

**FACULTY SCHOLARSHIP COLLABORATIVE ANNUAL REPORT**  
JULY 2021–JUNE 2022

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STAFF

Jacqui Lazú, Associate Dean of Research & Graduate Studies

Tracey Lewis-Elligan, Acting Associate Dean of Research & Graduate Studies (effective July 1, 2022)

Beth Catlett, Director (through March 27, 2022)

Nandhini Gulasingam, Senior Analyst for IT Solutions

Linda Levendusky, Projects Coordinator

Jessica Bishop-Royse, Chief Research Methodologist (through January 28, 2022)

Renee Caliendo, Research and Grants Specialist (begun June 13, 2022)

The Faculty Scholarship Collaborative (FSC) supports the research and creative work of faculty within the College of Liberal Arts and Social Sciences aimed at strengthening and promoting a culture of active scholarship in the social sciences and humanities at DePaul. We provide human capital and services, physical space, and technological and other resources to assist faculty in all phases of their scholarly pursuits from conceptualization to implementation and dissemination. Our goal is to offer an identifiable hub of support within LAS for the development and sustenance of both the individual's and DePaul's capacity to produce mutually enriching research, scholarly output, and collaborations including across disciplines.

Individual projects or consultations are the mainstay of our activity, undertaken in response to requests from faculty. Requests come through the service request system via the FSC's website, a backbone of our operating apparatus, or through individual contacts. The text, tables, and figures that follow offer a snapshot of the nature and variety of activity the FSC contributed to DePaul faculty over the course of the academic year from July 2021 through June 2022. This report illustrates the sort of activity the FSC initiated or was called upon to provide but does not purport to be a comprehensive summary of all our activity over this period.<sup>1</sup>

The report leads off with Methodological and Data-related assistance, primary areas of faculty solicitations. Nandhini Gulasingam, Senior Analyst for IT Solutions, provided quantitative, qualitative, GIS mapping (spatial), and technical help for a variety of research projects involving various methodologies. Editorial services comprised another significant area of activity undertaken in this academic year, provided chiefly by Projects Coordinator Linda Levendusky, which are detailed next in this report. Short sections follow on Trainings, Remote Access, Technical Assistance, AV Equipment Loans, Programming, and Special Projects and Collaborations.

To fill a gap left by the departure of our Chief Research Methodologist, we recently obtained on-line consulting time from The Analysis Factor, an outside provider, that will allow us to expand our methodological assistance, particularly involving requests of a specialized nature. From our computer lab at 990 W. Fullerton, we also continue to offer faculty (as well as their student Research Assistants) a variety of specialty software programs not readily available at DePaul. Many of the statistical analysis programs can be used remotely.

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<sup>1</sup>The staff make-up of the FSC changed during this period with the departures of the Chief Research Methodologist Jessi Bishop-Royse in January and Director Beth Catlett in March, and the addition of Research and Grants Specialist Renee Caliendo in mid-June. Activities specifically related to these individuals are largely absent from this report.

## Methods

Type of Method	No. of Requests	Requesting Department/Unit	Project
Quantitative	2	CDM, GEO, PSC Dean's Office	Includes combining racial data from different sources without double-counting; identifying best data sources and ways to analyze and represent demographic and socio-economic data.
Qualitative	2	PSC	Brainstormed ideas on how to collect, store, analyze, and visualize text-based data effectively for a non-technical audience; to be used for presentations at two conferences.
Spatial	3	HAA, INT, SOC	Includes identification and recoding of race/ethnicity data from 2020 census for redistricting project; how to best represent spatial relationships between current and disappeared historic sites in Mexico City for <i>Pathways of Caring</i> project mapping safe-passage routes.
Technology	3	CWCIT, SOC, WGS	Includes technologies and best methods such as live-streaming, website video posts, social media for obtaining interview consent; investigated best software platforms for collaborative projects across geographic locations, and for developing and hosting visualization applications.

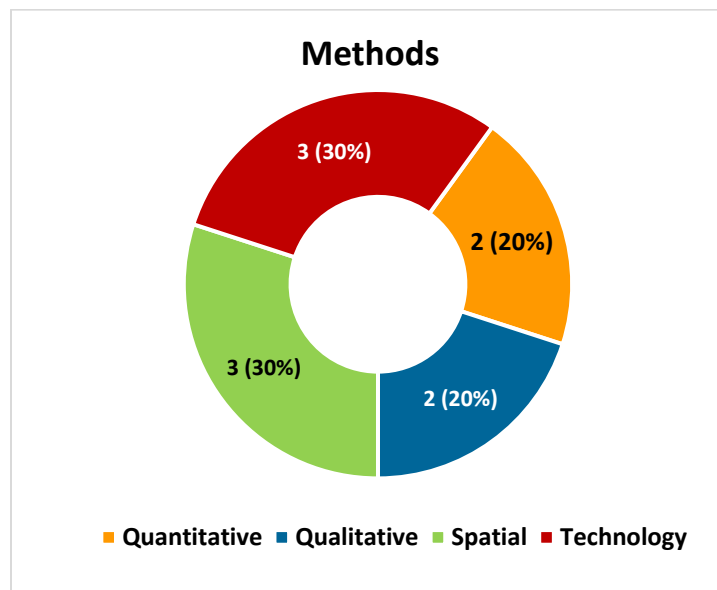


Fig. 1

## Data Collection/Creation, Management, Analysis & Visualization

Project	User Department/Unit	Duration	No. of Hours	Description
Pathways of Caring	Heidi Nast INT	2 mos.	30	Created map for book project of safe passage routes of Blacks during and after slavery (1860-1968) including underground railroad locations, networks, driving, and other pathways. Entailed manual digitizing of multiple paper maps into a GIS map format and data creation, collection, management, analysis, and visualization.
Redistricting Mapping	Michael Bennett SOC	3 mos.	43	Collected multiple census datasets; merged, analyzed, and summarized information and maps re: advocacy project on redistricting for major Chicago aldermanic races. Included data creation/collection, management, analysis, and visualization.
Mapping of Historic Locations and Landmarks in Mexico City	Delia Cosentino HAA	2.5 mos.	44	Manually digitized multiple maps to a GIS map format to create and refine maps for a book on underground railroad networks, including revisions based on publisher feedback. Entailed Data Creation/Collection & Management, Analysis, and Visualization.
Various individual projects	SOC, GEO, WGS, MSW, PSC, MPH, Egan, Dean's Office	13 one- time requests	Up to 2 hours per request	Identified data sources, collected secondary or primary data and stored in databases, analyzed data (quantitative, qualitative, spatial and survey) and visualized data.

Data collection/creation begins with identifying the appropriate data sources, then collecting data from secondary data sources. For non-existing data, manual input through digitizing or computing is required. Data is stored in datasets or databases for use in analysis through various software applications. Data visualizations utilize graphs, charts, maps, or summary tables to illustrate results.

*Note:* Not included in this section is the FSC's substantial collaborative project with Political Science Professor Kathryn Iбата-Arens on her Research & Innovation Leadership Fellows (RILF) Program project (see pages 10-11).

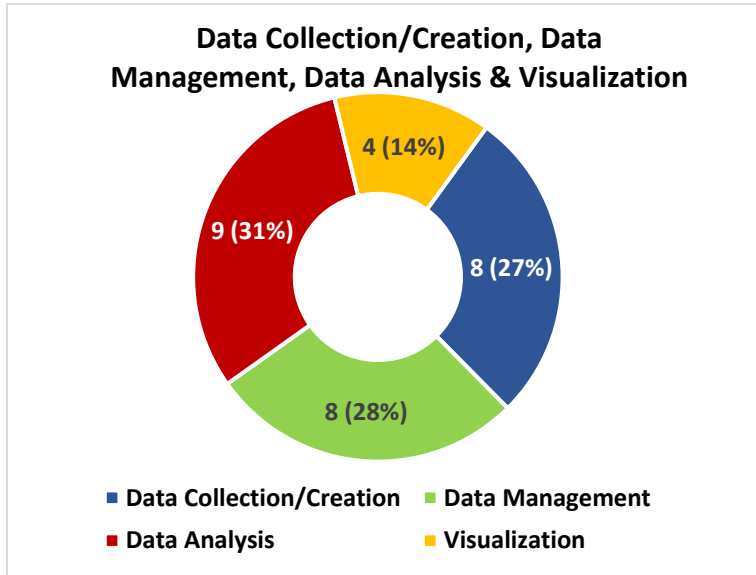


Fig. 2

Editorial

Editorial work comprised another major area of FSC activity during this period with 15 faculty members (9 from the Social Sciences and 6 from the Humanities) from 9 different departments soliciting editorial-related support as shown in the figure below. A majority of the requests involved copyediting by FSC Projects Coordinator Linda Levendusky and were linked to outside publishing activity (see the table on the next page). In addition, Chief Research Methodologist Jessi Bishop-Royse reviewed 4 pre-submission drafts for Faculty Summer Research Grants submitted by Allan Ding (REL), Guillemette Johnston (MOL), and Martha Martinez-Firestone (SOC), and for a fellowship submitted by Michelle Stuhlmacher (GEO) to Sinai Urban Health Institute following SUHI’s special solicitation to DPU faculty.

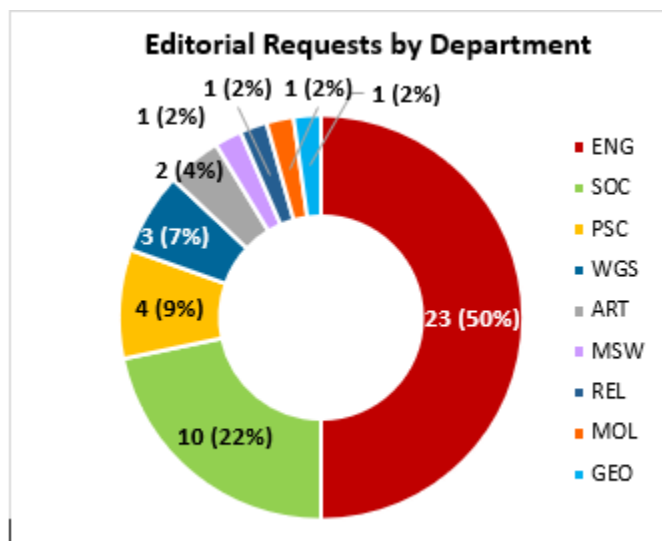


Fig. 3

User & Department	Project	Outcome	# of Hours
Adibe, Clement PSC	Demo'ed cross-referencing within article, <i>Re-imagining Africa: A Continent in Transition and Its Implications for World Order</i>	Oxford U. Press	3
Adibe, Clement PSC	Copyedited above manuscript	Oxford U. Press (forthcoming online)	11
Anton, Ted ENG	Copyedited 16 chapters for general reader accessibility of <i>Programmable Planet</i> book manuscript	Columbia U. Press (forthcoming book)	153
Anton, Ted ENG	Copyedited 20-page, revised, more academic American science essay	Cambridge University Press (forthcoming book chapter)	8
Catlett, Beth WGS	Researched sources, citations, style for FBI stats on religious hate crimes	chapter in forthcoming book	4
Crabtree-Nelson, Sonya MSW	Researched plagiarism detectors and how faculty can access Turnitin	Purchased Grammarly; revised article published	2
Ibata-Arens, Kathryn PSC	Copyedited press release for Best Book in Global Health Award from Intl. Study Assoc. for her <i>Pandemic Medicine</i> book	Sent to DPU Marketing & Communications	4
Johnson Gonzalez, Billy ENG	Copyedited 5 essays for <i>Dialogo</i> magazine re: histories of Latino Studies programs in Midwestern universities	Sent to publisher (U. of Texas Press)	39
Martinez-Firestone, Martha SOC	Copyedited 5,000-word book prospectus on <i>Enhancing the Employability of Soc Undergrads</i>	Under peer review at Palgrave/Macmillan	9
Martinez-Firestone, Martha SOC	Copyedited (2) 5,000-word sample chapters	See above	13
Martinez-Firestone, Martha SOC	Copyedited URC winter/spring grant proposal		3
Ostrowski, Zack ART	Copyedited & reviewed an unorthodox written, graphic, and performance response piece to Peter Steeves' book <i>Being And Showtime</i>	Published in <i>Performance Philosophy</i> journal	4
Ostrowski, Zack ART	Copyedited & reviewed future FSRG grant proposal to create <i>Visual Vernacular</i> , a sculptural reliefs project	For future submission	10
Royster, Francesca ENG	Demo'ed TExtract book indexing software	Used as initial base, finished manually	3
Schlichtman, John SOC	Copyedited 3-page proposal to non-scholarly book publisher on a novel framework for evaluating neighborhood redevelopment	Turned down by Island Press as too academic a subject	3
Schlichtman, John SOC	Copyedited partial sample chapter for general reader accessibility (see above)	See above	14
Scott, Greg SOC	Copyedited Ready4Change website's model documents for nonprofit succession		25
Tafoya, Joe PSC	Copyedited draft article		15

## Trainings

Over the 2021-22 academic year, the FSC offered a number of one-on-one trainings to faculty or graduate students attached to faculty projects. Data assistance included how to collect and maintain various types of data from secondary data sources, analyze it, and create visualizations (graphs, charts, GIS maps). Software training ranged from the use of TExtract, a program that lets users create their own back-of-the-book indexes, to help with transcribing and video recording. This period included significant support to DePaul faculty and staff hosting webinars, conferences, and events, including assistance in the organization, running, front- and back-end set-up, recording, and live-streaming via YouTube of these new activities.

Type of Training	No. of Requests	User Department/Unit	Description
Hosting of Webinars, Online Events, Conferences	22	ABD, CWCIT, Grace School, HON, SPS, WGS	Instruction in presenting virtual events
Software	4	Francesca Royster ENG Beth Catlett WGS	Instruction in using TExtract to create a book index Zoom-based transcription; recording of video interviews via Zoom; instruction in downloadable formats for transcribing and safekeeping
Data Collection & Management; Data Analysis & Visualization	2	Kathryn Ibata-Arens PSC	Instruction in creating visualizations using web interface for patent research on biologics
Technical	1	Clement Adibe PSC	Instruction in creating links within an online article as requested by publisher

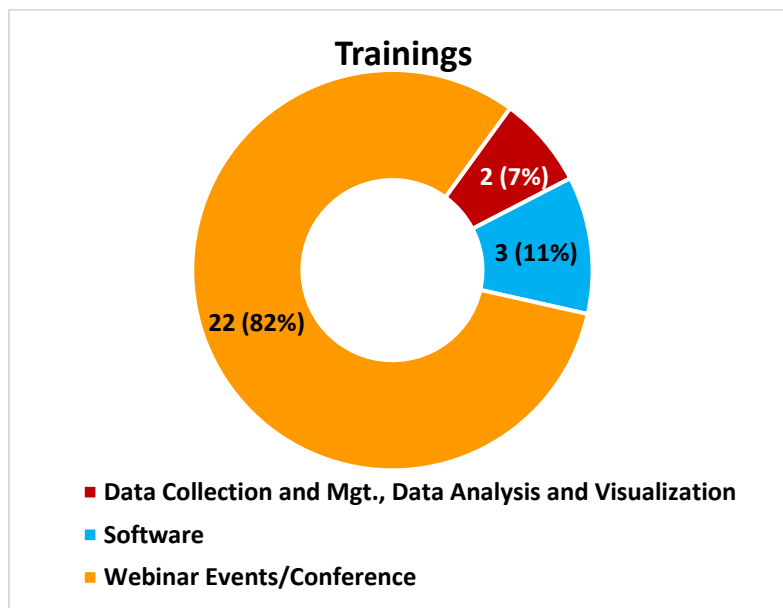


Fig. 4

### Remote Access

Our computer lab offers faculty and their Research Assistants specialty software not readily available at DePaul, including Mplus, NVivo, Atlas.ti, SPSS, Stata, and SAS for statistical analysis; LIWC (Linguistic Inquiry and Word Count) for language analysis; ArcGIS for mapping; Trint for transcribing; Tableau for visualizations; and TExtract for indexing. Many of the statistical analysis programs can be accessed remotely, which were utilized as shown below.

Software	No. of Users	Department	User
NVIVO	15	WRD	<a href="#">Erin Workman</a> , Pete Vandenberg and 2 RAs
		MPH	Kathleen Conte and 2 RAs
		SPS	Nicholas Kachiroubas and 1 RA
		WGS	Beth Catlett's 2 RAs
		MSW	Maria Ferrera
		CSH	Jessica Jerome and 2 RAs
STATA	1	PSC	Joe Tafoya
LIWC	1	PSC	Ben Epstein

### Technical Assistance

Type of Assistance	No. of Requests	Requesting Department/Unit	Description
Online	12	MPH, MSW, PSC, SOC, WGS, WRD, Library	Including electronic signatures, software compatibility, troubleshooting & related issues, live streaming
Resources	4	CWCIT, GEO, MOL, WGS	Including grants and other DPU sources and contacts available for faculty, IT resources and who to talk to for
Website	1	SOC (Greg Scott)	Migration of Video Ethnography website to third-party vendor

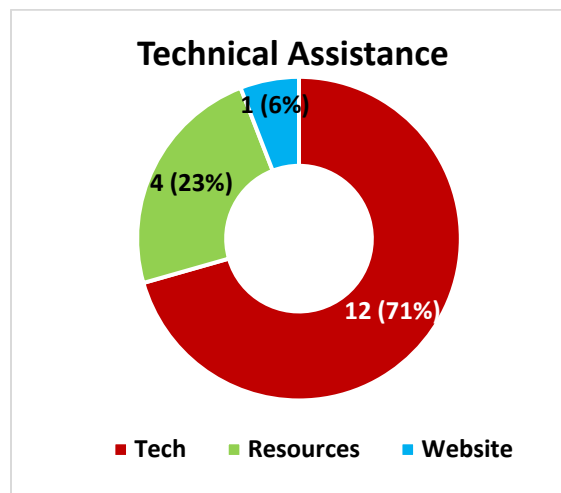


Fig. 5



AV Equipment Loans

Department	No. of Loans	Equipment
SOC	9	Ethnographic film class: 8 cameras Greg Scott: 1 camera
ART	4	Humanities X class: 3 cameras Portable podcasting kit Zack Ostrowski for a podcast artists' interview project
PHL	1	VCR player for Peter Steeves to transfer tapes for class use.

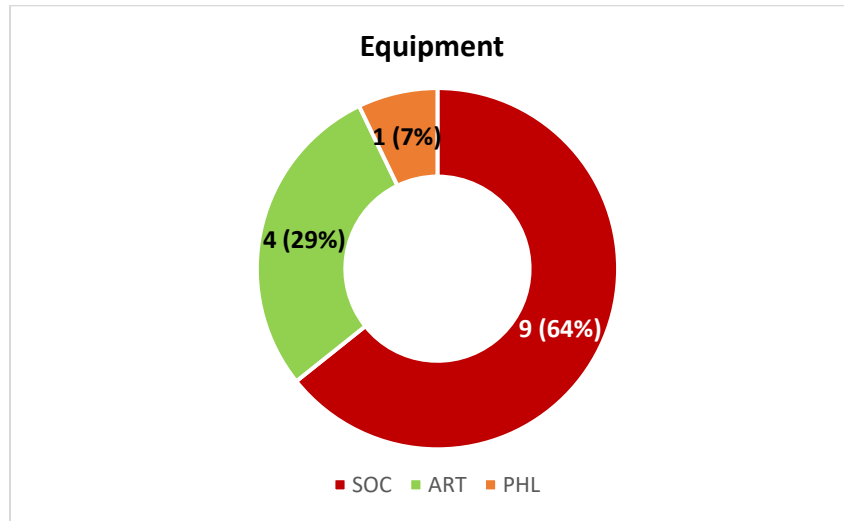


Fig. 6

Programming

Name	Attendance	Description
<i>Write-On-Site</i>	Averaged 5	Weekly Zoom writing sessions for faculty seeking dedicated writing time in a group setting facilitated by FSC's Chief Research Methodologist
<i>CCHE Writing Group</i>		Monthly writing group meeting coordinated with Center for Community Health Equity & Rush University by FSC's Chief Research Methodologist
<i>Liberate Your Research</i> (co-sponsored with The Women's Center)	23	Professionally facilitated Zoom workshop held on May 11 on how to align your research agenda with your personal social justice and other goals
<i>From Proposal to Manuscript to Book: Three Faculty Share Their Stories</i> (co-sponsored with The Women's Center)	35	Zoom panel discussion on paths to publication with Kalyani Devaki Menon, Francesca Royster, Megan Heffernan on paths to publication and book publishing support available at DPU to be held on June 8

## Outreach and Communications

Type
E-blasts
Social Media (Twitter, Facebook, WordPress)
Departmental Visits
Grants Survey
Service Requests

To promote our offerings, we send periodic “e-blast” announcements to all full- and part-time LAS faculty regarding DPU research-related deadlines and opportunities along with notices highlighting different aspects of our services, resources, or programming. These listserv messages routinely invite faculty to contact us to help review their grant proposals (particularly those with forthcoming due dates); to use our statistical and other specialty software through remote access; or to join our weekly Write-on-Site dedicated writing sessions on Zoom facilitated during this period by our Chief Research Methodologist. We also use them to announce the addition of new resources, the most recent being two computer programs, LIWC (Linguistic Inquiry and Word Count) and TExtract (for creating do-it-yourself book indexes), and portable podcasting equipment. In addition, the Director presents the FSC and its functions to faculty at department meetings, all made via Zoom in this reporting period. Communications to the FSC take the form of requests submitted online through the service request system or to the FSC’s department mailbox for funneling to the appropriate staff.

In one outreach activity from this period, we surveyed the 24 LAS faculty who participated in a two-session grant-writing workshop from an outside provider that we offered in late June 2021 to learn how and where we might help support their work in the future. We circulated the questionnaire shortly after the Zoom workshop and was returned by 15 of the 24 attendees (a 63% response rate).

### *Survey Findings*

- 67% reported feeling “now confident” about writing a successful grant application, 20% were not, and 12% were neutral.
- 40% said “yes” and 60% said “maybe” when asked if they had a specific project for which they wanted to apply for external support.
- From a list of possible barriers inhibiting their applying for external funding, 73% chose lack of time; 33% need for expertise (methodological, statistical, computational); 33% material support (equipment, incentives); 20% resources to travel for field work; 13% lack of collaborators; and 7% limited pool of funders for their work. 13% said they did not need external support for their work and 6% responded that their college discouraged them from applying.
- Asked when they would prefer to take a one-course teaching release for a research leave, 27% said Fall; 27% Spring; 20% Winter; 13% Summer; and 13% did not answer.
- Open-ended questions elicited requests for help finding funding sources, especially small- to mid-tier-sized grants, and support from private, corporate, family, or regional foundations and funders.

- Other suggestions included a request for a program for people who haven't yet solidified their project or identified a potential list of funders; and a request for opportunities to discuss internal grant procedures or cross-disciplinary collaboration.

### Special Projects and Collaborations

Special Projects and Collaborations describes activities falling beyond the usual scope or time commitment of FSC staff. During this period such activity included instruction and help for hosts of webinar events and conferences—specially requested by the LAS Dean's Office—and two collaborative research projects involving data-related support. For the Research and Innovation Leadership Fellows (RILF) collaborative project of Political Science Professor Kathryn Ibata-Arens, Nandhini Gulasingam contributed 26% of her time in activities detailed on the next page. She participated in a presentation of the initial concept paper, with Ibata-Arens and Associate Provost for Research Daniela Stan Raicu, at a meeting of the National Council of University Research Administrators in Washington, DC in August 2021. Jessica Bishop-Royse's collaboration with Sinai Urban Health Institute began in June 2021 as a 5% sub-award for one year and was still in the data collection phase when she left DePaul in January 2022.

Project	Project Partners	FSC Contribution
Webinars, Events, Conferences  22 total requests	ABD CWCIT HON MSW SPS WGS Grace School of Applied Diplomacy	Assisted with initial planning meetings, set-up, test runs. Provided host training, support during events, post-event service (including event recordings and reports)
<i>Metrics, Mapping, Mentoring for Faculty Scholarship Success: Concept Development and Data-based Analytics</i>	<b>FSC Lead</b> N. Gulasingam  <b>Principal Project Lead</b> Kathryn Ibata-Arens PSC, RILF	26% of FSC Lead's time (see next page) SQ21           88 hours SumQ21       91 hours FQ21           70 hours WQ20          163 hours SQ20 <u>19 hours</u> 430 hours
Pulse Survey on COVID in Chicago	<b>FSC Lead</b> J. Bishop-Royse  <b>Project Principal Lead</b> Jackie Jacobs Sinai Urban Health Institute	5% of FSC Lead's time (methods support)

From April 2021 through June 2022, Nandhini Gulasingam provided assistance to the following data-related aspects of the Research & Innovation Leadership Fellows (RILF) Program project headed by Kathryn Ibata-Arens:

### Secure Storage, Software and Platforms Evaluation and Selection

While identifying data sources and types of data required for this project, evaluated HIPPA-regulated secure data access, storage, and use protocols including platforms. Also evaluated and finalized appropriate software to develop the end product.

### Data Collection, Storage

Identified internal and external data sources along with data stewards and frequency of updates for data dumps. Internal data obtained from various data stewards; external data obtained by N. Gulasingam or DPU Data Literacy Librarian Sveta Stoytcheva. Stored original data on secure w drive.

### Data Management and Pre-processing

Pre-processed 7 datasets (Faculty List, SVdPP, Experts Guide, Web of Science, DPU Library Catalog, Web of Science Funding, Blackbaud) to filter 668 Full-time Tenure and Tenure-track DPU faculty for pilot study and added key identifiers (Project ID and DePaul Email ID) to create “master” dataset combining all 7. Also created Entity Relationship Diagram showing dataset relationships to facilitate eventual database design when project is implemented.

### Data Structuring, Organizing, and Coding

Identified 7 keywords from 3 datasets (Experts Guide, Web of Science, DPU Library Catalog) for coding data to group “human health” faculty for further coding into concept (Data Science, Natural Science, Social Science) and thematic (Health Justice) clusters. Did inter-coder reliability and data quality checks to create visualizations.

### Identification and Evaluation of Existing Software Tools and Technologies

Identified and evaluated similar commercial software products in the market.

### Data Analysis and Visualization Tool via Dashboards and Integration of End-User Feedback

Created sample visualizations to obtain feedback from two internal focus groups (LAS and university-wide) to use in redesigning interactive dashboards allowing faculty to identify potential scholarly collaborators through concept or thematic clusters or through funding. Demonstrated final interactive dashboards (Tool/Application) to key DPU stakeholders (library, Institutional Research & Market Analytics [IRMA], faculty focus group participants).

### Implementing Interactive Dashboard Application University-Wide

Created detailed document on implementing the interactive dashboard application for university-wide use. Met with IRMA to plan university-wide implementation.

### Pilot Study Presented at National Council of University Research Administrators (NCURA) Meeting

Presented concept paper at National Council of University Research Administrators in Washington, DC by N. Gulasingam (the how-to), K. Ibata-Arens (why and what), Associate Provost for Research Daniela Stan Raicu (DPU’s role).

### Ongoing Support

Since spring 2022 providing how-to support to Ibata-Arens and IRMA for university-wide implementation and web-enabling of the application.

## Full List of Users

LAS

### **Centers & Institutes**

CCHE (Center for Community Health Equity)  
CRCC (Center for Religion, Culture & Community)  
CWCIT (Center for World Catholicism &  
Intercultural Theology)  
Humanities Center  
Latino American and Latino Studies

### **Depts. / Units**

ABD  
ANG  
ART  
CTH  
ENG  
GEO  
HAA  
HON  
Humanities X  
INT  
MOL  
MPH  
MSW  
PHL  
PSC  
REL  
SOC  
SPS  
WGS  
WRD  
Grace School of Applied Diplomacy

Other DPU Units / Depts.

Academic Affairs  
CDM  
COM  
Egan Office for Urban Education & Community  
Partnerships  
Institutional Research & Market Analytics (IRMA)  
LAS Dean's Office  
Nursing  
Provost's Office

Outside DPU

Sinai Urban Health Institute  
Rush University (with CCHE)