

3-24-2023

Digital Activities: Florida International University Libraries Annual Report, FY 2021-2022

Florida International University

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Recommended Citation

Florida International University; Rogers, Jamie; Krefft, Jill V.; Rae, Rhia; Gonzalez, Veronica; Bakker, Rebecca; Rowan, Kelley; and Castro, Molly, "Digital Activities: Florida International University Libraries Annual Report, FY 2021-2022" (2023). *FIU Digital Collections Center Annual Reports*. 17.
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DIGITAL INITIATIVES



Image courtesy of the Celia Cruz Music Score Collection <http://dpanther.fiu.edu/dpanther/collections/ccms>

ANNUAL REPORT ON DIGITAL ACTIVITIES FY 2021/2022



Libraries

FLORIDA INTERNATIONAL UNIVERSITY

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OVERVIEW

Background

FIU'S DIGITAL LIBRARY

The mission of the Florida International University (FIU) Digital Collections Center is to build online collections of enduring value for the university and broader user community by identifying, digitizing, and preserving information resources of scholarly, educational, and civic interest.

The Center's digital collections focus on local and regional materials of historical, scientific, cultural, and educational importance. FIU's locally hosted digital library system, dPanther, is home to over 92,346 items and 392,787 pages in 109 collections, which are contributed by FIU's university and community partners.

<http://dpanther.fiu.edu/>

FIU'S INSTITUTIONAL REPOSITORY

FIU's Institutional Repository is a full text, online, open access repository and publishing platform for the scholarship, creative output, and history of FIU. The goals of the repository are to:

- Serve as a persistent and centralized access point for FIU scholarship and creative works
- Promote faculty and student research to a global community
- Preserve the history, growth, and development of FIU
- Provide a platform for faculty to post Open Access copies of publications to meet OA requirements of funding agencies.

The repository is hosted by Berkley Electronic Press (BePress), which boasts a strong network of about 640 institutions across the globe. Our repository hosts over 27,373 papers, presentations, reports, images, and videos from over 65 departments and centers. More information is available at:

<http://digitalcommons.fiu.edu/about.html>

FIU'S DATA REPOSITORY

The Research Data Portal is an inter-disciplinary data archive to support access and reuse of finalized research data sets produced at FIU. Funded by a student technology fee grant, the Research Data Portal is built on the Harvard Dataverse open-source web application to help faculty and students share, preserve, cite, explore, and analyze research data. The repository contains 63 datasets totaling over 836 files, which have been downloaded 1,345 times since 2019.

In 2021/2022, The Research Data Portal supported data sharing requirements for funded projects including the Mellon funded dLOC as Data project, and Department of Transportation funded projects from University Transportation Center. <http://dataverse.fiu.edu>

FIU'S CARIBBEAN COLLECTIONS

FIU's Caribbean collections are hosted in the Digital Library of the Caribbean (dLOC). These FIU Special Collections materials consist of documents, photographs, maps, videos, music, artwork, and rare books, with an emphasis on the history, literature, culture, architecture, and arts of the countries of the Caribbean basin. Collection materials include the Enrique Hurtado de Mendoza Collection of Cuban Genealogy, Flora of the Caribbean, Abeng and Struggle newspapers, as well as Cuban pamphlets and postcards. FIU's Caribbean Collections are comprised of over 8,693 items and 68,057 pages. <http://dloc.com/ifiudloc>

OVERVIEW

Fiscal Year 2021/2022 Highlights

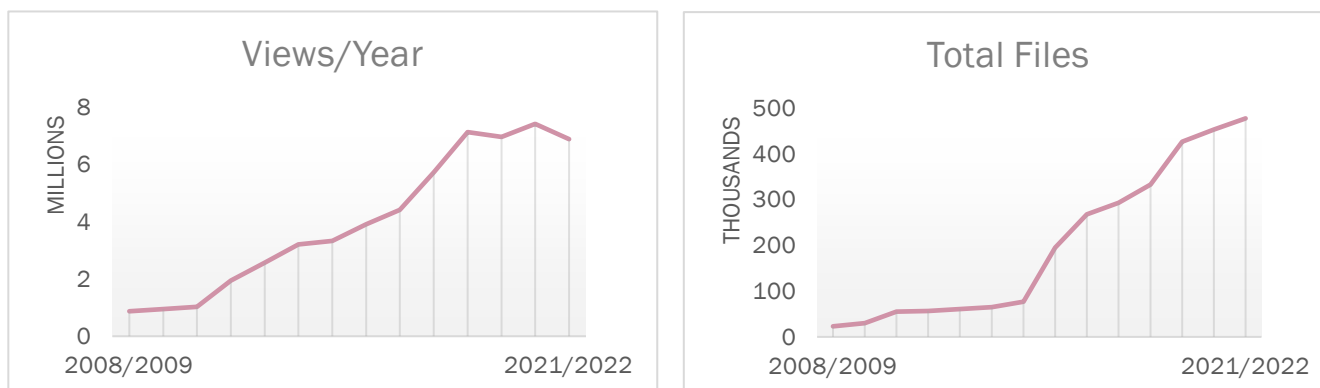
DIGITAL COLLECTIONS GROWTH

- The Digital Library and Institutional Repository accomplished significant growth this past year, with **23,998 files** added to the online repositories, and a total of **137,257 items / 476,738 files**.
- This year the Institutional Repository added **4,128 items** with special focus on supporting virtual events, hosting new journals, and supporting strategic initiatives. Digital Commons supports open access through the management and publication of unique peer reviewed OA Journals including the newly founded ***FIU Undergraduate Research Journal*** and the ***American Journal on Non-Communicable Disease***. For a full list of OA Journals supported through Digital Commons visit: https://digitalcommons.fiu.edu/peer_review_list.html. In addition, the Institutional Repository is hosting the *Security Research Reports Hub*, an initiative in collaboration with the *Jack Gordon Institute and United States Southern Command*. The *Reports Hub* consists of **1,100 reports** with over **12,000 downloads** in FY 2021-2022.
- The FIU Libraries established several *new community partnerships* and continued existing partnerships in collaboration with the Wolfsonian Public Humanities Lab for the *Mellon funded Community Data Curation* grant. These partners include the *Historic Hampton House*, *Jewish Museum of Florida-FIU*, *Sant La Haitian Neighborhood Center*, *Museum of Graffiti*, *African American Research Library and Cultural Center-Broward County Library*, *Stonewall National Museum & Archives*, *World Aids Museum*, as well as *Vizcaya Museum & Gardens*.
- We continue to publish and archive electronic theses and dissertations (ETDs), which include the works of new FIU graduates as well as retrospective digitization of theses and dissertations dating back to the opening of the university. **279 new ETDs** were published and archived in 2021/2022.

DIGITAL COLLECTIONS USAGE

In total, FIU's Digital Library, Caribbean Collections, and Institutional Repository materials received **6.8 million views/downloads** during the 2021/2022 fiscal year.

ANNUAL USAGE & COLLECTIONS GROWTH AT A GLANCE

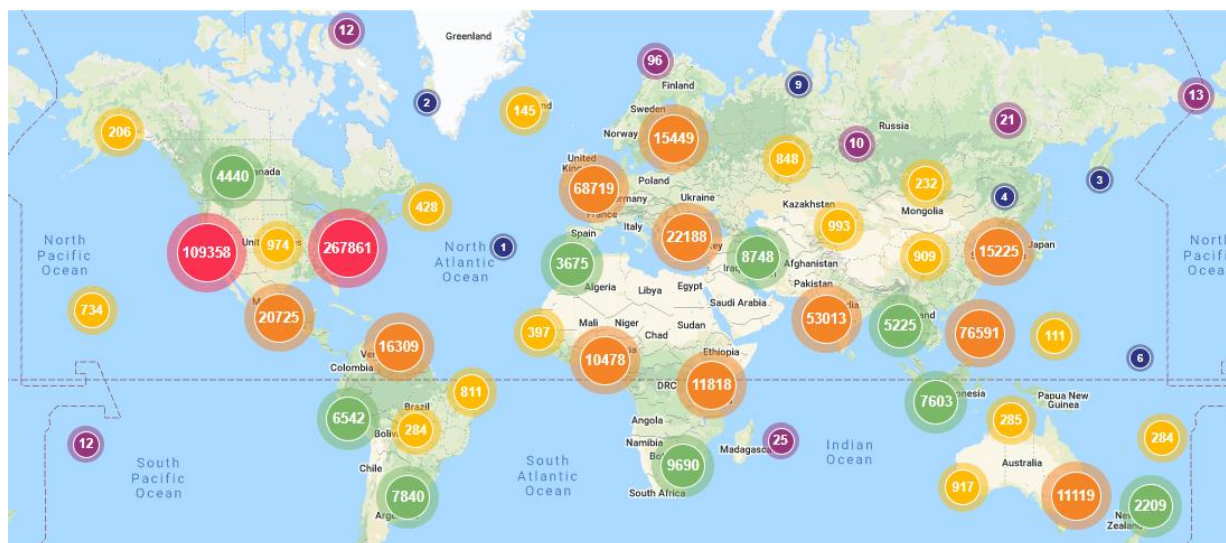


*Views/Year are not in aggregate. Total Files indicates the sum of all files up to the end of that fiscal year.

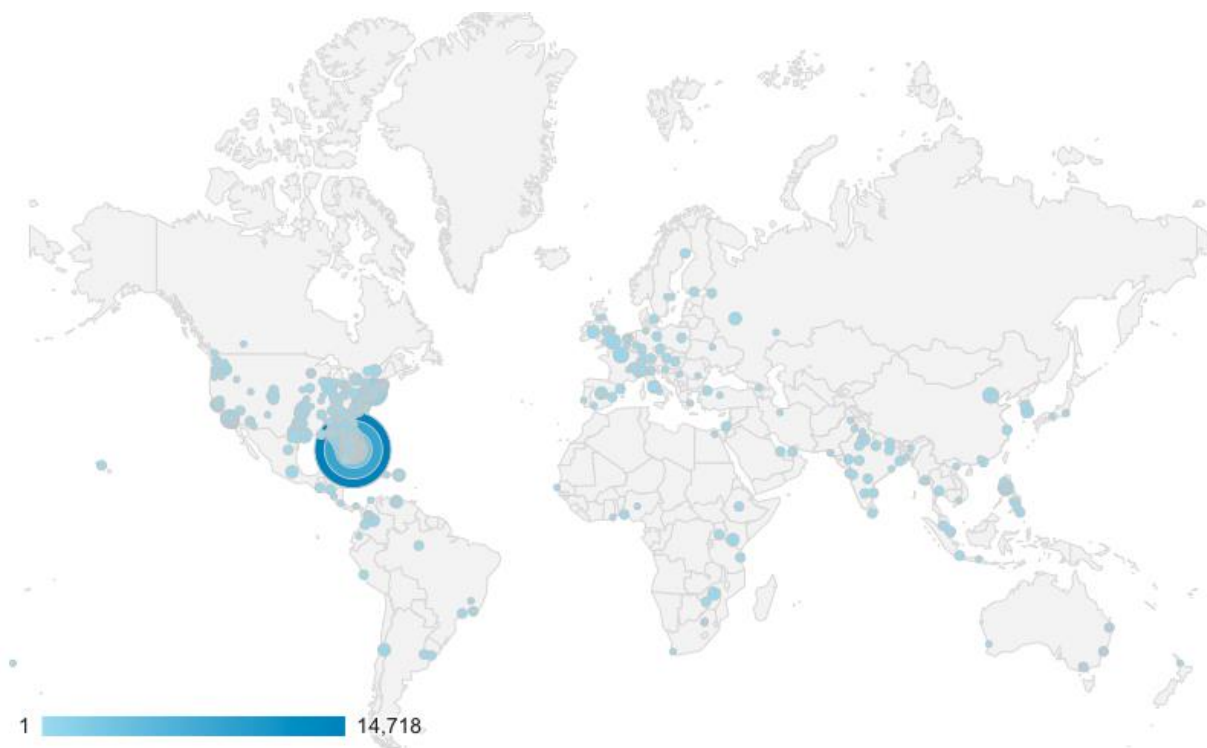
OVERVIEW

Audience Distribution

Collections in Digital Commons and dPanther are accessed across the globe. The readership distribution maps below illustrate the reach and visibility of the collections to the global community.



This map indicates the number of DigitalCommons downloads by city.



This map indicates the number of dPanther user sessions by city.

DIGITAL INITIATIVES

Research and Sponsored Projects

REPRESENTING MINORITY GROUPS AND THEIR CULTURAL HERITAGE

Council on Library and Information Resources (CLIR)
Recordings at Risk



In 2021, the Florida International University (FIU) Libraries were awarded a grant through the CLIR Recordings at Risk program in collaboration with the University of California Santa Barbara (UCSB). The project titled *Representing Minority Groups and Their Cultural Heritage through Access and Preservation of Unique Caribbean Musical Recordings (1900 to 1935)* will create access to a cassette collection series that embraces a large range of geographic regions, mostly from the Caribbean area. There are historical recordings from Cuba, Puerto Rico, Colombia, and the Dominican Republic as well as other Latin American countries such as Argentina, Mexico, and Venezuela. This collection represents a unique research tool to explore, among others, cultural, social, and political issues that occurred in those countries during the early 1900s. This funding has supported the digitization, metadata creation, and online access of **1,200 unique Caribbean and Latin American music recordings**. These rare and at-risk recordings from the Díaz-Ayala Collection at FIU were previously only available on cassettes, which are analog magnetic

tapes susceptible to wear and tear from playback as well as environmental factors like humidity, light, or in the worst-case scenario, natural disaster. The risk of damage and the vulnerability of these materials increases daily, and their loss would mean the permanent destruction of a unique aspect of our history.

ENHANCING ACCESS AND RESEARCH POSSIBILITIES THROUGH CRITICAL ENGAGEMENT WITH HISTORICAL DATA

National Endowment for the Humanities,
Humanities Collections and Reference Resources



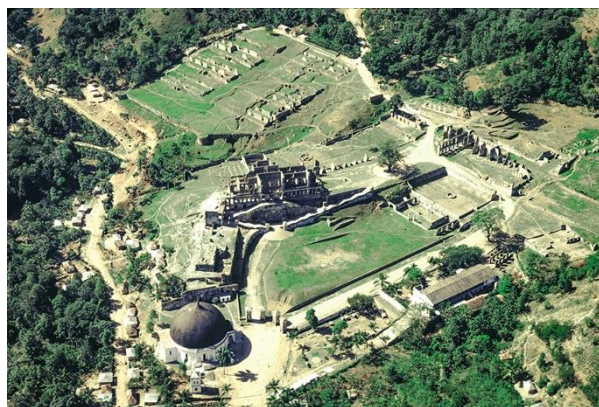
In early 2022, the Special Collections and University Archives, Digital Collections Center, and GIS Center at the FIU Libraries were awarded a grant through

DIGITAL INITIATIVES

the Humanities Collections and Reference Resources Program of the National Endowment for the Humanities. The goal of this project is to make the stories of Black lives more discoverable, underscoring South Florida's position within our nation's fraught history of struggle for equity and racial justice. This will be accomplished through enhancing access to the histories contained in the papers of Dana A. Dorsey (1868 - 1940), who was regarded as a successful Black businessman of his time and known as the first Black millionaire in Miami. The [Dana A. Dorsey Papers](#), donated by [Professor Emeritus Marvin Dunn](#) to the [Special Collections and University Archives](#) at FIU, consist of **over 290** warranty deeds, mortgages, legal documents, and correspondence, which detail the properties and locations of what were the newly created Miami sub-divisions from around 1900 through 1940. Through this grant, the FIU Libraries aim to work with others in the South Florida archives community to collectively build best practices for identifying, organizing, and sharing the historical data as well as highlight the historical contributions of Miami's Black residents.

OUR HISTORY IS OUR FORCE: PROTECTING HAITIAN NATIONAL PATRIMONY

Modern Endangered Archives Program (MEAP)



In early 2020, Dr. Hadassah Saint-Hubert was awarded funding for the *Our History is Our Force*:

Protecting Haitian National Patrimony project through the Modern Endangered Archives Program. Over the past year, the FIU Libraries have continued her great work, leading this funded project in collaboration with the Digital Library of the Caribbean (dLOC) and the Institut de Sauvegarde du Patrimoine National (ISPAN). ISPAN was founded in 1979 with the purpose of protecting Haitian national patrimony, including securing UNESCO World Heritage Site designations for the Palace of Sans-Souci and Citadelle Henri, built in the early 1800s after Haiti's independence from France. As part of this work, ISPAN has undertaken numerous research studies and investigations that have resulted in an impressive archive comprised of documentation on archaeological explorations, research publications from Haitian scholars, **over 750 architectural plans and sketches**, and **75,000+ photographic prints, slides, and negatives** of Haiti's monuments, structures, and cultural and historical sites (including images of restoration activities). Funding from the Modern Endangered Archive Program is supporting ISPAN in the digitization of their extensive archive as well as making these at-risk items available online for future research and scholarship.



DIGITAL INITIATIVES

COMMUNITY DATA CURATION: PRESERVING, CREATING, AND NARRATING EVERYDAY STORIES

Andrew W. Mellon Foundation



In 2020, the Andrew W. Mellon Foundation awarded FIU a \$1 million grant for *Community Data Curation: Preserving, Creating, and Narrating Everyday Stories*, led by Dr. Rebecca Friedman and Dr. Julio Capó. Eight community organizations, including local museums, public libraries, and a neighborhood support center have partnered with the Wolfsonian Public Humanities Lab and the Libraries at Florida International University through this grant. The partners include: 1) Sant La Haitian Neighborhood Center; 2) the Historic Hampton House; 3) the Museum of Graffiti; 4) Broward County Library's African American Research Library and Cultural Center; 5) the Jewish Museum of Florida–FIU; 6) Vizcaya Museum and Gardens; 7) the World AIDS

Museum and Educational Center; and 8) the Stonewall National Museum and Archives. This project aims to support infrastructure and capacity building for the project partners to expand the reach of their community histories, build a network amongst the organizations, and put their community histories in conversation with each other, drawing out the nuances of intersection. The project deliverables are collections of digitized materials consisting of about **360 items from each of the organizations** as well as a set of **10-12 oral histories produced by each organization**. The university is also providing training for digitization, metadata creation, conducting oral histories, as well as ordering equipment that will remain with each organization. Each partner will be funded for public programming related to their collections, receive three years of intern assistance, and annual stipends as compensation for their own personnel labor on the grant.

DIGITAL INITIATIVES

Research Data Management

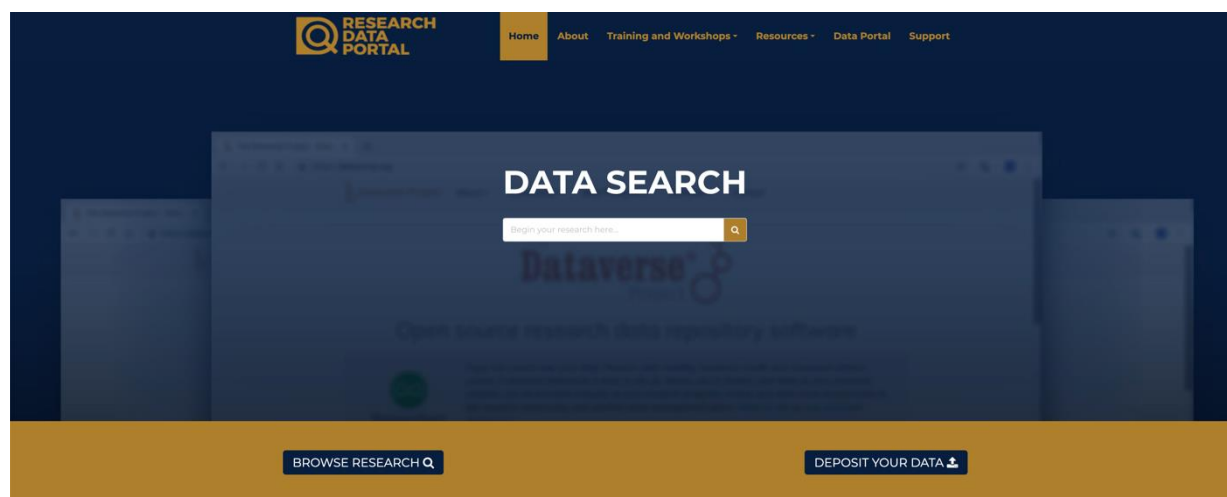
ABOUT THE RESEARCH DATA PORTAL

The FIU Research Data Portal serves as an interdisciplinary data archive to support access and reuse of research data produced at FIU.

The Research Data Portal is built on the Harvard developed open-source web application, Dataverse, to help faculty and students share, preserve, cite, explore, and analyze their research data.

Members across departments and disciplines at FIU, including Biological Sciences, History, Digital Humanities, Computer Science, Engineering, and Health Sciences all utilize the data repository to share and preserve their data.

For more detailed information about Dataverse, visit <http://rdm.fiu.edu/dataverse/>.



2021/2022 FIGURES

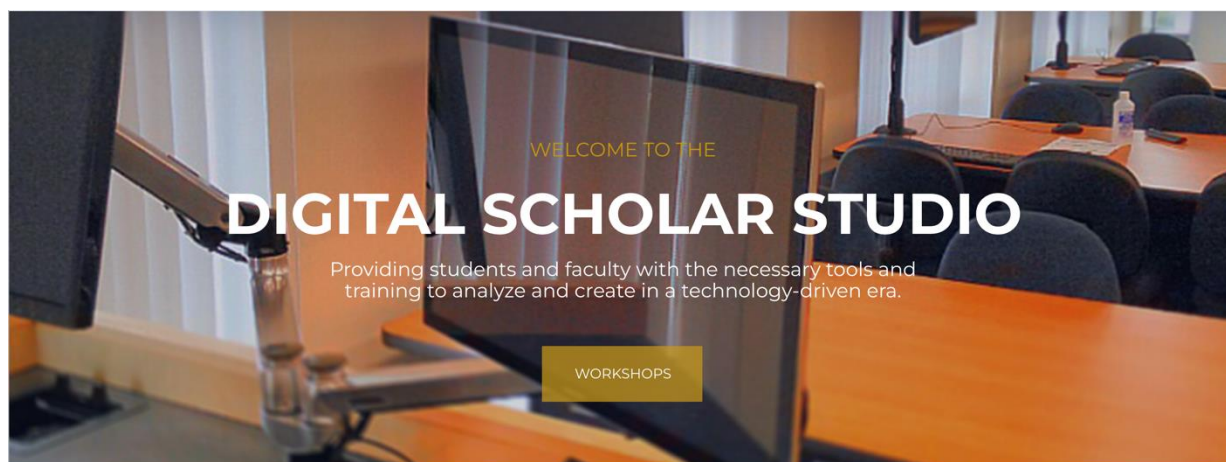
The Research Data Portal contains over **840 data files** across STEM and non-STEM disciplines including Arts and Humanities, Computer Science, and Engineering.

In 2021, FIU libraries were awarded a second internal Technology Fee grant to support and expand the university's research data infrastructure and data literacy initiatives.

Following the tragedy of the Surfside condominium collapse, Dr. Shimon Wdonwinski deposited data related to local land subsidence into the Research Data Portal. This dataset has been accessed **over 2,000 times** since it was deposited.

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Digital Scholarship



Digital Scholar Studio - <http://dss.fiu.edu>

WORKSHOPS

The Digital Scholar Studio at FIU Libraries offers a workshop series every semester on tools and methods common in digital humanities, digital scholarship, and working with research data. During the 2021-22 academic year, the Digital Collection Center offered **16 workshops** on a university-wide initiative to foster data-literacy skills throughout the University, offering new workshops on beginning to advanced computational and data analysis topics. Digital Scholar Studio workshops are open to all members of the university community, and we had a significant number of registrations from staff, as well as faculty and students (with some outside-of-FIU guests as well). Through significant capacity building and upskilling within the department as well as strategic partnerships forged across the university, including the Google Developers Student Club, the Digital Collection Center was able to offer more technical workshops that appeal not only to our typical constituency in the humanities, but social and hard sciences. Attendees of these workshops come from both academic and administrative departments, consisting of staff and faculty in the Libraries, Academic and Student Affairs, students and faculty in Computing and Information Sciences, History, Public Policy & Administration, Earth & Environment, as well as 35 additional departments and units throughout the university.

- DH Unique Resources at FIU Libraries Special Collections & University Archives
- Storytelling with Maps: Designing Engaging and Effective ArcGIS StoryMaps
- Understanding Digital Privacy
- A Brief Introduction to Digital Humanities
- Don't Be Satisfied! A Two-Part Workshop on Writing Surveys in Qualtrics (offered twice, once in Fall, once in Summer)
- Building Interactive and Media-Rich Timelines with TimelineJS
- Managing and Sharing your Research Data: A Two-Part workshop

DIGITAL INITIATIVES

- Data Curious? A conversation about working with data at FIU
- Douglass Day Transcribe-a-Thon
- De-Identifying your Data
- Data Analysis with Pandas and Matplotlib
- Cruising Through your Files with Command Line
- Text Analysis with Python for Absolute Beginners
- Digital Privacy in the Home: From Passwords to the Internet of Things
- The Where, How, and Why of GIS Data: Finding and Preparing Datasets for Analysis

EQUIPMENT

PC desktops • PC laptops • MacBook laptops • Data Center Storage • External storage drives • Microphones & stands • Camcorders • Camera/camcorder tripods • DSLR cameras • Transcription foot pedals • Portable digital recorders • Studio headphones • Flatbed scanners • Studio lighting kit • Green screen • White/gray reversible backdrop

FEATURED STUDENT AND FACULTY PROJECTS

In the summer of 2021, Professor Ashley Kuntz contacted the Libraries' University Archives with an ambitious vision. Kuntz was teaching EDH 6061 - History of Higher Education in the fall and wanted the graduate students in her class to partner with the archives to create new resources focusing on the University's history through the lens of diversity, equity, and inclusion.

Working with FIU Library faculty and staff, the graduate students would perform research using primary source material, engage critically with the material in the University Archives, and integrate the material into a final project. By the end of the semester, students had interacted with a range of higher education administrators, faculty and staff at the University, and gained applied research skills from the expertise of FIU Libraries Annia Gonzalez, Special Collections Librarian; Rhia Rae, Digital Archivist; Molly Castro, Digital Humanities Librarian; and Diana Ter-Ghazaryan, GIS Research Associate. The students presented, *Our FIU History*, ArcGIS digital projects: [The Journey of the Visual Arts at FIU](#), [Women's Athletics at FIU in the 1970s](#), [The Inception of Biscayne Bay Campus](#), [Counseling and Psychological Services](#), and [FIU Greek Life](#).

"Hispanic-serving institutions are grossly underrepresented in history of higher education texts and courses. Our FIU students contributed to expanding the historical record, and I believe their work will be useful to future scholars studying the history of HSIs." – Dr. Ashley Kuntz

Dr. Kuntz developed a similar project for the students in the spring semester with the collaboration of Rebecca Bakker, Digital Collections Librarian and using equipment from the Digital Scholar Studio. The project can be found online at [Oral History Interviews: International is our Middle Name](#). (<http://dpanther.fiu.edu/dpanther/items?searchContent=EDH+6061-2022&searchCode=TI>)

INTERNSHIPS, VOLUNTEERS, & GRADUATE ASSISTANTSHIPS

The Digital Collections Center would like to extend a special thank you to the following interns, volunteers, and graduate assistants who worked with us over the past year: Christine Monge, Yaatia Graham, Marlon Rodriguez, and Adriana Romero.

DIGITAL INITIATIVES

Digital Public Library of America (DPLA)

Florida International University has partnered with the University of Miami and Florida State University to launch the *Sunshine State Digital Network (SSDN)*, which serves as the state's hub for the *Digital Public Library of America (DPLA)*.

<https://sunshinestatedigitalnetwork.wordpress.com/> & <https://dp.la/>



The DPLA is a Boston-based national digital library that brings together collections from the nation's libraries, archives, museums, and other cultural heritage institutions. Since its launch in 2013, the DPLA has become a free, open, and accessible national digital resource, with a collective of more 46 service and content hubs across the country, sharing over **47 million** photographs, books, maps, news footage, oral histories, personal letters, museum objects, artwork, government documents, and so much more.

"DPLA and SSDN offer a tremendous opportunity to share the depth and richness of our state's digital collections," said Anne Prestamo, dean of Libraries at FIU. "We look forward to advising and assisting libraries, museums and archives throughout South and Central Florida to fully leverage that potential."

-- [FIU News](#), 12/29/2017

To date, the Sunshine State Digital Network includes **272,883 digital items**. New organizations are being brought onboard to contribute to DPLA each quarter.

FIU is the hosting institution for partners including:

- Florida International University Libraries (40,939)
- Monroe County Public Library (2,877)
- City of Coral Gables (3,224)
- Boynton Beach City Library Archives (1,497)
- Greater North Miami Historical Society (801)
- Miami Shores Village Archives at Brockway Memorial Library (642)
- HistoryMiami Museum (422)
- Miami Design Preservation League (166)
- Vaclav Havel Library Foundation (18)

FIU content has been accessed by **3,816 users**, with **5,320 item views**, **3,998 click throughs**, and **20,961 API item views** linking back to the content in dPanther and Digital Commons.

DIGITAL INITIATIVES

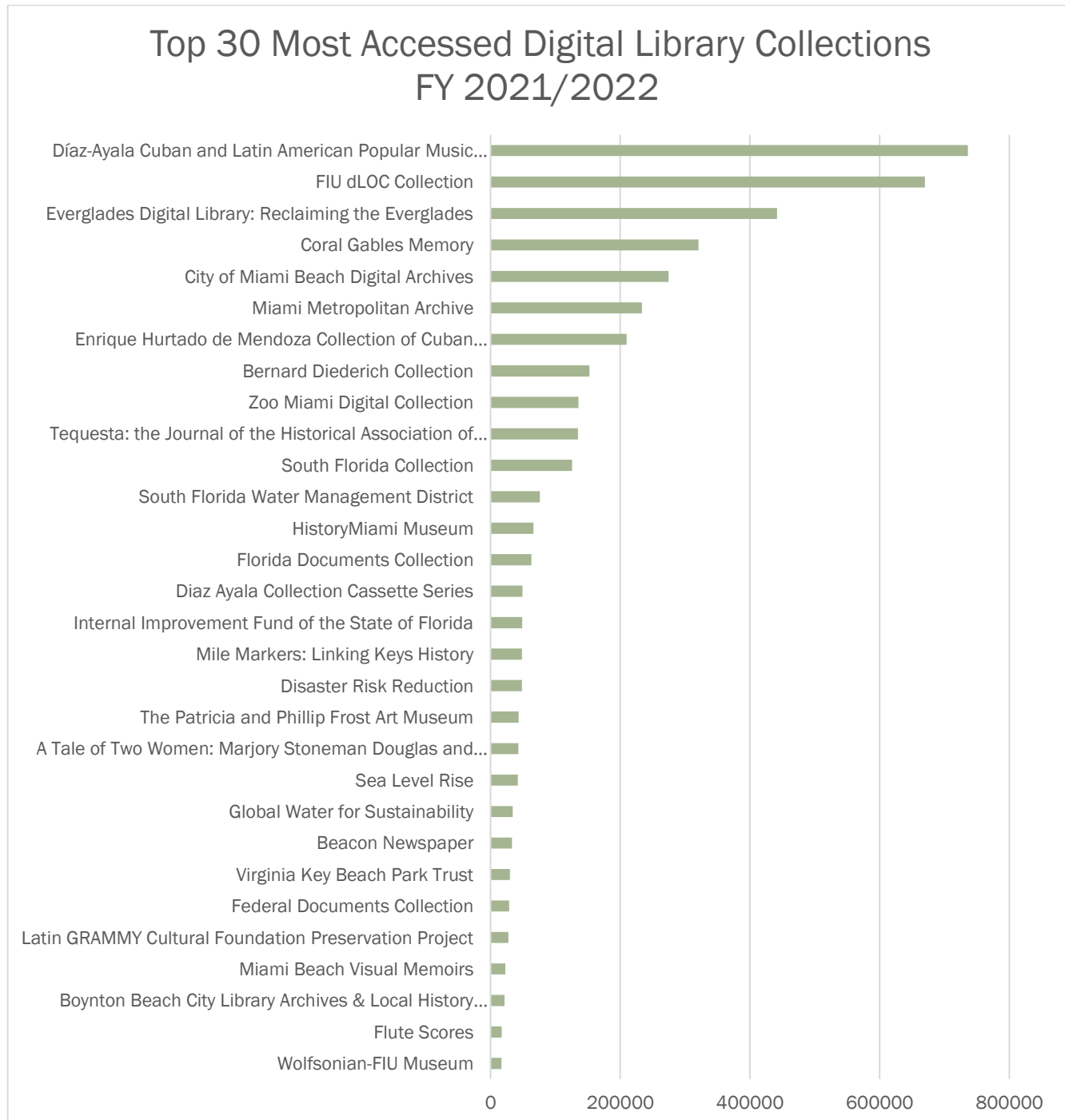
GUIDES AND ONLINE INFORMATION

The Digital Collections Center has created several online guides to assist students and faculty with the use of digital collections, digital scholarship tools, data management, and the Institutional Repository. The following are statistics for the use of these guides over the past year.

Guide	Views	URL
Creative Commons Licenses	163	https://library.fiu.edu/creativecommons
Data Analysis	1930	https://library.fiu.edu/DataAnalysis
Data Collection & Creation	546	https://library.fiu.edu/DataCollectionCreation
Data Computing Resources	260	https://library.fiu.edu/DataComputingResources
Data Copyright/Use	27	https://library.fiu.edu/DataCopyright
Data Documentation/Metadata	256	https://library.fiu.edu/DataDocumentation
Data Presentation	96	https://library.fiu.edu/DataPresentation
Data Processing & Preparation	238	https://library.fiu.edu/DataProcessing
Data Sources	90	https://library.fiu.edu/DataSources
Digital Scholarship - Online Tools	1126	https://library.fiu.edu/digitalscholar
ETD Data Pilot Program	31	https://library.fiu.edu/etd_data_pilot
FIU Digital Commons	1060	https://library.fiu.edu/fiudigitalcommons
FIU Digital Project Guidelines and Help	1638	https://library.fiu.edu/digitalprojects
Library Grants Support	372	https://library.fiu.edu/grants_support
Mapping & Data Visualization	3071	https://library.fiu.edu/DataVisualization
Open Access Scholarship at FIU	90	https://library.fiu.edu/fiuscholarship
Panther180 Scholarly Activities Enhancement	56	https://library.fiu.edu/panther180
Research Data Management	491	https://library.fiu.edu/rdm
Survey Design	103	https://library.fiu.edu/SurveyDesign
Understanding Your Author Dashboard	17	https://library.fiu.edu/authordashboard

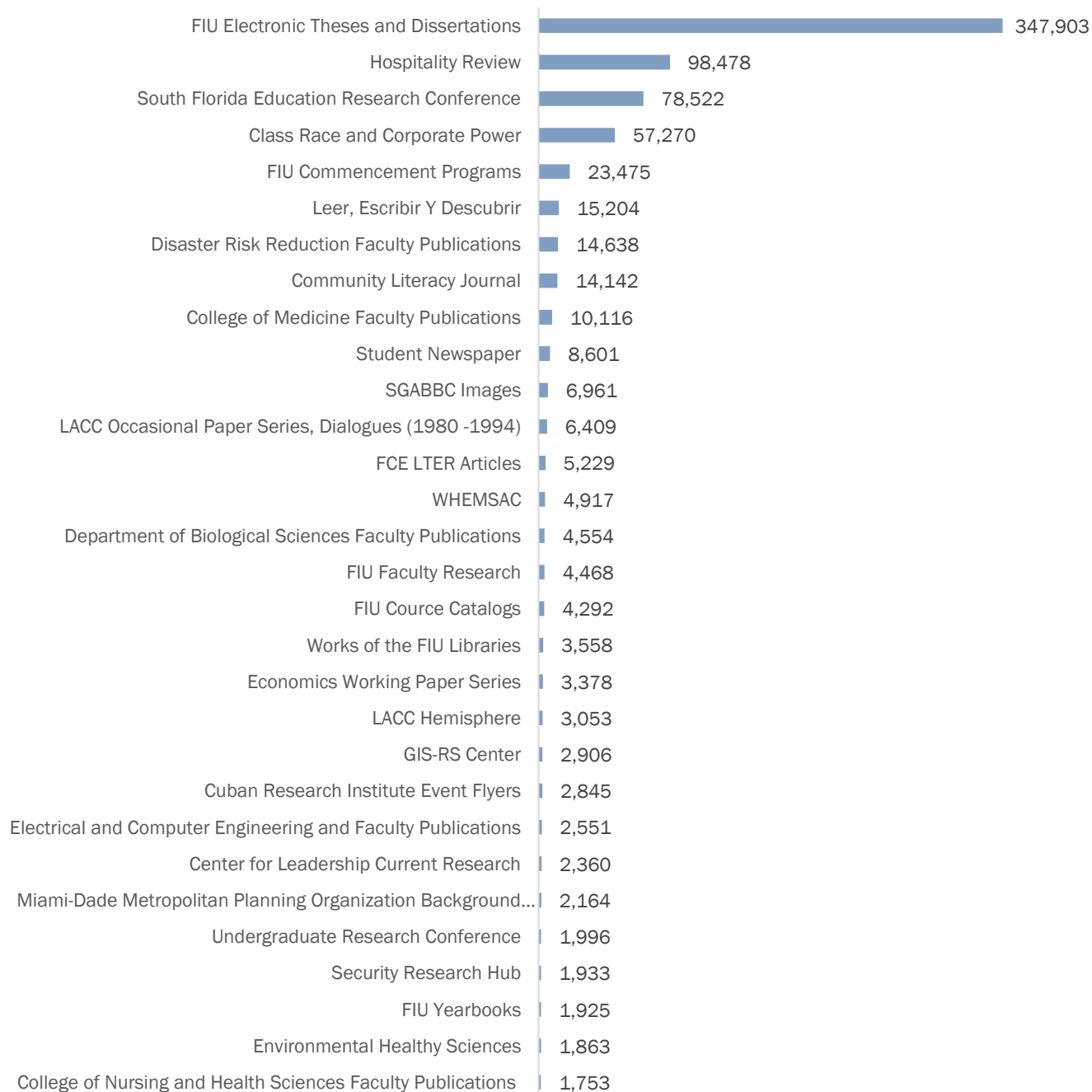
STATISTICS

Digital Collections Statistics



STATISTICS

Top 30 Most Accessed Institutional Repository Collections FY 2021/2022



STATISTICS

TOP 15 MOST ACCESSED DIGITAL LIBRARY TITLES (ALL TIME)

- Tequesta (9,145,436)
- Haiti sun (2,092,652)
- Internal Improvement Fund of the State of Florida (1,620,945)
- The Grenada newsletter (11,69,219)
- Caribbean Review (326,436)
- Flora & Fauna of the Caribbean (254,500)
- Miami 1920's photo album (211,840)
- MaComère (189,484)
- La Vida Nueva (184,501)
- Abeng (147,136)
- Miami 1920's photo album II (144,425)
- The Beacon (141,247)
- Social (103,741)
- The Pagoda (85,545)
- Abal, Francisco (55,930)

TOP 15 MOST ACCESSED INSTITUTIONAL REPOSITORY ITEMS (ALL TIME)

- The History of Kindergarten: From Germany to the United States (71,674)
- Diccionario de Terminos Geologicos Ingles/Espanol - Espanol/Ingles; English/Spanish - Spanish/English Dictionary of Geological Terms (Dialogue #85) (61,252)
- The Role of Leadership Style in Employee Engagement (47,804)
- Hotel Managers Identify Ethical Problems: A Survey of their Concerns (45,040)
- Disaster Risk Reduction, DD04 - Study Guide and Course Text (38,181)
- The Role of Emotional Intelligence in College Students' Success (32,156)
- The Impact of Social Media in the Workplace (31,661)
- Memory-Aware Scheduling for Fixed Priority Hard Real-Time Computing Systems (31,168)
- The Effects of the Use of Technology In Mathematics Instruction on Student Achievement (27,634)
- Global Factors Affecting Women's Participation in Leadership (25,965)
- Employee Engagement: An Examination of Antecedent and Outcome Variables (25,635)
- Fibonacci Series, Golden Proportions, and the Human Biology (24,993)
- The Impact of Quality Teachers on Student Achievement (21,885)A Customer's Expectation and Perception of Hotel Service Quality in Cyprus (20,989)
- Menu Analysis: A Review of Techniques and Approaches (19,602)

CONTACT US

Contact Information

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Florida International University
dcc@fiu.edu

<http://digitalcollections.fiu.edu>
<http://digitalcommons.fiu.edu>
<http://rdm.fiu.edu/dataverse>
<http://dpanther.fiu.edu>
<http://www.dloc.com>



Libraries

FLORIDA INTERNATIONAL UNIVERSITY