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# Built Works Registry (BWR)

IMLS National Leadership Grant

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# BWR Partners

□ ARTstor 

□ Avery Architectural & Fine Arts Library

AVERY ARCHITECTURAL  
& FINE ARTS LIBRARY

□ Getty Research Institute (GRI)



The Getty Research Institute

.....guided by an international advisory council

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# BWR project goals

- ❑ Construct a registry for architectural works and the built environment
  - ❑ Develop unique IDs & trusted data records for registered works
  - ❑ Reduce redundancy by providing a networked source of authoritative data
  - ❑ Develop a collaborative community plan to seed, build and/or edit a shared record
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# BWR Project teams & tasks

- ❑ Administrative – project direction
  - ❑ Advisory board – policy framework
  - ❑ Metadata – content development
  - ❑ Technical – infrastructure & tools building
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# Year 1 Work Efforts

1. **Policies**: What is a work; intellectual rights management; community contributions, and sustainability.
  2. **Technology**: Building and development of technical infrastructure.
  3. **Metadata**: Development of schema & data dictionary.
  4. **Content**: Identify, extract, verify and normalize data sets from 5 data source files.
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# Work effort 1: Policies

- Founders Agreement
    - Joint ownership of BWR records
    - Establishes BWR standing committee
    - Succession plan
  
  - Contributor Agreements
    - Institutional contributions
    - Individual contributors
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# Work effort 2: Technology

Technology platform = ARTstor Shared Shelf

- Data contribution environment
    - individuals
    - Institutions
  
  - Data repository
    - BWR records contributed to ARTstor Vocabulary warehouse
    - BWR records shared with Getty's CONA
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# Work effort 3: Metadata

- Schema
    - Core fields and an extended data model
  - Data dictionary
    - Provides guidelines for contributors
  - Linked Data Strategy
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# Work effort 4: Content

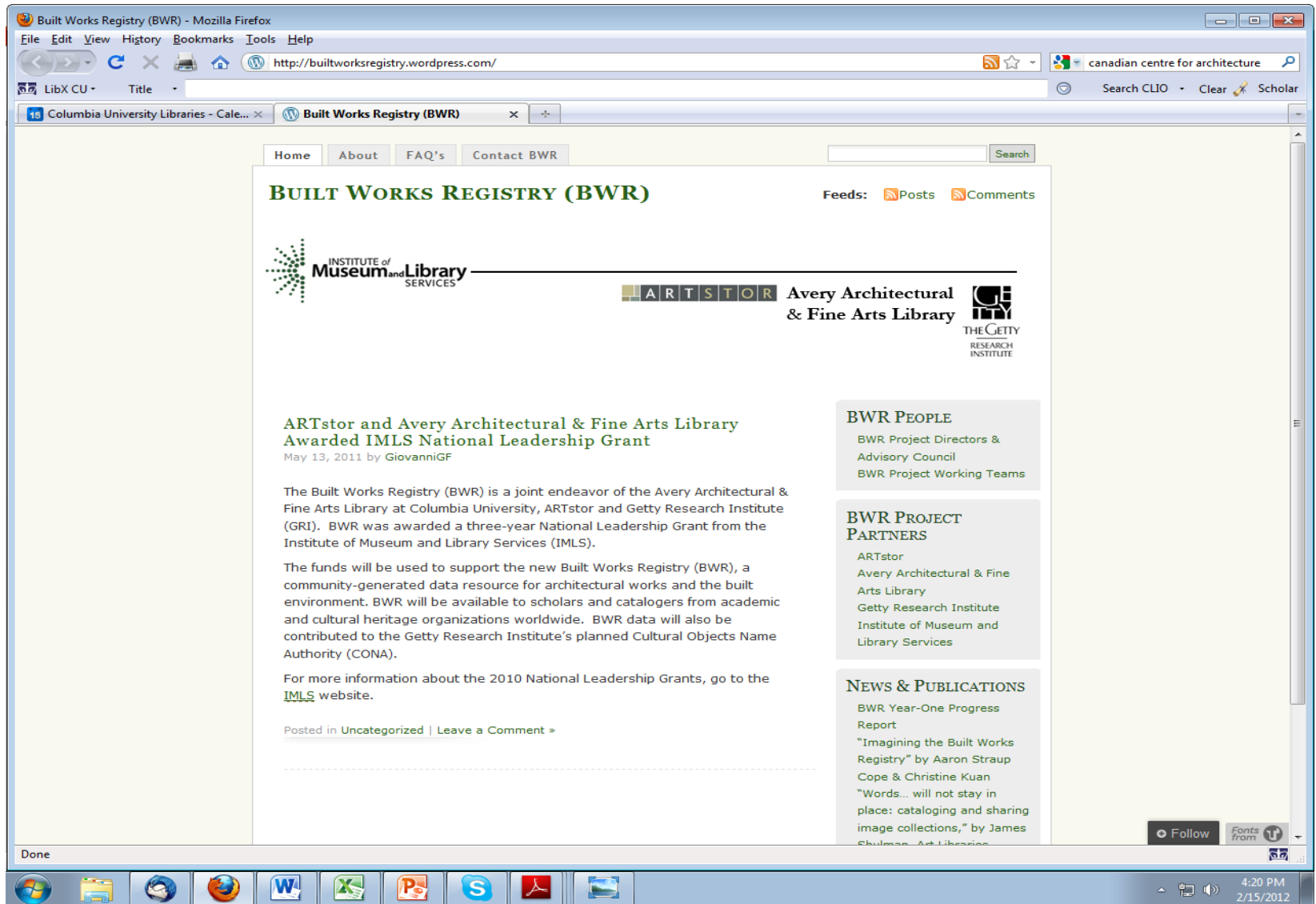
- Goal: registry of ~100,000 unique identified built works
  
  - Identify, extract, & verify data from five sources:
    - Harvard's Olivia work records ~392,917 (parsed 55,621 works sites)
    - Cornell's Pictor work records ~13,847 (parsed 1,611 works/sites)
    - Avery Index subject term strings ~433,131
    - Avery's AVIADOR subject term strings ~4,878
    - ARTstor image records ~70,000
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Field Name	AVIADOR	Harvard	Cornell	Avery	ARTstor
Title/Name of Building	Fallingwater, Kaufmann House	Fallingwater, Edgar J. Kaufmann House, Kaufmann House	Falling Water, Edgar J. Kaufmann Residence	Fallingwater (Kaufmann house).	Fallingwater, Edgar J. Kaufmann House, Kaufmann House
Location	Bear Run, (Pa.)	Bear Run, Pennsylvania, United States	Bear Run, PA, United States, North and Central America	Bear Run (Pennsylvania), United States	Mill Run, Pennsylvania, United States
Creator	Wright, Frank Lloyd One record with Ferriss, Hugh	Wright, Frank Lloyd	Wright, Frank Lloyd	Wright, Frank Lloyd	Wright, Frank Lloyd
Date		1935-1939	1934-1938		1935-1936
Work Type	Vacation houses, Houses, Country Houses	houses	House		House
Style/Period			Modern		Modernist
Subject		Summer houses; vacation houses; terrace houses; hillside architecture	Houses		Dwellings, Houses, Cantilevers, Waterfalls, Architecture—United States, National Historic Landmarks Program (U.S.), Architecture, Modern—20 <sup>th</sup> century, Kaufmann, Edgar J., 1885-1955
Culture		American	American		
Description			Modern Architecture		
Other names		Kaufmann, Edgar J. (patron)			

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# Content-Next Steps

- Aggregate & Disambiguate one source data set
  - Normalize & Enhance those data to create one master data set of 'clean' stub records
  - Match iteratively, each of the other 4 source data sets
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<http://builtworksregistry.wordpress.com/>