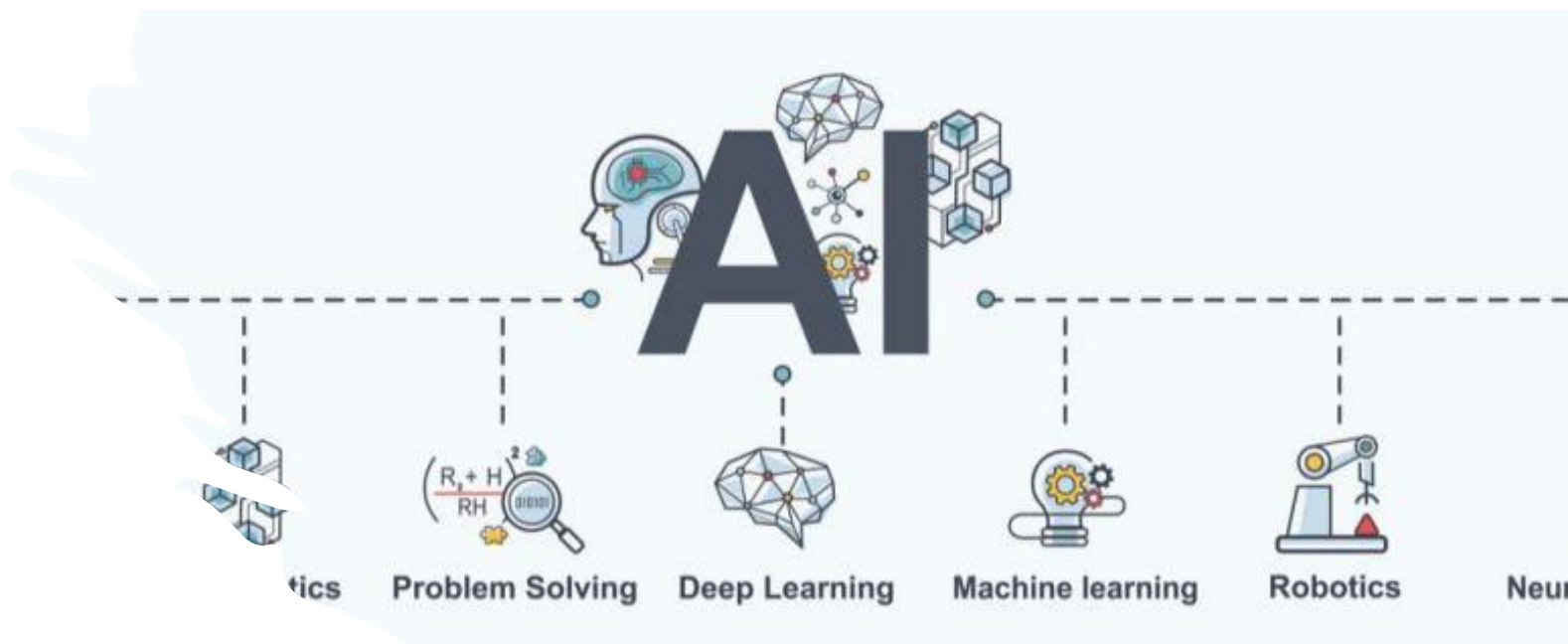
B. Autonomous Vehicle LIDAR

3D data storage and visualization of metadata for computer engineering.



AI Literacy is now Academic Libraries Main Literacy Imperative and Trajectory

- **Clear Paths from Basic Reading Writint to Information Digital, Data and AI Literacies**
- **New Classes of AI Research and Learning Competencies Needed**
- **New Positions Possible AI Research Librarian, Research Data/AI Scientist**
- **This Empowers the university and Faculty/Student Learning Teaching and Research**



University Libraries of Tomorrow are Still Places for Inspiration, Reflection, Study



Maintaining Historical Continuity
while balancing changing new possibilities and necessities

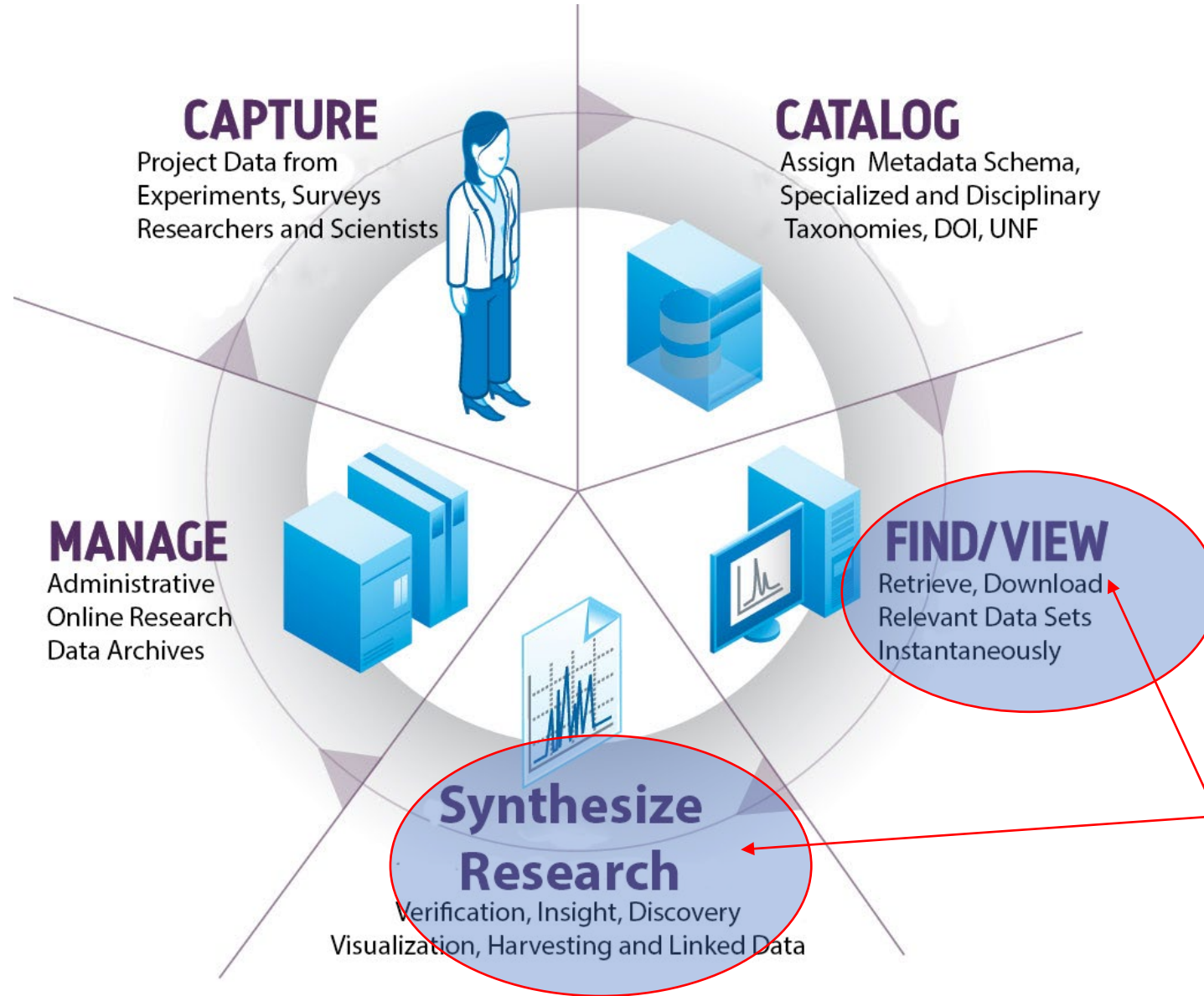
Thank you!

Comments or Questions

Ray Uzwyshyn Ph.D. MBA MLIS
<http://rayuzwyshyn.net>
ruzwyshyn@gmail.com

The Research Data Lifecycle and Libraries

Setting Better Foundations & Organization for AI Infrastructures



Data Repository provides Basic AI, Machine Learning Foundation For Open Science and Research Discovery.

