



Sponsored Research & Creative Activities

Office of Research Services Annual Report, FY 2024



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OVERVIEW

As part of our mission, DePaul strives always to address the great questions of our day – and to promote peaceful, just, and equitable solutions to social and environmental challenges. One of the ways we live our mission is by placing research and creativity at the center of university life.

DePaul encourages faculty to apply their research to real-world problems in the communities we serve and supports their work with university-wide funding programs and support for extramural funding applications. The result is a vibrant and innovative scholarly community that contributes to learning and scholarship, influences Chicago communities, and impacts the world.

The Office of Research Services plays a vital role in supporting research, community engagement, and creative activities across the university. ORS helps faculty at all stages of their work, from idea to proposal to funded project. ORS staff help PIs develop and submit proposals, ensure their work complies with all relevant policies, and provide management for funded awards.

In FY 2024, ORS supported the submission of 217 proposals, totaling over \$53M in funds requested, and received new and continuing awards totaling over \$12M, as shown in Figure 1. After an unusually substantial increase in FY 2023, this year saw award trends returning to similar levels as the previous few years.

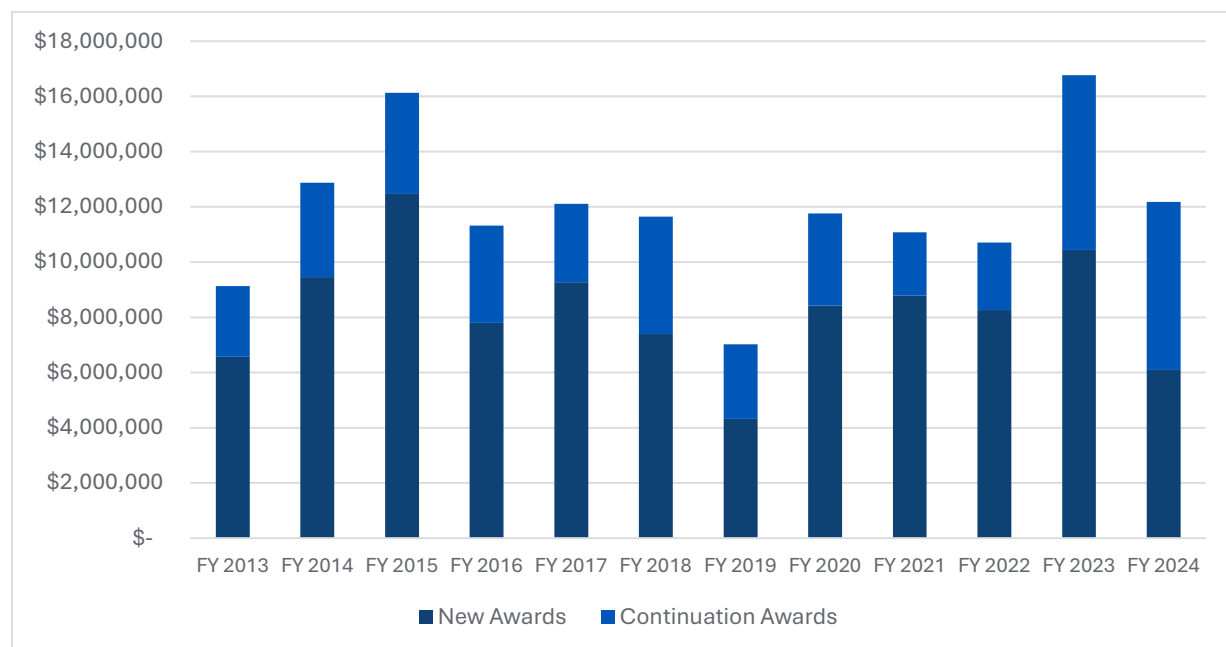


Figure 1: New and Continuation Awards FY 2013-2024

One of ORS's key goals for 2024 was to put support in place for an **expansion of proposals and awards in the coming years**. Some highlights of these efforts include:

- FY 2024 was the first full year in which ORS was able to provide the services of a Grant Writer to PIs to support idea development and proposal completion. The grant writer hosted three six-session writing cohort groups and one Intro to Grant Writing series, reaching 31 DePaul faculty and staff, representing six colleges. The grant writer also provided support, including project management, writing, and editing for proposal submissions that totaled over \$14.7M in funds requested. These included three major interdisciplinary proposals that brought together faculty across colleges around topics of joint interest, including support for community-engaged research, strategies to address faculty diversity, and ethical development of AI.
- ORS continued to facilitate DePaul's partnership with Rosalind Franklin University of Medicine and Science through an inter-institutional collaborative research grant program focused on Artificial Intelligence (AI) in Biomedical Discovery and Healthcare. Eight proposals were submitted, and three projects were selected for funding. Grants in FY2024 totaled over \$200K for interdisciplinary projects that include researchers from both institutions.
- ORS launched a new Scholarship Learning Communities program in which small groups of up to ten faculty will meet regularly through the academic year to learn about a chosen topic together. The first set of communities will be: ChatGPT and Text Generative AI in Research; Sustainability at DePaul - Finding Synergies and Collaborations; AI, Ethics, and Society; and Academic Writing Success & Accountability Group. 39 faculty members have been selected for participation.
- ORS hosted Innovation Day 2024, which explored three pillar topics of Sustainability, Poverty, and Artificial Intelligence. A new format for the day, with facilitated table discussions, led directly to the submission of a \$300K planning grant proposal to NSF for a project linking AI research with the work of the DePaul Migration Collaborative. 176 faculty, staff, and students attended Innovation Day.
- The conversations at Innovation Day were so powerful that ORS convened six additional lunch and learn and workshop sessions to bring together faculty and staff from across the university to continue their exploration of the three pillar issues and build new connections and collaborations. Over 300 faculty and staff RSVPed to attend the workshops.



ORS also served faculty and staff in FY 2024 by offering its annual suite of programs designed to **enhance the research culture and infrastructure of the University**. Activities included:

- Granting over a million dollars to DePaul faculty projects through the Council Grants programs and the Academic Growth and Innovation Fund. Reports detailing the impact of these programs can be found on the [ORS website](#).
- Hosting informational sessions on topics such as locating funding, grant proposal budgeting, data sharing, submission of requisitions, understanding internal grant initiatives, and research protections. ORS also hosted Phase I of the Grant Writers' Seminar and Workshop series, introducing researchers to NSF and NIH grants.
- Providing grants management training to 90 DePaul PIs on Federal, Nonfederal, and Internal grants. In addition, as a result of conversations with the Office of Continuous Improvement, ORS launched a new comprehensive [Training Catalog](#) to improve PI access to the services they need.
- Supporting student research with over \$144K in funding to colleges for the Undergraduate Research Assistant Program (URAP), which enhances participating students' overall academic experience at DePaul and provides our faculty with the benefits of compensated research assistance in support of their scholarly endeavors. A report on the impact of the URAP program can be found on the [ORS website](#).
- For the 3rd year in a row, DePaul undergraduate researchers participated in the BIG EAST Undergraduate Research Poster Symposium at Madison Square Garden in New York City.

ORS strives to constantly improve the services that it provides to PIs, especially by implementing initiatives that **promote efficiency and accuracy**.

- The ORS team is working with IS and the Office of Continuous Improvement to develop and implement Cayuse, a state-of-the-art software platform for grants management. Cayuse will replace the current proposal routing system and is designed to streamline research administration and compliance processes, with features including auditing trails, centralized data, comprehensive reports, and real-time access to data.
- ORS's Awards Management team adopted a portfolio management process whereby a dedicated Post-award Grants and Contracts Specialist (GCS) is assigned to work with each Principal Investigator on all post-award activities for his/her sponsored projects. The Portfolio Management Process streamlines the grants management processes so that PIs may focus more time and attention on their research and creative activities.
- ORS's Research Protections team continued to expand use of the eProtocol system, which helps PIs keep track of their approved documents and eases the review and amendment process. The system saves time, effort, paper, and money.

Finally, ORS closed out the year by finalizing **a new strategic plan for FY2024-2029**. This document, representing the work of the entire ORS team, is aligned to the Designing DePaul Pillars. Some highlights include:

- **Philanthropic Engagement:** ORS' efforts to expand and diversify sponsorship for research will actively support DePaul's efforts to implement new fundraising strategies for each school and college and to launch a focused campaign for interdisciplinary and translational research activities.
- **Program Distinction and Expansion:** ORS will continue to be an active player in support of the development of new centers and institutes, the work of the SPARK Center, and the HUB.
- **Geographic and Community Expansion:** ORS supports research and creative activities that expand the social capital map of DePaul in Chicago and worldwide.
- **Institutional Effectiveness and Vincentian Pragmatism:** ORS will work to expand student research engagement, a high impact practice that can help close the achievement gap.
- **Digital Presence:** ORS will leverage digital tools to highlight DePaul's exciting research and creative activities



We are delighted to present the FY 2024 Sponsored Research and Creative Activities Annual Report, which reflects another year of commitment and accomplishment of our faculty and staff. This report, as well as previous annual reports and reports on specific ORS programs, are available on the [ORS website](#).

SECTION 1:

EXTRAMURAL SUBMISSIONS

The Extramural Submissions section summarizes the activities of the Pre-Award Services unit of ORS. The Pre-Award staff assists faculty and staff with identifying funding sources, preparing and submitting proposals, requests for data agreements, material transfer and nondisclosure agreements, and/or other information that may be necessary to secure project funding and/or liaise with extramural funding agencies. For direct foundation and corporate submissions, these activities are done in concert with DePaul's Advancement Office. The number of submissions and the level of funding requested are the metrics used to understand Pre-Award Services' level of activity and are incorporated into the various figures and tables that are used to report on pre-award activities.

Submission Trends

In FY 2024, ORS' Pre-Award Services unit supported 217 submissions, along with another 47 submissions with non-monetary activity, to 113 distinct agencies. Requested funding totaled \$52,957,704 by 101 Principal Investigators (PIs), an increase of 7% in the number of PIs submitting proposals comparative with FY23. Trends in sponsored program submission activity for the 2015 to 2024 FY period are detailed in Table 1.1 and illustrated in Figure 1.1. The number of FY 2024 submissions dropped from previous levels, partly because of a change in reporting methodology that now excludes requests for non-monetary agreements such as those for material transfer, data use, and confidentiality. Furthermore, if a proposal required several revisions and was routed multiple times for approval, it was counted only once in the number of submissions in FY2024 rather than multiple times as in the previous years. The new methodology allows a better indication of the average proposal size which was \$243,705 in FY 2024.

Due to the shift in proposal reporting, it is difficult to look retrospectively over the past decade since prior years include non-monetary activity. However, the total of funds requested is the lowest it has been in the past ten years even after removing non-monetary and revised submissions. The funds solicited in FY 2024 totaled \$52.9M, down 25.3% from the \$71.1M requested in FY 2023.

Table 1.1: Submissions/Funds Requested, FY 2015-2024

Year	# Submissions	\$ Requested
FY 2015	378	\$64,162,873
FY 2016	368	\$79,003,637
FY 2017	424	\$94,414,498
FY 2018	418	\$93,658,899
FY 2019	377	\$94,901,213
FY 2020	369	\$75,441,140
FY 2021	331	\$92,748,856
FY 2022	341	\$64,578,862
FY 2023	387	\$71,130,988
FY 2024	217	\$52,957,704

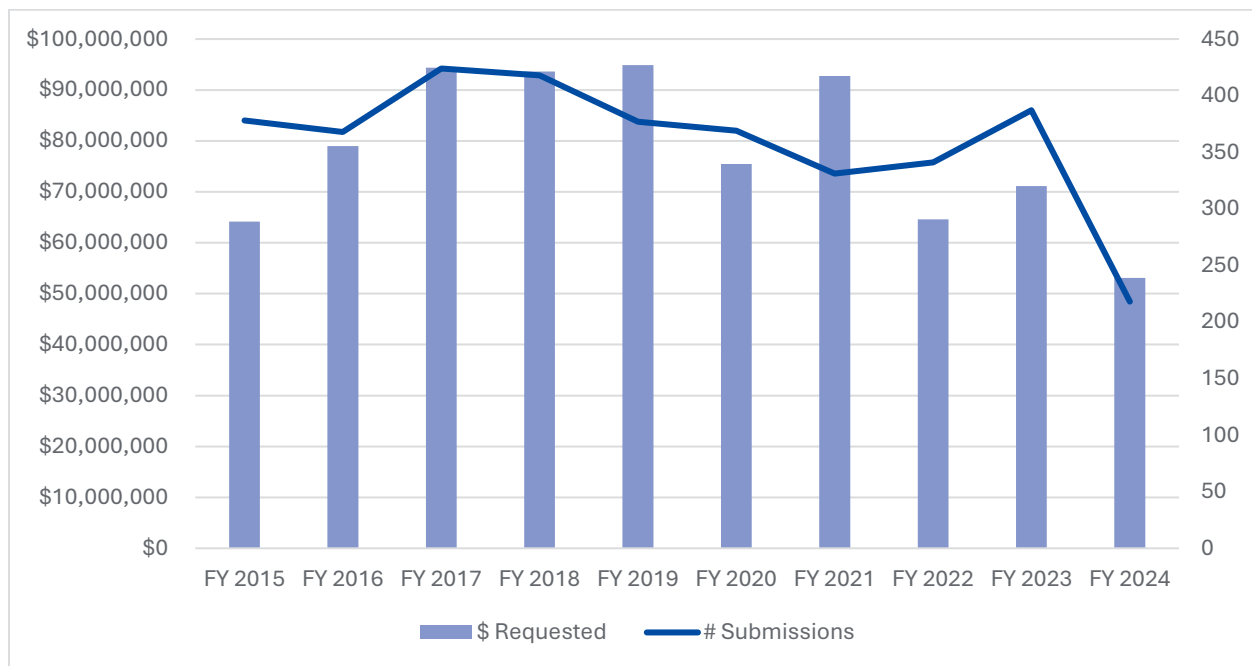


Figure 1.1: Total Amount Requested & Total Number of Submissions, FY 2015-2024

One element of the variation is that DePaul’s sponsored program submission activity is largely driven by a small group of grants-active faculty that submit multiple submissions, rather than evenly distributed across a broad spectrum of faculty scholars.

It is also important to note that for any given FY, there is not necessarily a direct relationship between the number of submissions and the number of awards received. Submissions to federal agencies typically require a seven- to

nine-month review period; hence, submissions for the last half of the 2024 FY, may not generate awards until the 2025 FY.

To increase the number of submissions in FY2025, the pre-award team will focus in on the continuation of several research development activities as described in the overview, including grant writing support, new scholarship learning communities, and programming around Innovation Day.

Submissions by Purpose

FY 2024 submission activity, classified by proposed purpose, is detailed in Table 1.2. Consistent with DePaul’s performance in prior fiscal years, submission activity is principally

for external support of faculty and staff research activities.

Table 1.2: Submissions by Purpose

Purpose	Count	%	Amount	%
Research	147	67.7%	\$41,698,289	78.7%
Public Service	37	17.1%	\$7,235,833	13.7%

Conferences	1	0.5%	\$5,000	0.0%
Other	32	14.7%	\$4,018,582	7.6%
TOTAL	217	100%	\$52,957,704	100%

Submissions by Unit

Table 1.4 details FY2024 submission data by academic unit. While all colleges and many administrative units had submissions in FY 2024, submission activity was concentrated in two colleges, the Jarvis College of Computing and Digital Media (CDM) and the College of Science and Health (CSH), which collectively account for 43.6% of DePaul's 2024 submissions, and 66.9% of the funds solicited

by the University this fiscal year. While CSH, CDM, Business, and the Administrative Units had a decrease in terms of number of submissions and requested dollar amount in FY2024, most of other colleges and schools were consistent with the previous year. There was also a significant increase for the College of Education, more than doubling the total amount requested by that college.

Table 1.4: Submissions by Unit

Unit	Count	%	Amount	%
College of Business	32	14.75%	\$1,300,096	2.45%
College of Communication	6	2.76%	\$477,606	0.90%
College of Computing & Digital Media	49	22.58%	\$16,854,941	31.83%
College of Education	21	9.68%	\$9,596,615	18.12%
College of Law	8	3.69%	\$814,368	1.54%
College of Liberal Arts & Social Sciences	26	11.98%	\$2,921,609	5.52%
College of Science & Health	45	20.74%	\$18,516,350	34.96%
School for Continuing and Professional Studies	1	0.46%	\$35,000	0.12%
School of Music	2	0.92%	\$65,390	0.07%
The Theatre School	2	0.92%	\$35,000	0.07%
Administrative Units	25	11.52%	\$2,340,729	4.42%
TOTAL	217	100%	\$52,957,704	100%

Public vs. Private Submissions

In FY 2024, 43% of submissions on behalf of the University were to public funding sources including federal, state and municipal agencies; 57% of submissions were to private organizations including associations, professional societies, research institutes, foundations and corporations. While the

overall count of public submissions was lower, these submissions account for a much higher percentage of the dollars requested (79% vs. 21%).

The smaller dollar value of funds requested from private sources is perhaps indicative that private funding is sought for short-term,

selective program needs that inject significant resources into the University for limited periods of time, whereas public funding tends to be sought for initiatives requiring long-term, larger scale financial commitments. Table 1.3 details submissions by funding source, as well as total funds requested of both public and private agencies.

Table 1.3: Public vs. Private Submissions

Type	Count	%	Amount	%
Private	124	57%	\$11,063,425	21%
Public	93	43%	\$42,064,278	79%
TOTAL	217	100%	\$52,957,704	100%

Table 1.5: Submissions by Source of Support

Agency		Amount	Number
Federal Agencies	Centers for Disease Control (UIC)	\$7,000	1
	Defense Advanced Research Projects Agency	\$373,467	1
	Department of the Airforce	\$36,188	1
	Department of Energy	\$0	1
	Library of Congress	\$74,954	1
	National Aeronautics & Space Administration	\$1,103,137	4
	National Endowment for the Humanities	\$50,000	1
	National Institutes of Health	\$16,100,275	22
	National Science Foundation	\$14,729,619	29
	National Security Agency	\$665,803	1
	Substance Abuse and Mental Health Adm	\$205,222	1
	U.S. Department of Education	\$5,038,608	4
	U.S. Department of State	\$52,050	3
	U.S. Department of Agriculture	\$75,000	1
	Subtotal	\$38,511,323	71
International Agencies	European Commission	\$400,000	2
	Social Sciences and Humanities Research Council	\$15,996	1
	Subtotal	\$415,996	3
Municipal Agencies	Cook County Dept. of Environment and Sustainability	\$297,886	2
	Chicago Board of Education	\$246,909	4
	Community Mental Health Board of Oak Park	\$270,001	1
	Oak Park Elementary School District 97	\$90,000	1
	Subtotal	\$904,796	8
State Agencies	Illinois Board of Higher Education	\$120,000	5
	Illinois Criminal Justice Information Authority	\$136,810	1

Submissions by Source of Support

A full listing of the agencies from which DePaul sought funding for sponsored projects in FY 2024 is detailed in Table 1.5. Submissions to three agencies, the National Institutes of Health (NIH), the National Science Foundation (NSF) and the U.S. Department of Education account for 67.5% of all DePaul funds requested and 93.3% of federal dollars requested.

Interestingly, in FY 2024, more funds were solicited from NIH than NSF; in previous years, NSF submission totals exceeded those requested of all other agencies.

	Illinois Dept. of Commerce and Economic Opportunity	\$499,736	1
	Illinois State Board of Education	\$168,000	1
	Illinois State Library	\$298,738	2
	Senator Dick Durbin-Congressional Directed Spending Program	\$720,000	1
	Subtotal	\$1,943,284	11
Corporations	20th Century Studios	\$330	1
	Abbott Laboratories	\$52,748	1
	Boeing	\$125,000	1
	Career Highways, Inc.	\$18,200	1
	ComEd	\$35,000	2
	Elevated Chicago	\$47,500	2
	Fifth Third Bank	\$20,250	1
	Google	\$1,000,000	1
	Housing Opportunities and Maintenance for the Elderly, Inc.	\$30,000	1
	Inter-American Development Bank	\$75,000	1
	Mindexplorer Education Association, LLC	\$8,000	1
	Skills for Chicagoland's Future	\$3,500	1
	ULSE, Inc.	\$250,000	1
	Wingstop Charities	\$87,184	1
	Subtotal	\$1,752,712	16
Foundations	Arthur Vining Davis Foundation	\$253,502	1
	Chicago Community Foundation	\$200,000	1
	Citi Foundation	\$500,000	1
	Daughters of Charity	\$55,000	1
	Field Foundation of Illinois	\$79,998	2
	Foundation for Contemporary Arts	\$45,000	1
	Gaylord & Dorothy Donnelly Foundation	\$198,744	1
	Hearst Foundations	\$200,000	1
	Illinois Immigration Funders Collaborative	\$31,326	1
	Japan Foundation of Los Angeles	\$5,000	1
	Japan Foundation of New York	\$4,978	1
	Julian Grace Foundation	\$101,243	1
	Lawyers Trust Fund	\$76,336	1
	MacArthur Foundation	\$300,000	1
	Motorola Solutions Foundation	\$95,000	2
	Northern Trust	\$50,000	1
	Poetry Foundation	\$2,000	1
	Polk Bros. Foundation	\$100,000	1
	Raskob Foundation	\$25,000	1
	Robert R. McCormick Foundation	\$294,934	1
	RRF Foundation for the Aging	\$75,000	1
	Russell & Josephine Kott Memorial Charitable Trust	\$115,000	1
	Sloan Foundation	\$277,241	1
	Spencer Foundation	\$398,553	3
	Teiger Foundation	\$75,000	1

	Terra Foundation	\$25,000	1
	The Andy Warhol Foundation or the Visual Arts	\$98,175	1
	The Barakat Trust	\$22,738	2
	The Chicago Community Trust	\$175,000	2
	The JP Morgan Chase Foundation	\$7,084	1
	The Kurt Weill Foundation for Music	\$15,000	1
	The Lynde and Harry Bradley Foundation	\$19,910	1
	Woods Fund Chicago	\$35,000	1
	Subtotal	\$3,956,762	39
Other Organizations	100,000 Strong in the Americas	\$25,000	1
	AccessLex Institute	\$300,000	1
	After School Matters	\$75	1
	American Association of University Women	\$8,000	1
	American Mathematical Society	\$27,000	3
	American Medical Association	\$279,879	1
	American Psychological Association	\$2,500	1
	American Public Health Association	\$30,245	1
	Archdiocese of Chicago	\$3,308,124	4
	Beyond Benign	\$10,000	1
	Brushwood	\$26,913	1
	Chicago Bar Foundation	\$15,000	1
	Chicago Center for Health and Environment (CACHET)	\$12,334	1
	Chicago Metropolitan Agency for Planning	\$240,642	10
	Community Investment Corporation	\$8,750	1
	DPU-RFUMS	\$265,479	9
	Greater Chatham Initiative	\$5,500	1
	Illinois Association of Realtors	\$85,400	1
	Institute for Humane Studies	\$9,600	1
	Institute of International Education	\$50,390	2
	Interfaith America	\$30,000	1
	Lewis and Clark Community College	\$172,092	2
	Organic Syntheses	\$16,000	1
	Our Lady of the Snows Catholic School	\$2,500	1
	Palenque LSNA	\$20,000	1
	Rush University Medical School	\$59,806	1
	Society for Community Research and Action	\$6,000	1
	Southwest Organizing Project	\$12,500	1
	Springboard to Success	\$120,437	3
	St Therese Chinese Catholic School	\$11,342	1
	St. Ann School	\$2,600	1
	St. John the Baptist Catholic School	\$10,500	1
	St. Malachy	\$8,250	1
	St. Therese Chinese Catholic School	\$11,060	2
	The Arthur Page Center	\$15,000	1
	The Institute of Internal Auditors	\$5,000	1

The Resurrection Project	\$188,052	3
United Way	\$15,860	1
Urban Institute	\$50,000	1
Visitation Catholic School	\$5,000	1
Subtotal	\$5,352,393	66
Total	\$52,957,704	217

SECTION 2:

EXTRAMURAL AWARDS

The Extramural Awards section of the report summarizes the activities of the Award Management unit of ORS. Award Management staff assist faculty and staff with the management of grants, contracts, cooperative agreements and other award mechanisms through a variety of activities that begin when a notice of grant award is issued and extend until the award is closed-out. ORS is assisted in this function by the Restricted Accounting Office. The management of corporate and foundation sponsored project awards is done in concert with DePaul's Advancement Office. The number of awards and the level of funding associated with those awards are the metrics used to understand this unit's level of activity. An analysis of these metrics can be found after this year's Featured Awards.

Featured Awards

Many faculty at DePaul balance their responsibilities in the classroom educating and mentoring students with competing for and securing external funding in support of their research, scholarship, and service activities. Their extramurally funded projects not only hold the potential to impact the scholarly community but also society as a whole. DePaul University's FY 2024 awarded projects over \$100,000 follow. (A full listing of all awards received in FY 2024, listed by project lead, can be found at the end of this section.)

Principal Investigator: Kimberly Quinn
Academic Unit: CSH
Title: SAI: Identifying Features of Healthy and Equitable Public Spaces
Award: National Science Foundation; 9/15/2023-8/31/2026; \$750,000
The project will simultaneously pursue three aims: (1) Determine what features of public spaces promote psychological restoration; (2) Identify specific ways in which built spaces can be better designed to promote wellbeing; and (3) Compare how marginalized and non-marginalized individuals experience public spaces.

Principal Investigator: Stefan Mitsch
Academic Unit: CDM
Title: FMITF Track I: A Formal Verification and Implementation Stack for Programmable Logic Controllers
Award: National Science Foundation; 3/1/2024-9/30/2025; \$376,695
This project centers around the study of the integration of formal modeling and theorem proving for cyber-physical systems with testing. Dr. Mitsch aims to use the funding to develop PLC-style syntax for formal models, extend language to multi-PLC and multi-task modeling, integration of generated monitors with PLC and SCADA monitoring infrastructure, and extend HyPLC translation approach to apply to more general program shapes and configuration artifacts in partnership with Carnegie Mellon University.

Principal Investigator: Geoff Smith
Academic Unit: BUS
Title: Data Development and Technical Assistance to Support Place-Based Community Investment Strategies
Award: MacArthur Foundation; 10/1/2024-9/30/2027; \$300,000
In this project, researchers will identify emerging community needs to support equitable place-based investment strategies, reframe existing IHS data indicators and develop new applied research products in response to new and ongoing challenges, and connect IHS's research directly to community stakeholders through the production of custom technical assistance products that are responsive to their specific issues.

Principal Investigator: Fernando DeMaio
Academic Unit: LAS
Title: Joint Agreement with American Medical Association
Award: American Medical Association; 5/1/2024-4/30/2026; \$279,879
Dr. DeMaio will lead the development, articulation, and implementation of the AMA's Center for Health Equity's research plan. He will be responsible for securing and cultivating partnerships internally and externally to progress the growth and sustainability of CHE initiatives that align and support AMA mission.

Principal Investigator: Julie Brosnan
Academic Unit: CSH
Title: The Mindfulness Matters Project (MMP): Strengthening Youth Development through Evidence-Based Practices
Award: Community Mental Health Board of Oak Park Township; 4/1/2024-3/31/2025; \$270,000
DePaul University and the Mindfulness Matters Program (MMP) will continue addressing the mental health needs of elementary- and middle school-aged students and families, strengthening the caregiving system around them. Directed by the University's Family and Community Services (DFCS), CMHB funding will support the MMP to serve students, families, and school staff from middle and elementary schools in Oak Park's District 97

school system. The Program will leverage the evidenced-based Multi-Tiered System of Support (MTSS) model, which ensures efficient use of limited resources, with the idea that many children can be served through universal approaches that teach them and their caregivers about emotional health, and that those who are at increasing risk or symptom severity will utilize more intensive, individualized service. Additionally, care coordination services will be provided to D97 families so that they are connected to both school and community-based supports.

Principal Investigator: Olayele Adelakun
Academic Unit: CDM
Title: Project Periscope
Award: ULSE, Inc.; 11/10/2023-11/9/2024; \$250,000
DePaul iD Lab will work with ULSE to develop enhanced sensing capabilities for its Planning Team. This initiative aims to improve the ULSE team's ability to identify market trends/hazards that need to be addressed through standardization activities, by scanning for both strong and weak signals/trends in a more efficient manner. The focus will be to identify predictive trends in specified sectors.

Principal Investigator: Geoff Smith
Academic Unit: BUS
Title: Task 6: Housing Data Snapshots for each Jurisdiction
Award: Chicago Metropolitan Agency for Planning; 2/20/2024-10/31/2024; \$240,633
Goals of this project are to: Identify key research questions to inform the development of a national NOAH market typology; develop a methodology to categorize a set of large US cities into NOAH peer groups based on the characteristics of and pressures on their naturally occurring affordable housing stock; collect data resources needed to implement this market typology; and present findings of data analysis as needed.

Principal Investigator: Antonio Polo
Academic Unit: CSH
Title: 2023-2024 Task Order for Social Emotional Learning for Act and Adapt
Award: Chicago Board of Education; 8/1/2023-6/30/2024; \$224,058
DePaul University agrees to train and support select implementation and sustaining CPS school staff (e.g., social workers, school psychologists, counselors) on the program protocol and delivery of Act & Adapt. CPS staff slated for implementation will be selected from up to 24 schools to be determined once recruitment and application reviews are completed by OSEL staff; CPS staff for continued participation will come from up to 86 schools from the sustainability schools list.

Principal Investigator: John Zeigler (Walidah Bennett)
Academic Unit: Steans Center
Title: Multi-Faith Veteran Initiative
Award: Robert R. McCormick Foundation; 3/13/2024-3/12/2025; \$150,000
The Multi-Faith Veterans Initiative (MVI) works in communities across the Chicagoland area to co-create safe spaces where military veterans and their families find support as they navigate their transition to civilian life. Through training, networking, developing best practices, conducting research and improving access to veteran service partners across Illinois, MVI enables its partners to best serve veterans and their families, especially in under-resourced neighborhoods.

Principal Investigator: Barbara Rieckhoff
Academic Unit: COE
Title: DePaul Leading and Learning Program
Award: Illinois State Board of Education; 7/1/2023-8/31/2024; \$168,000
DePaul University Principal Leading and Learning Grant seeks new principals to participate in a year-long mentoring and coaching program. Eligibility requires applicants to be graduates of DePaul's Principal Preparation Program or another approved Illinois Principal Preparation Program and who have signed a contract to serve as a new principal for the 2022-2023 academic year in a public school.

Principal Investigator: Kelly Hallisy
Academic Unit: DePaul University Libraries
Title: Open Educational Resource Design and Development Across Disciplines at DePaul University
Award: Illinois State Library; 6/1/2023-6/30/2026; \$149,278
DePaul University Principal Leading and Learning Grant seeks new principals to participate in a year-long mentoring and coaching program. Eligibility requires applicants to be graduates of DePaul's Principal Preparation Program or another approved Illinois Principal Preparation Program and who have signed a contract to serve as a new principal for the 2022-2023 academic year in a public school.

Principal Investigator: Tao Hou
Academic Unit: CDM
Title: CRII: AF: Efficiently Computing and Updating Topological Descriptors
Award: National Science Foundation; 4/1/2024-3/31/2026; \$160,230
Understanding the underlying structure for data has been a focus in computer science in this "big data" era. Topological Data Analysis (TDA) is an emerging field for analyzing highly complex datasets using algebraic topology. This project focuses on a major tool in TDA, namely persistent homology, by considering both the standard persistence and its extension, zigzag persistence.

Principal Investigator: Howard Rosing
Academic Unit: Steans Center
Title: Urban Farming Gap Analysis
Award: Cook County Department of Environment and Sustainability; 8/1/2023-5/31/2026; \$148,943
The goal of this project is to create a current state analysis of urban agricultural business, practices, and support programs that are focused on obtaining land for agriculture, production and growing of food, value-added agriculture, supply chain and logistics and opportunities for community access to fresh, healthy foods within suburban Cook County.

Principal Investigator: John Zeigler (Walidah Bennett)
Academic Unit: Steans Center
Title: MVI VetHer Women's Wellness Project Phase 5
Award: Boeing; 1/1/2024-12/31/2024; \$125,000
With the award, DePaul University's Multi-Faith Veterans Initiative (MVI) will deliver Phase 5 of the MVI VetHer Women's Wellness Project (formerly the MVI Women Veterans Wellness Project). Launched with Boeing support in 2020, the project addresses the core question, "How do we develop effective strategies that support positive transition experiences for women veterans?"

Principal Investigator: Ionit Behar
Academic Unit: DePaul Art Museum
Title: Edgar Miller: Anti-Modern, 1917-1967 Exhibition
Award: Terra Foundation for American Art; 12/1/2023-3/31/2025; \$110,000
This exhibition—the first retrospective and most comprehensive solo presentation of Miller's work to date—celebrates the achievements of the artist's multifaceted career while also situating his output within the broader socio-cultural histories of Chicago and the communities in which he worked.

Principal Investigator: Filipo Sharevski
Academic Unit: CDM
Title: 2022 NCAE-The University of Arkansas
Award: National Security Agency; 9/26/2022-9/16/2024; \$100,000
This award will help standardize the first course in a cybersecurity undergraduate degree program. The course, entitled "Cyber 1," will further teacher training to produce a more significant percentage of upskilled high school cybersecurity teachers capable of teaching a dual/concurrent/placement credit course. The goals of the course are to prepare high school teachers to teach Cyber 1, coordinate the involvement of the cybersecurity community in the development of Cyber 1, and rapidly scale the offerings of Cyber 1 by establishing the National Cyber Teaching Academy (NCTA).

Principal Investigator: Geoff Smith
Academic Unit: BUS
Title: Data and technical assistance supporting equitable housing and community investment strategies
Award: Polk Brothers Foundation; 1/1/2025-12/31/2025; \$100,000
DePaul's Institute for Housing Studies (IHS) will work directly with housing and community development stakeholders to develop and update data on housing market conditions, informing affordable housing development and anti-displacement strategies and increasing understanding of the impacts of the COVID-19 pandemic on housing affordability, evictions, and neighborhood investment. IHS will provide technical assistance to support equitable housing and community investment strategies, particularly related to support for groups representing communities on Chicago's historically disinvested South and West Sides.

Award Trends

In FY 2024, DePaul University received 139 new and continuation awards from external funding agencies, in addition to 43 agreements with no monetary value attached, such as material transfer agreements, data use agreements, and nondisclosure agreements. Revenue from sponsored projects totaled \$12,220,667 in fiscal year 2024. This revenue total includes \$6,097,944 in new award dollars and \$6,122,723 in FY 2024 continuation funding. Continuation funding occurs when a funding agency makes an award commitment to the institution, but transfers the award dollars to the institution, incrementally, typically in annual installments based on satisfactory technical progress on a project. Continuation dollars are counted by DePaul as award volume

in the year in which the funds are actually received, rather than at the time of the initial award notice projecting future receipt of such funds.

In comparison to FY 2023, the number of new and continuation awards with monetary value received in FY 2023 remained consistent, however, the overall award revenue received from these awards decreased an estimated 27% from \$16,774,373 to \$12,220,667. Some of this variation may be due to delays at the federal level. For example, two large grants were recommended for funding during FY2024, but the actual funding was delayed past the end of the fiscal year. Conversely, the numbers for FY2023 were unexpectedly high as a result of award funds expected for FY2024 being received in FY2023.

Awards by Purpose

While extramural awards received by DePaul in FY 2024 cover a broad spectrum of activities, as detailed in Table 2.1, research-related activities account for the preponderance of this year's support. An estimated 70% of the 139 awards received by DePaul University in FY 2024 were in support of research, accounting for 86% of the \$12.2M in funds awarded to the University in FY 2024. Public Service accounted for \$733K, or 6%, of funds received in FY 2024, while Institutional Support accounted for 4% of dollars.

Table 2.1: Awards by Purpose

Purpose	#	%	Amount	%
Research	97	70%	\$10,503,133	86%
Public Service	15	11%	\$733,457	6%
Academic Programs	19	14%	\$271,899	2.2%
Instruction	2	1%	\$156,778	1%
Student Aid	1	1%	\$50,000	0%
Conference	1	1%	\$5,000	0%
Institutional Support	4	3%	\$500,400	4%
TOTAL	139	100%	\$12,220,667	100%

Awards by Unit

As indicated in Table 2.2, eight of DePaul's ten Colleges received sponsored project funding in FY 2024, as did several University administrative units. The College of Science and Health (CSH) is the most prominent DePaul recipient of sponsored project funding in FY 2024. The dollar share of CSH's FY 2024 award

volume totaled \$6,086,242, or 49.8% of the University's total award volume of \$12,220,667, up from a 42.0% share in FY 2023. The Jarvis College of Computing and Digital Media (16.2%) and the Administrative Units (9.6%), College of Business (8.3%), College of Education (7.8%), and College of Liberal Arts and Social Sciences (6.0%) also contributed substantively to the University's award revenue in FY 2024.

Table 2.2: Awards by Unit

Unit	Award #	%	Award \$	%
College of Business	19	13.67%	\$1,013,065	8.3%
College of Communication	2	1.44%	\$36,413	0.3%
College of Computing & Digital Media	26	18.71%	\$1,985,147	16.2%
College of Education	25	17.99%	\$949,330	7.8%
College of Law	5	3.60%	\$231,074	1.9%
College of Liberal Arts & Social Sciences	11	7.91%	\$737,929	6.0%
College of Science & Health	38	27.34%	\$6,086,242	49.8%
School for Continuing and Professional Studies	0	0.00%	\$0	0.0%
School of Music	1	0.72%	\$7,500	0.1%
The Theatre School	0	0.00%	\$0	0.0%
Administrative Units	12	8.63%	\$1,173,967	9.6%
TOTAL	139	100%	\$12,220,667	100%

Public vs. Private Awards

DePaul University relies on funding from a variety of sources, including federal, state, and municipal agencies, as well as private sources of support such as associations, corporations, foundations, and other organizations to support its sponsored activities. In FY 2024, public agencies accounted for 73% of sponsored project funding received (Table 2.3). Consistent with past trends, the federal government provided the vast majority, 88%, of the awarded public share (Table 2.4).

Table 2.3: Awards by Type

Type	Count	Amount	%
Public	65	\$8,942,692	73%
Private	74	\$3,277,975	27%
TOTAL	139	\$12,220,667	100%

Table 2.4: Public Awards Detailed Breakdown

Type	Count	Amount	%
Federal	47	\$7,870,271	88%
Municipal	11	\$550,258	6%
State	7	\$522,163	6%
TOTAL	65	\$8,942,692	100%

Awards by Source of Support

A complete listing of the public and private agencies from which DePaul faculty received support can be seen in Table 2.5. The NIH, NSF, Department of Education, and NASA were the

largest funders, accounting for 26.6% of awards and 63.3% of dollars awarded. Individual award listings by PI name appear at the end of this section.

Table 2.5: Awards by Source of Support

	Source	AMOUNT	NUMBER
Federal Agencies	Administration for Community Living	\$9,088	1
	National Aeronautics and Space Administration	\$748,676	10
	National Institutes of Health *	\$2,768,968	13
	National Science Foundation	\$1,363,240	6
	National Security Agency	\$100,000	1
	Substance Abuse and Mental Health Services Admin.	\$60,000	1
	U.S. Department of Agriculture	\$75,000	1
	U.S. Department of Education	\$2,861,844	8
	U.S. Department of Health and Human Services*	-\$223,475	3
	U.S. Department of Homeland Security	\$54,880	1
	U.S. Department of State	\$52,050	2
	Subtotal	\$7,870,271	47
Municipal Agencies	Chicago Board of Education	\$255,345	7
	Chicago Mayor's Office for People with Disabilities	\$5,970	1
	Cook County Dept. of Environment and Sustainability	\$148,943	1
	Oak Park Elementary School Dist. 97	\$90,000	1
	Waukegan Community Unit School Dist. #60	\$50,000	1
	Subtotal	\$550,258	11
State Agencies	Illinois Board of Higher Education	\$70,000	2
	Illinois Criminal Justice Information Authority	\$88,787	1
	Illinois State Board of Education	\$168,000	1
	Illinois State Library	\$149,278	1
	University of Illinois System	\$46,098	2
	Subtotal	\$522,163	7
Corporations	11.2 Ventures, LLC	\$33,453	2
	20 th Century Studios	\$330	1
	Abbott Laboratories	\$52,748	1
	Boeing	\$125,000	1
	Community Investment Corporation	\$8,750	1
	Elevated Chicago	\$20,000	1
	Elevated Films	\$10,000	2
	Greater Chatham Initiative	\$5,550	1

	MindXplorer (Beijing) Education and Culture Exchange	\$8,000	1
	ULSE, Inc.	\$250,000	1
	Wingstop Charities	\$50,000	1
	Subtotal	\$563,831	13
Foundations	The Annie E. Casey Foundation	\$50,000	1
	Chicago Bar Foundation	\$15,000	1
	The Chicago Community Foundation	\$25,000	1
	The Chicago Community Trust	\$50,000	1
	Daughters of Charity	\$55,000	1
	Japan Foundation	\$7,150	2
	Julian Grace Foundation	\$101,243	2
	The JP Morgan Chase Foundation	\$7,084	1
	The Kurt Weill Foundation for Music	\$7,500	1
	Lawyer's Trust Fund of Illinois	\$75,000	1
	The Lynde and Harry Bradley Foundation, Inc.	\$19,470	1
	The John D. and Catherine T. MacArthur Foundation	\$300,000	1
	Motorola	\$45,000	1
	Poetry Foundation	\$2,000	1
	Polk Bros. Foundation	\$100,000	1
	Raskob Foundation for Catholic Activities	\$25,000	1
	The Robert R. McCormick Foundation	\$150,000	1
	Teiger Foundation	\$75,000	1
	Terra Foundation for American Art	\$110,000	1
	Subtotal	\$1,219,447	21
Other Organizations	American Medical Association	\$279,879	1
	Archdiocese of Chicago	\$34,200	4
	Bushwood Center at Ryerson Woods	\$26,913	1
	Central Middle School	\$12,000	1
	Chicago Chronic Condition Equity Network	\$7,470	2
	Chicago Metropolitan Agency for Planning	\$240,633	1
	Community Mental Health Board of Oak Park Township	\$270,000	1
	Illinois Arts Council	\$15,400	1
	Illinois Association of Realtors	\$85,400	1
	Institute for Humane Studies	\$3,000	1
	The Institute of Internal Auditors	\$5,000	1
	Lewis and Clark Community College	\$118,900	2
	Noble Network of Charter Schools	\$10,000	1
	Northwest Center	\$25,000	1
	Organic Syntheses	\$16,000	1
	Our Lady of the Snows Catholic School	\$2,500	1
	Palenque LSNA	\$20,000	1
	Skills for Chicagoland's Future	\$3,500	1
	Society for Community and Research Action	\$6,000	1
	Southwest Organizing Project	\$12,500	1

Springboard to Success	\$117,094	3
St. Ann School	\$2,600	1
St. John the Baptist School	\$10,500	1
St. Malachy Catholic School	\$8,250	1
St. Therese Chinese Catholic School	\$36,848	4
St. Viator Elementary School	\$19,250	1
The Resurrection Project	\$85,000	2
United Way of Metropolitan Chicago	\$15,860	1
Visitation Catholic School	\$5,000	1
Subtotal	\$1,494.697	40
TOTAL	\$12,220,667	139

*These award totals include awards contracts with negative value. This may happen when a sponsor makes revisions to an award due to human error, new sponsor obligations, or underspending of award funds.

Individual Award Listings

Extramural new and continuation awards received in FY2024.

Adelakun, Olayele; ULSE, Inc.; Project Periscope; 11/10/2023-11/9/2024; \$250,000

Adelakun, Olayele; Abbott Laboratories; AI Summer Program on HR Chatbot; 6/5/2024-8/1/2024; \$52,748

Albiol, Sioban; Lawyer's Trust Fund of Illinois; LTF FY2024 Legal Resources Project; 1/1/2024-12/31/2024; \$75,000

Albiol, Sioban; The Resurrection Project; FY23/24 Legal Services for Recent Arrivals (SWB Arrivals); 7/1/2023-9/30/2024; \$40,000

Albiol, Sioban; The Resurrection Project; 2024 Colibri Fellowship for DOJ Accreditation; 7/1/2023-6/30/2024; \$45,000

Albiol, Sioban; Julian Grace Foundation; Support for Improving Frameworks for Immigration and Asylum: Service, Research and Advocacy; 7/1/2024-6/30/2025; \$51,604

Alderden, Megan; Illinois Targeted Violence and Terrorism Prevention- Initiative 2; U.S. Department of Homeland Security; 10/1/2023-9/30/2025; \$54,880

Ansar, Sina; University of Illinois System; Efficient COVID-19 Testing via Aggregate Planning and Optimization; 1/1/2024-12/31/2025; \$21,104

Ansar, Sina; University of Illinois System; Efficient COVID-19 Testing via Aggregate Planning and Optimization; 7/1/2023-6/30/2025; \$24,994

Bathje, Molly; Administration for Community Living; Partnering with Persons with Intellectual and Developmental Disabilities to Improve Health Care Outcomes; 9/1/2022-8/31/2023; \$9,088

Bathje, Molly; Rush/City of Chicago; Employment for People with Disabilities; 1/2/2023-1/1/2024; \$5,970

Bathje, Molly; Department of Health and Human Services/Rush University; Partnering with Persons with Intellectual and Developmental Disabilities to Improve Health Care Outcomes; 9/1/2023-8/31/2024; \$9,359

Beck-Winchatz, Bernhard; Illinois Space Grant Consortium Office; DePaul University NASA-based Courses for Middle School T; 4/10/2020-4/9/2024; \$20,000

Beck-Winchatz, Bernhard; Illinois Space Grant Consortium Office; DePaul University NASA-based Courses for Middle School T; 4/10/2020-4/9/2024; \$5,000

Behar, Ionit; Terra Foundation for American Art; Edgar Miller: Anti-Modern, 1917-1967 Exhibition; 12/1/2023-3/31/2025; \$110,000

Bell, Margaret; Chicago Center for Health and Environment; PFAS impacts on developing microglia”; 12/1/2023-11/30/2024; \$12,334

Berardi, Luciano; United States Department of Education; DePaul University Ronald E. McNair Post-Baccalaureate Achievement Program; 10/1/2023-9/30/2024; \$271,617

Booth, Paul; 20th Century Studios; The Creator Panel Discussion; 9/1/2023-11/30/2023; \$330

Brosnan, Julie; Community Mental Health Board; The Mindfulness Matters Project (MMP): Strengthening Youth Development through Evidence-Based Practices; 4/1/2024-3/31/2025; \$270,000

Brosnan, Julie; Oak Park Elementary School District 97; D97 School -Based Mental Health Support; 12/12/2023-8/31/2024; \$90,000

Brosnan, Julie; Chicago Board of Education; Social and Emotional Professional Development Services for CPS OSHW; 3/11/2024-3/21/2024; \$503

Brosnan, Julie; Chicago Board of Education; Social and Emotional Learning Services for the Virtual Academy; 9/1/2024-6/30/2025; \$2,348

Brosnan, Julie; Chicago Board of Education; CPS P0 # 4189915 0: Social and Emotional Learning for Lincoln Park High School 23/24; 10/16/2023-6/30/2024; \$20,000

Brosnan, Julie; Chicago Board of Education; CPS Po# 4123997 0: Social Emotional Learning Services for Virtual Academy-23-24 School Year; 8/21/2023-6/30/2024; \$6,709

Brosnan, Julie; Chicago Board of Education; Social Emotional Learning Services for Virtual Academy-August; 8/16/2023-8/23/2023; \$125

Brosnan, Julie; Daughters of Charity; Mental Health Support with MSV; 7/1/2024-6/30/2025; \$55,000

Buscemi, Joanna; National Institutes of Health; Testing a Multibehavioral Intervention to improve Oral Health Behaviors in the pediatric Dental Surgery Population; 9/1/2023-8/30/2024; \$36,965

Cadilhac, Michael; National Science Foundation; Travel: Student Travel Support for Logic Mentoring

Workshops 2024; 2/15/2024-11/30/2024; \$16,315

Catlett, Beth; Illinois Criminal Justice Info Authority; Take Back the Halls: Ending Violence in Relationships and Schools; 2/1/2022-6/30/2024; \$88,787

Chikamatsu Chandler, Nobuko; Poetry Foundation; Jun Fujita Exhibition Phase One; 5/1/2024-8/31/2025; \$2,000

Chikamatsu Chandler, Nobuko; Japan Foundation Los Angeles; 2024 Central Association of Japanese Conference/CATJ (co-hosted by DePaul and Purdue University); 2/20/2024-6/30/2024; \$5,000

Chikamatsu, Nobuko; Japan Foundation New York; An oblivious Japanese traversing the US border: Jun Fujita’s Life through his photography and poetry; 11/1/2023-3/31/2024; \$2,150

Coll, Alberto; Lynde and Harry Bradley Foundation; The Constitution and American Foreign Policy: A Course on the Constitution of the United States; 8/8/2023-5/31/2024; \$19,470

Connolly, Sarah; National Institutes of Health; Mechanism of herpes simplex virus (HSV) induced membrane fusion; 12/1/2022-11/30/2023; \$123,573

Connolly, Sarah; National Institutes of Health; Mechanism of herpes simplex virus (HSV) induced membrane fusion; 12/1/2023-11/30/2024; \$126,909

DeMaio, Fernando; American Medical Association; Joint Agreement with American Medical Association; 5/1/2024-4/30/2026; \$279,879

Demetriades, Stefanie; National Institutes of Health; Reducing HIV vaccine and prevention hesitancy among sexual and gender minority adolescents; 5/16/2023-2/28/2025; \$36,083

Flores, Michael; Elevated Films; Become a Filmmaker Supplement Activities I; 12/1/2022-3/31/2024; \$5,000

Flores, Michael; Elevated Films; Become a Filmmaker Supplement Activities II; 12/1/2022-6/30/2024; \$5,000

Flores, Michael; Chicago Housing Authority; Become a Filmmaker 2024; 5/1/2024-6/30/2025; \$49,147

Flores, Michael; Chicago Housing Authority; Next Level Photography 2024; 5/1/2024-6/30/2025; \$36,172

Flores, Michael; Chicago Housing Authority; TV and Movie Scripts 101 (Screenwriting) 2024; 5/1/2024-6/30/2025; \$31,775

Geoff Smith; Illinois Association of Realtors; Data Reports for Illinois Realtors Association; 4/30/2024-12/31/2024; \$85,400

Grant, Kathy; United States Department of Education; Evaluation of an Intervention to Improve Academic Outcomes for Low-Income Urban Youth through Instruction in Effective Coping Supported by Mentoring Relationships; 7/1/2023-6/30/2024; \$761,673

Hague, Euan; United Way of Metropolitan Chicago; Nonprofit Management Training Program; 8/1/2023-7/31/2024; \$15,860

Hallisy, Kelly; Illinois State Library Open Educational Resource Design and Development Across Disciplines at DePaul University; 6/1/2024-6/30/2026; \$149,278

Hastings, Peter; US Department of Education; DePaul University School of Computing Graduate Assistance in Areas of National Need; 10/1/2023-9/30/2024; \$152,999

Hou, Tao; National Science Foundation; CRII: AF: Efficiently Computing and Updating Topological Descriptors; 4/1/2024-3/31/2026; \$160,230

Hutchinson, Nicholas; The Kurt Weill Foundation for Music; DePaul School of Music Winter Opera: Street Scene; 1/1/2024-5/31/2024; \$7,500

Jason, Leonard; National Institutes of Health; Enhancing Effectiveness Research on Recovery Housing for Persons Prescribed Medication for Opioid Use Disorder; 9/30/2023-9/29/2024; \$61,007

Jason, Leonard; National Institutes of Health; Maintenance and Incidence of ME/CFS Following Mono; 12/1/2023-11/30/2024; \$548,229

Jeong, Ansuk; Society for Community and Research Action; SCRA Research Scholar Program: Needs assessment of Korean American families post COVID-19 pandemic; 7/1/2023-6/30/2025; \$6,000

John McDonald; NASA (Prime)/Georgetown; Web-based Toolkit to Support Visualization and Morphological Analysis of Altimetry and Planetary Data; 1/24/2024-1/23/2025; \$31,000

Johnson, Laura-Caroline; Teiger Foundation; Christina Fernandez: Multiple Exposures; 12/1/2024-8/31/2025; \$75,000

Johnson, Laura-Caroline; Illinois Arts Council; General Operating Support for DPAM; 9/1/2023-8/31/2024; \$15,400

Kiel, Donna; Our Lady of the Snows Catholic School; Beyond Classroom Management; 8/17/2023-7/10/2024; \$2,500

Kiel, Donna; Visitation Catholic School; "Power of Words"; 4/30/2024-6/30/2025; \$5,000

Kiel, Donna; St. Therese Chinese Catholic School; St. Therese PD and Coaching #3; 11/1/2023-8/31/2024; \$11,342

Kiel, Donna; St. Therese Chinese Catholic School; Coaching and Consultation; 4/30/2024-6/1/2025; \$6,068

Kiel, Donna; St. Viator Elementary School; St. Viator- RISE; 5/1/2023-6/30/2024; \$19,250

Kiel, Donna; St. Malachy Catholic School; Building Team Malachy; 8/17/2023-7/10/2024; \$8,250

Kiel, Donna; St. John the Baptist School; RISE: Faith Based Equity and Belonging Program; 8/17/2023-7/10/2024; \$10,500

Kiel, Donna; Archdiocese of Chicago/Office of Catholic Schools; Equity and Social Justice Programs; 5/1/2023-6/30/2024; \$17,500

Kiel, Donna; St Ann School; Restorative Communications; 10/1/2023-6/30/2024; \$2,600

Kiel, Donna; Archdiocese of Chicago Catholic; PD Pathways Catholic Identity; 8/20/2023-6/30/2024; \$13,050

Kiel, Donna; Central Middle School; Central CARES Program; 5/1/2023-6/30/2024; \$12,000

Kiel, Donna; Waukegan Community Unit School District #60; Teaching Through Problem Solving; 2/1/2023-6/30/2023; \$50,000

Kiel, Donna; MindXplorer (Beijing) Education and Cult; Development of 2 Online Teacher Training Courses; 5/30/2024-9/1/2024; \$8,000

Kiel, Donna; Archdiocese of Chicago; Intervention Team Training; 8/17/2023-8/1/2024; \$3,150

Kiel, Donna; St. Therese Chinese Catholic School; St. Therese Coaching and Equity Programs; 5/1/2023-6/30/2024; \$14,437

Kiel, Donna; St. Therese Chinese Catholic School; St. Therese COR Social Emotional Program; 8/17/2023-7/10/2024; \$5,000

Kiel, Donna; Noble Network of Charter Schools; Social Emotional Micro-Credential Program; 2/9/2024-6/30/2024; \$10,000

Kiel, Donna; Chicago Board of Education; Kelvyn Park HS RISE: Equity and Empowerment; 5/1/2023-6/30/2023; \$1,600

Kiel, Donna; Archdiocese of Chicago; Office of Catholic Schools Retreat; 8/17/2023-7/10/2024; \$500

Klass, Jessica; University of Illinois at Chicago; Effectiveness of Using Game to Train Users on Respiratory Protection; 7/1/2023-6/30/2024; \$7,000

Wagner, LeAnne; Skills for Chicagoland's Future; UX/UI Design; 6/1/2024-9/30/2024; \$3,500

Lewis, Andre; Illinois Board of Higher Education; FY 2024 DFI Selected Fellowship for Jaden Duenas; 9/15/2023-6/30/2024; \$50,000

Malik, Tanu; National Aeronautics and Space Administration; Reproducible Containers for Advancing Process-oriented Collaborative Analytics; 8/8/2022-8/7/2024; \$40,000

Malik, Tanu; National Aeronautics and Space Administration; Reproducible Containers for Advancing Process-oriented Collaborative Analytics; 8/8/2022-8/7/2024; \$341,317

Malik, Tanu; Reproducible Containers for Advancing Process-oriented Collaborative Analytics; National Aeronautics & Space Admin; 8/8/2022-8/7/2024; \$13,726

Mikels, Joe; National Institutes of Health; Emotion, Aging, and Decision Making; 3/1/2024-2/28/2025; \$529,324

Mitsch, Stefan; National Science Foundation; FMITF Track I A Formal Verification and Implementation Stack for Programmable Logic Controllers; 3/1/2024-9/30/2025; \$376,695

Mitsch, Stefan; National Science Foundation; SafeRails; 4/15/2024-3/31/2025; \$50,000

Polo, Antonio; Chicago Board of Education; 2023-2034 Task Order for Social Emotional Learning Services for Act & Adapt (CPS PO# 4166814S 0); 8/1/2023-6/30/2024; \$224,058

Polo, Antonio; The Annie E. Casey Foundation; Support scaling plans for Act and Adapt; 6/1/2023-6/30/2024; \$50,000

Polo, Antonio; Substance Abuse and Mental Health Services Administration; Evaluation of Culturally Relevant Tiered Interventions; 10/1/2023-9/30/2024; \$60,000

Polo, Antonio; United States Department of Education; Project STRIDE: School-Based Trainee Recruitment and Retention through Innovation and Diversity Enrichment; 1/1/2024-12/31/2024; \$719,807

Polo, Antonio; United States Department of Education; Project STRIDE: School-Based Trainee Recruitment and Retention through Innovation and Diversity Enrichment; 1/1/2025-12/31/2025; \$185,332

Quinn, Kimberly; National Science Foundation; SAI: Identifying Features of Healthy and Equitable Public Spaces; 9/15/2023-8/31/2026; \$750,000

Renko, Maija; The JP Morgan Chase Foundation; Ecosystem Innovation Project; 10/1/2023-12/31/2023; \$7,084

Renko, Maija; Department of State; Young Transatlantic Innovation Leaders Initiative 2024; 9/15/2022-12/31/2024; \$44,050

Renko, Maija; Institute for Humane Studies; Great Lakes Entrepreneurship Network (GLEN)

research conference; 5/16/2024-5/18/2024;
\$3,000

Rieckhoff, Barbara; Illinois State Board of Education; DePaul Leading and Learning Program; 7/1/2023-6/30/2024; \$168,000

Rieckhoff, Barbara; Department of Education; Chicago Teacher Residency: Preparing High Quality Teachers for High-Need Urban Schools; 10/1/2023-9/30/2024; \$35,382

Rieckhoff, Barbara; US Department of Education; Chicago Teacher Residency: Preparing High Quality Teachers for High-Need Urban Schools; 10/1/2023-9/30/2024; \$620,610

Rieckhoff, Barbara; United States Department of Education; Chicago Teacher Residency: Preparing High Quality Teachers for High-Need Urban Schools; 10/1/2022-9/30/2023; \$114,424

Robinson, LaVome; National Institutes of Health; Preventing Suicide in African American Adolescents; 7/1/2024-6/30/2025; \$1,300,074

Rosing, Howard; Cook County Department of Environment and Sustainability; Urban Farming Gap Analysis; 8/1/2023-5/31/2026; \$148,943

Rosing, Howard; Department of State; Green Urban Development in Pakistan; 8/1/2023-12/31/2024; \$8,000

Rosing, Howard; U.S. Department of Agriculture; CIVIC-FA Track B: Community Food MOBilization in Chicago (CF-MOB); 10/1/2023-9/30/2024; \$75,000

Saw, Anne; Brushwood Center at Ryerson Woods; Transforming Internal Experiences for Resilience and Restoration through Acceptance (TIERRA): Nature-based therapy and mindfulness for Radical Hope; 6/15/2024-8/15/2024; \$26,913

Schober, Dan; Chicago Chronic Condition Equity Network; Developing a Community Health Worker Intervention to Promote Public Benefit Use and Cardiometabolic Health Among African Americans; 7/1/2023-6/30/2024; \$3,000

Schwieterman, Joe; Lewis and Clark Community College; Contract Between DePaul University's Chaddick Institute for Metropolitan Development and The National Great Rivers Research and

Education Center (NGRREC) 2023; 7/1/2023-6/30/2024; \$20,729

Schwieterman, Joseph; Lewis and Clark Community College; Contract Between DePaul University's Chaddick Institute for Metropolitan Development and The National Great Rivers Research and Education Center (NGRREC) 2023; 7/1/2023-6/30/2024; \$98,171

Sharevski, Filipo; National Security Agency; 2022 NCAE-The University of Arkansas; 9/26/2022-9/16/2024; \$100,000

Shelby, Quinetta; National Science Foundation; Illinois LSAMP STEM Pathway and Research Alliance (ILSPRA); 9/1/2023-8/31/2024; \$10,000

Smith, Geoff; Chicago Metropolitan Agency for Planning; Task 6: Housing Data Snapshots for each Jurisdiction; 2/20/2024-10/31/2024; \$240,633

Smith, Geoff; Northwest Center; Technical assistance to support engagement and outreach; 9/1/2023-9/30/2024; \$25,000

Smith, Geoff; Chicago Bar Foundation; Monthly Foreclosure Data for Cook County Foreclosure Prevention Outreach; 1/1/2024-12/31/2024; \$15,000

Smith, Geoff; Elevated Chicago; Elevated Chicago Knowledge Sharing Working Group 2024; 1/1/2024-12/31/2024; \$20,000

Smith, Geoff; Greater Chatham Initiative; Property Sales Activity in Greater Chatham; 4/1/2024-6/30/2024; \$5,550

Smith, Geoff; Chicago Community Foundation; Elevated Chicago Technical Assistance 2024; 1/1/2024-12/31/2024; \$25,000

Smith, Geoff; Southwest Organizing Project; SWOP Data Dashboard and Technical Assistance; 9/1/2023-8/31/2024; \$12,500

Smith, Geoff; Polk Brothers Foundation; Data and technical assistance supporting equitable housing and community investment strategies; 1/1/2025-12/31/2025; \$100,000

Smith, Geoff; Palenque LSNA; Research Support to the State of IL Community Land Trust Task Force; 11/1/2023-11/30/2024; \$20,000

Smith, Geoff; The Chicago Community Trust; Technical Assistance Supporting CCT's Advancing Innovative Homeownership Financing Solutions program; 10/15/2023-7/1/2024; \$50,000

Smith, Geoff; Community Investment Corporation; Updated CIC Performance Analysis; 10/1/2023-12/31/2023; \$8,750

Smith, Geoff; MacArthur Foundation; Data Development and Technical Assistance to Support Place-Based Community Investment Strategies; 10/1/2024-9/30/2027; \$300,000

Stazen Michael, Lydia; Raskob Foundation for Catholic Activities; Ending Homelessness in Global Cities; 7/1/2024-6/30/2025; \$25,000

Storey, Margaret; Julian Grace Foundation; Support for Improving Frameworks for Immigration and Asylum: Service, Research and Advocacy; 7/1/2024-6/30/2025; \$49,639

Stuhlmacher, Michelle; National Aeronautics and Space Administration; Designing for Just Green Enough: A Data Integration Tool for Informing Community Green Space Planning; 10/1/2022-9/30/2024; \$138,563

Tchoua, Roselyne; National Institutes of Health; ASPIrin in Reducing Events in the Elderly - eXTension; 5/1/2023-4/30/2024; \$25,000

Tran, Susan; Chicago Chronic Condition Equity Network; Needs Assessment of Resources for Minoritized Youth Chronic Pain; 7/1/2023-6/30/2024; \$4,470

Turner, Allen; National Aeronautics and Space Administration; A Safety-Aware Ecosystem of Interconnected and Reputable sUAS; 9/1/2023-8/31/2024; \$50,345

Turner, Allen; National Aeronautics and Space Administration; A Safety-Aware Ecosystem of Interconnected and Reputable sUAS; 9/1/2023-8/31/2026; \$21,489

Turner, Allen; National Aeronautics and Space Administration; A Safety-Aware Ecosystem of Interconnected and Reputable sUAS; 9/1/2023-8/31/2024; \$87,236

Ustun, Ilyas; MOTOROLA; Motorola Solutions Scholars Program: A Deep Investment in

Diverse Data Science Talent; 1/1/2024-12/31/2024; \$45,000

Vadola, Paul; Organic Syntheses; Grant for Summer Research; 6/1/2024-8/31/2025; \$16,000

Wagner, LeAnne; 11.2 Ventures, LLC; Career Highways UX/UI; 8/29/2022-12/31/2023; \$28,453

Wagner, LeAnne; 11.2 Ventures, LLC; P3rceive Design 2.0; 8/29/2022-12/31/2023; \$5,000

Webber-Ritchey, Kashica; Illinois Board of Higher Education; Nurse Educator Fellowship Program; 6/14/2024-6/30/2024; \$20,000

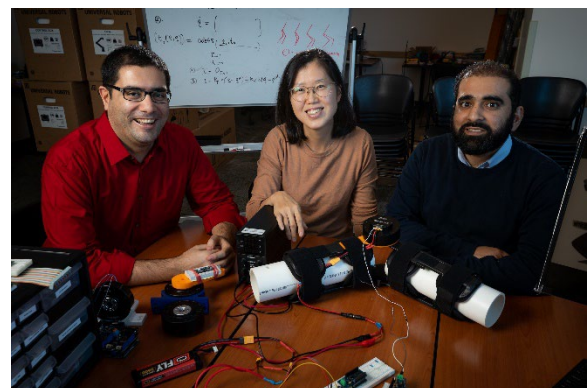
Webber-Ritchey, Kashica; National Institutes of Health; Black Girls Move: A Daughter/Mother Intervention to Prevent Obesity by Increasing Physical Activity and Improving Dietary Intake among Black Adolescent Daughters; 5/1/2023-4/30/2024; \$96,335

Whittington, Ray; The Institute of Internal Auditors; Third Annual Midwest Internal Audit Student Conference; 3/1/2023-2/28/2024; \$5,000

Williams Wood, Treasyri; Wingstop Charities; Empowering Futures: Language, Literacy and Learning Camp for Under-Resourced Children; 7/1/2024-8/31/2024; \$50,000

Zeigler, John; Boeing; MVI VetHer Women's Wellness Project Phase 5; 1/1/2024-12/31/2024; \$125,000

Zeigler, John; Robert R. McCormick Foundation; Multi-Faith Veteran Initiative; 3/13/2024-3/12/2025; \$150,000 **Adelakun, Olayele;** ULSE, Inc.; Project Periscope; 11/10/2023-11/9/2024; \$250,000



SECTION 3:

INTRAMURAL SUBMISSIONS AND AWARDS

Intramural research funding is designed to support the individual scholar with an innovative idea in a traditionally underfunded area of research, or the scholar who needs monetary assistance in bringing a preliminary scholarly, instructional, or creative activity to fruition. ORS administers intramural grants awarded by the University Research Council (URC), Quality of Instruction Council (QIC), and Public Service Council (PSC). Additional intramural funding is made available to DePaul academic units through the Academic Growth and Innovation Fund (AGIF), and the Undergraduate Research Assistant Program (URAP). Similar to Sections I and II, the number of proposals/awards and the level of funding associated with them are used as the metrics in Section III.

Council Awards

DePaul University's Office of Research Services confers intramural awards through the three Councils, which conferred 92 intramural awards totaling \$463,066 in FY 2024. Proposals submitted to the Councils are peer reviewed and recommended for award by the vote of Council Members. Council awards in FY 2024 broke down as follows:

University Research Council (URC): The URC supports the faculty's research, scholarship and creative activities through competitive grants and leaves. In addition to helping faculty maintain their intellectual vitality, the grants and leaves are intended as a stepping-stone for securing external funding. The URC received 86 proposals totaling \$451,657 in FY 2024 and conferred 66 awards totaling \$348,673.

Public Service Council (PSC): The PSC assists faculty in incorporating meaningful public service and service learning into DePaul University coursework. The Council currently supports grant programs for instruction and research as well as a series of annual faculty awards for service. The PSC received 6 proposals totaling \$24,623 in FY 2024; the Council conferred 3 awards totaling \$10,973.

Quality of Instruction Council (QIC): The QIC supports faculty efforts to enhance the curricular offerings of DePaul University. QIC received 31 proposals totaling \$140,196 in FY 2024 and conferred 23 awards totaling \$103,420.

Table 3.1, FY 2024 Requests/Awards by Council, details the total number of proposal submissions to the three Councils along with the total dollar value of funds requested. The number of awards conferred by each Council in FY 2024, and the aggregate dollars awarded are also detailed in Table 3.1. Similar to extramural funding, most Council intramural funding, an estimated 71.7% of funds awarded in FY 2024, were for research.

Table 3.2, Total Intramural Council Funds Awarded, FY 2016-2024, details the aggregate number and dollar value of Council awards for the FY 2016 to FY 2024 period. Both the quantity and amount of intramural grants funded has fluctuated during this timeframe. The number of Council awards in FY 2024 increased 23.1% from FY 2023, yet is more in line with the average over this nine year period of \$456,410. All submissions recommended for funding by the Councils in FY 2024 were supported.

Table 3.1: Requests/Awards by Council

PROPOSALS					AWARDS			
Council	Count	%	\$ Requested	%	Count	%	\$ Awarded	%
PSC	6	4.9%	\$24,623	4.0%	3	3.3%	\$10,973	2.4%
QIC	31	25.2%	\$140,195	22.7%	23	25%	\$103,420	22.3%
URC	86	69.9%	\$451,657	73.3%	66	71.7%	\$348,673	75.3%
TOTAL	123	100%	\$616,475	100%	92	100%	\$463,066	100%

Table 3.2 Total Intramural Council Funds Awarded, FY 2016-2024

	2016	2017	2018	2019	2020	2021	2022	2023	2024
Value	\$475,900	\$424,000	\$660,462	\$525,540	\$439,360	\$404,646	\$358,612	\$356,100	\$463,066
Count	125	110	133	149	95	82	78	72	92

Faculty from nine of DePaul's colleges applied for intramural Council funding in FY 2024, and all nine of the colleges' faculty were recipients of intramural awards. College of Science and Health (CSH) faculty submitted 24.4% of all proposals and received 26.1% of FY 2024 awards (Table 3.3). The College of Liberal Arts and Social Sciences (LAS) and the Jarvis College of

Computing and Digital Media (CDM) followed with an estimated 24.1% and 25.2% of proposals and 26.1% and 21.7% of FY2024 awards, respectively. Other units were each responsible for less than 10% of proposals submitted to the Councils; as expected given submission levels, each received less than 10% of Council conferred awards.

Table 3.3: Council Grant Funds Requested/Awarded by Unit

Unit	Proposal #	%	\$ Requested	%	Award #	%	\$ Awarded	%
BUS	6	4.90%	\$27,584	4.50%	3	3.30%	\$12,284	2.70%
CDM	31	25.20%	\$169,229	27.50%	20	21.70%	\$122,088	26.40%
CMN	9	7.30%	\$38,137	6.20%	8	8.70%	\$31,186	6.70%
CSH	30	24.40%	\$161,730	26.20%	24	26.10%	\$128,480	27.70%
EDU	5	4.10%	\$19,500	3.20%	3	3.30%	\$12,000	2.60%
LAS	30	24.40%	\$141,910	23.00%	24	26.10%	\$114,643	24.80%
LAW	3	2.40%	\$14,500	2.40%	2	2.20%	\$7,500	1.60%
MUS	5	4.10%	\$22,500	3.60%	5	5.40%	\$22,500	4.90%
SCPS	0	0.00%	\$0	0.00%	0	0.00%	\$0	0.00%
TTS	4	3.30%	\$21,385	3.50%	3	3.30%	\$12,385	2.70%
TOTAL	123	100%	\$616,475	100%	92	100%	\$463,066	100%



Academic Growth and Innovation

Fund (AGIF)

The Academic Growth and Innovation Fund supports innovative academic ideas that will positively impact DePaul University's revenue within the next three years. The term "idea", in reference to this Fund, was broadly conceived at time of program inception, to allow applicants maximum latitude in program

conception and stage of project implementation. In FY 2024, the Fund directly supported six new projects with awards totaling \$748,982. Table 3.4 details AGIF funding by Unit in FY 2024. Note that some AGIF initiatives receive multi-year support and/ or institutional support from sources beyond this Fund that are not recorded in this table.

Table 3.4. AGIF Grant Funds Awarded by Unit

Unit	Award #	%	\$ Awarded	%
College of Business	0	0%	\$0	0%
College of Communication	2	33.3%	\$124,286	16.6%
College of Computing & Digital Media	2	33.3%	\$399,969	53.4%
College of Education	0	0%	\$0	0%
College of Law	0	0%	\$0	0%
College of Liberal Arts & Social Sciences	1	16.7%	\$124,734	16.7%
College of Science & Health	0	0%	\$0	0%
School of Continuing and Professional Studies	0	0%	\$0	0%
School of Music	0	0%	\$0	0%
The Theatre School	0	0%	\$0	0%
Administrative Units	1	16.6%	\$99,993	13.4%
TOTAL	6	100%	\$748,982	100%

Undergraduate Research Assistant Program (URAP)

The University's Undergraduate Research Assistant Program (URAP) offers students a unique opportunity to work with a faculty member, or group of faculty, on the planning and implementation of a research project. URAP provides block grants to DePaul academic units. In FY2024, a total of 122 units of student support were awarded. Nine of the University's ten colleges participated in the URAP program in FY 2024. The URAP program enhances participating students' overall academic experience at DePaul, by providing them with opportunities to collaborate with faculty members who conduct

research, or other scholarly/creative activities, in disciplinary areas of their choosing.

Similarly, it provides our faculty with the benefits of compensated research assistance in support of their scholarly endeavors. URAP program experience can prove to be an important asset to students embarking on careers that demand research experience and/or project management skills or supply an important breadth of knowledge to those who chose to pursue graduate or professional studies. The distribution of FY 2024 URAP units and associated funding, by academic unit, is detailed below in Table 3.5.

Table 3.5: URAP Funds Awarded by Unit

	# Units	%	\$ Awarded	%
College of Business	20	16.4%	\$23,700	16.4%
College of Communication	6	4.9%	\$7,110	4.9%
College of Computing & Digital Media	27	22.1%	\$31,995	22.1%
College of Education	7	5.7%	\$8,295	5.7%
College of Law	0	0.0%	\$0	0%
College of Liberal Arts & Social Sciences	26	21.3%	\$30,810	21.3%
College of Science & Health	28	23.0%	\$33,180	23.0%
School of Continuing and Professional Studies	3	2.5%	\$3,555	2.5%
School of Music	2	1.6%	\$2,370	1.6%
The Theatre School	3	2.5%	\$3,555	2.5%
TOTAL	122	100%	\$144,570	100%
One unit equals 75 hours of student work per quarter				

Individual Award Listings

Intramural Awards

ACADEMIC GROWTH AND INNOVATION FUND AWARDS

Cooper Mongean, Katherine; Center for Communication Engagement Expansion; \$100,000

Goltz, Dustin; Applied Theatrical Communication Center; \$24,286

Klass, Jessica; DePaul Instructional Game & Innovation (DIGI) Lab Working Model & Faculty Proposal Initiative; \$99,993

Miles, Harvey; Scaling Up DePaul's Blue Book Initiative: Enhancing Recruitment and Institutional Effectiveness; \$124,734

Picher, Corin; DePaul High-Performance Compute Cloud; \$300,000

Spears, Janine; Cybersecurity Clinic, \$99,969

PUBLIC SERVICE COUNCIL AWARDS

Bathje, Molly; Aging in Place for Adults with Intellectual and Developmental Disabilities in Group Home Settings; \$4,973

Elliott, Timothy; Funding, Piloting, and Documenting Two New Roles for a DPU/TCEP College Admissions Essay Writing Workshop; \$1,000

Michel, Rebecca; DePaul Works: Increasing Career Support for Spanish-Speaking Job Seekers; \$5,000

QUALITY OF INSTRUCTION COUNCIL AWARDS

Barrera-Tobon, Carolina; Implementing Service Learning, Curricular Alignment, and Project-Based Learning in the Spanish as a Heritage Language Classes at DePaul; \$7,500*

Barrera-Tobon, Carolina; Sociolinguistics in Mérida, México; \$1,550

Booth, Paul; Meta Quest 3 – VARC Lab Update; \$4,000

Butler, Anne; Revising the Undergraduate Special Education Program; \$3,500*

Chu, Shu-Chuan; Designing A Flexible, State-of-the-Art Senior Capstone Class for PRAD Majors in the College of Communication; \$7,500*

Chu, Shu-Chuan; Fashion Advertising and Social Media; \$3,500*

Conary, Jennifer; Honors Financial Literacy Bootcamp and ECO 198; \$3,388

Easley, Heather; FY@broad Barcelona: The City is a Mystery; \$2,500

Hoecker, Robin; A New Look: Redesigning the Photojournalism Curriculum; \$3,500*

Klugman, Craig; Creation of Master's Degree in Gerontology in the Department of Health Sciences; \$3,500*

Luri Rodriguez, Ignacio; Spain and Portugal: The Digital Nomad as a Lifestyle and Market Trend Study Abroad Course; \$2,220

Miyamoto, Yuki; Ethics and Cultural Representations of the Atomic Age; \$4,000

Mukherjee, Sanjukta; Transnational Feminist Pedagogies: A Women's and Gender Studies Departmental Initiative; \$7,500*

Netzer, Osnat; Mivos Quartet Composition Residency; \$5,000

Ng, Jeff; Sustainable Development, ESG Reporting, and Eco-tourism; \$3,015

Rajah, Talitha; Request for a Biosafety Cabinet for Use in Bio313 Cell Culture Methods Course; \$7,500

Ramos, Monica; LSP200: Youth Immigration and Public Education; \$2,500

Reyes, Monica; WRD Course Design: Migration & Storytelling; \$3,500*

Souchuk, Anna; Overhaul of Basic and Intermediate German Curricula; \$7,000*

Stuhlmacher, Michelle; Integrating Drone Technology into Departmental Curriculum; \$7,500*

Ward, Elisabeth; Preparatory Travel for a Study Abroad Program in Rwanda: Exploring International Criminal Law and the Rwandan Genocide; \$2,500

Yin, Chi Jang; Virtual Reality Film Equipment; \$7,247

Zecker, Liliana; Meaningful Teacher Field Experiences for Preservice Educators; \$3,500*

UNIVERSITY RESEARCH COUNCIL AWARDS

Aalqadar, Ambarien; Nisa Beauty Salon: Short Film; \$7,500

Ansari, Sina; Real-time Anomaly Detection in Community Pharmacies Prescription Processing Using Deep Learning; \$7,049*

Aguirre, Windsor; The Effectiveness of Short and Traditional DNA Fragment Sizes for Fish Species Identification Using Nanopore eDNA Metabarcoding; \$5,000

Aguirre, Windsor; Request for Purchase of a PCR Prep Station for DNA Metabarcoding and eDNA Research; \$3,300

Alonzo, Oliver; Accessibility Needs for User-Generated Digital Content for People with Sensory Disabilities; \$5,000

Bell, Margaret; Effects of Early Life PFAS Exposure on Neuronal Gene Expression After Inflammatory Challenge in Adolescence; \$5,000

Bhattacharjee, Tuhin; Unearthly Dialogues: Comparative Antiquities in Translation; \$4,000

Booth, Paul; A Celebration of Star Wars; \$4,000

Borich, Barrie; Archival City; \$3,676

Brooke, Joanna; Experimental Evolution of a *S. Maltophilia* Phage; \$5,000

Brucher, Katherine; Chicago Music Scenes: Histories, People, and Institutions Research Symposium; \$4,000

Bystriansky, Jason; Effects of Microplastics on Respiration and Metabolism of Zebrafish (*Danio rerio*); \$7,500*

Chikamatsu Chandler, Nobuko; The 30th Central Association of Teachers of Japanese: Collaboration Across Disciplines, Communities, Borders and Languages; \$3,500

Cole, Timothy; Motives Underlying Romantic Deception, Personality Traits, and Relational Outcomes; \$2,190

Conith, Andrew; Quantifying Morphology and Performance to Understand Adaptive Cranial Evolution in Vertebrates; \$7,462*

Connolly, Sarah; Preparation of NIH R01 Renewal Submission; \$5,500

Connolly, Sarah; Impact of Apolipoprotein E on Herpes Simplex Virus Entry; \$5,000

Connelly, Shayna; The Tensile Strength of Air; \$5,000

Cudaback, Eiron; Caspase 1 and Non-canonical Inflammasome Signaling in Alzheimer's Disease; \$5,000

Cudaback, Eiron; Accurate and Sensitive Quantitation of Low-abundance RNA; \$3,500

Davis, Blair; The Comic Book Movie Decades; \$4,996

DeLancey, Mark; Arts Council of the African Studies Association 19th Triennial Symposium; \$4,000

DeLancey, Mark; The So-Called Tomb of Askia Muhammad: Pilgrimage, Politics, and Colonial Myth; \$3,500

Esparza, Eric; Choral Anthology of Mexico; \$3,500

Ferrera, Maria; A Journey to Safety and Belonging: Narratives of Asylees; \$17,000*

Fluty, Kristina; Spiral Body Techniques Development and Local/National Expansion; \$3,500

Furst, Jacob; Advancing Lung Cancer Diagnosis with Explainable Machine Learning Models; \$7,478*

Gerstenblith, Patty; Art, Cultural Heritage and the Law (5th edition); \$5,000

Gross, Jonathan; The European Byron; \$3,500

Hozian, Anna; Stronghold, Short Film; \$5,000

Huang, Zhen; Efficient Discovery of UAF Vulnerabilities; \$7,500*

Huang, Zhen; A Semantic-aware Approach to Detecting and Mitigating Software Vulnerabilities; \$5,500

Jerome, Jessica; Aging and Chronic Disease: Shifts in Intergenerational Care in Northeastern Brazil; \$3,750

Jones, Christopher; Portrait Album: Music by Christopher Wendell Jones; \$5,000

Kanj, Iyad; Efficient Locomotion of Soft Quadrupedal Robots with Feedback Control; \$7,484*

Kipp, Jingjing; Effect of Neonatal Exposure of a Retinoic Acid Agonist on Ovarian Follicle Development in Mice; \$5,000

Kipp, Jingjing; Modulation of Activin Signaling Pathway by Retinoic Acid in Mouse Granulosa Cells; \$5,000

LaMontagne, Jalene; Animal Behavior in Urbanized and Natural Areas; \$5,000

LaMontagne, Jalene; Developing New Methods to Quantify Tree Reproduction Using Drone Technology; \$5,000

Larva, Jessica; Chroma Ink Paintings; \$3,500

Lewanski, Michael; Recording of New Ensemble Works by 4 Major International Composers; \$5,000

Makagon, Daniel; PSN 2024: Punk Aesthetics, Community, Culture, and Politics; \$1,500

McMahon, Susan; Assessing School Violence: U.S. Administrator Experiences and Global Outreach; 7,500*

Mills, Jeffrey; The House of Circe: An immersive Theatrical Experience Integrating Performing and Healing Arts; \$5,000

Mirsajadi, Ali-Reza; Iranian Theatre and Polysemic Performance; \$3,885

Mobasher, Bamshad; Down the Rabbit Hole: Analyzing the Influence of AI-Based Personalized Recommendation Algorithms on the Trajectory of User Preferences; \$7,500*

Morano, Michele; Death Wishes: A Lyric Meditation; \$5,180*

Orhean, Alexandru; Neurobazaar: Interactive Data Visualization and Exploration; \$7,462*

Ostrowski, Zachary; Screw Time; \$4,000

Papanek-Miller, Mary Ann; Visual Image Layering: Research, Development, Capture/Creation, Experimentation, and the Printing and Application of Large Scale Translucent Photographic Images to New Works Informed by the Land, Waters and Animals; \$3,496

Pedram, Mahdi; Embedded Mobile System to Detect Vaping and Smoking; \$4,980

Quinn, Heather; Digital Activism: Augmented Reality Prototype for the Antiquities Coalition; \$5,500

Rajah, Talitha; Characterization of K14TRT (Mouse Mammary) Cell Line Deficient in Claudin-7 as a Model for EMT Transitions; \$5,000

Ramsay, David; The Impact of Instagram on Body Image; \$7,477*

Rana, Anuradha; Language of Opportunity; \$7,500*

Rana, Anuradha; Watch Me!; \$5,000

Royster, Francesca; Listening for My Mother: Travels in Music: Orange, VA and New Orleans, LA; \$3,557

Sharevski, Filipo; Accessible Security for Low Vision or Blind Internet Users; \$5,000

Sharevski, Filipo; Security Enhanced QR Codes Scanner - SEQR: A User Study; \$5,000

Siasi, Nazli; Reliable Service Continuity in Fog Computing; \$5,000

Snow-Hill, Nyssa; 48th Annual Midwestern Ecological Community Psychology (ECO) Conference; \$4,000

Snow-Hill, Nyssa; Developing a Conceptual Model to Guide Design and Implementation of an Integrated Substance Use and Traumatic Stress

Intervention for Youth Experiencing Homelessness; \$7,500*

Spalding, Rose; Environmental Rollback in Central America; \$7,796*

Tchoua, Roselyne; Discovering Syndemics; \$3,960

Tran, Susan; Discrimination and Dismissal in Emerging Adults with Chronic Pain; \$7,500*

Virtue, Sandra; Learning Across Chemistry and Physics: What Can the Left and Right Cerebral Hemispheres of the Brain Tell Us?; \$4,995

*This dollar amount includes one or more stipend payments to faculty involved in the grant project in addition to the awarded grant budget.



SECTION 4:

RESEARCH PROTECTIONS

The Research Protections section summarizes the activities of the Research Protections area of ORS. The activities of the Research Protections unit are best measured by understanding the number of protocols that are submitted to the committees overseen by this unit, therefore, the metric of submissions is used to report on Research Protections activities throughout Section IV.

Summary

The Research Protections unit of the Office of Research Services at DePaul University consolidates several ancillary services that directly impact the conduct of research at the University. ORS' Protections unit services include the administration of three federally mandated review committees: the Institutional Review Board, the Institutional Biosafety Committee, and the Institutional Animal Care and Use Committee. In collaboration with these

committees, ORS monitors compliance with protections-related federal, state, and local regulatory requirements. In FY 2024, the Committees reviewed, in aggregate, 810 submissions; this figure includes 236 revisions to initial IRB submissions and amendments that were not recorded in prior fiscal years in this report. At FY 2024 close, the three Committees were actively managing a total of 982 protocols, as compared to the 804 managed at FY 2023 close.



Institutional Review Board (IRB)

DePaul's Institutional Review Board (IRB) is a university-wide committee charged with overseeing research activities involving human subjects conducted by the DePaul community. The IRB is comprised of faculty and staff from various academic and administrative units, as well as local community representatives.

IRB submissions by Type are summarized in Table 4.1. New Projects increased 15% in FY 2024 over FY 2023 levels, while protocol amendments reviewed by the IRB increased 8% and IRB continuing reviews decreased by 35.3%. The decrease in continuing reviews was anticipated, given federal human subject regulations no longer require annual review of most expedited protocols. There has been a 18.2% decrease in reliance agreements with other institutions with a federal-wide

assurance. As noted above, the number of revisions requested after initial review was captured for the first time in FY 2023; this value comprises an estimated third of all IRB submissions.

This fiscal year, the Research Protections unit offered the University community workshops on requirements for submission to the IRB using the eProtocol system. The Protections unit also worked to close older protocols and transition older protocols that could not be closed to new federal regulations. The Protections unit has implemented a partnership for research volunteer recruitment through ResearchMatch of Vanderbilt University. This partnership will give researchers a new pool of potential participants of which to recruit for their health-based research studies.

Table 4.1: IRB Submissions by Type

Type	Exempt	Expedited	Full	Total
New Projects	128	78	3	209
Amendments	47	128	0	175
Revisions Requested after Initial Review	110	121	5	236
Continuing Review		7	2	9
Final Report				40
Adverse Event/Incident				7
Non-Compliance				1
IAA/IIA				9
Non-Reviewable Determinations				17

Institutional Animal Care and Use Committee (ICACUC)

IACUC oversees the use of animals in research and teaching activities. The IACUC is a federally mandated oversight committee that reviews all proposals for the use of live vertebrate animals consistent with the National Institutes of Health Office of Laboratory Animal Welfare. IACUC Submissions are detailed in Table 4.2. IACUC Designated Member Reviews of protocols decreased 26.3% in FY 2024, from 19 in FY 2023 to 14 this fiscal year.

Full Committee Review of IACUC protocols increased 46.2%, increasing from 6 in FY 2023 to

13 in FY 2024. This was primarily an artifact of the artificially high number of Full Committee Reviews conducted in FY 2021. Implementation of the IACUC eProtocol system in FY 2021 necessitated a one-time full committee review of all active IACUC protocols following system launch. Since all protocols require Full Committee Review resubmissions tri-annually, all of the protocols reviewed in 2021 were up for resubmission review in 2024.

This past fall, the IACUC's Research Support Facility also submitted Health Surveillance Materials to the Charles River Laboratory as part of its commitment to DePaul's Occupational Health & Safety Plan.

Table 4.2: IACUC Submissions

Type	Initial	Amendment	Renewal	Total
Designated Member Review (DMR)	0	1	5	6
Full Committee Review (FCR)	13	0	0	13
DMR Post-FCR	8	0	0	8
Administrative Review (AR)				14
Veterinary Verification & Consultation Process (VVC)				0
Memorandum of Understanding				0

Institutional Biosafety Committee (IBC)

The IBC oversees the use of biohazardous materials in research and teaching. The IBC is a federally mandated oversight committee that ensures the safe acquisition, use, and disposal of

all biohazardous agents at the university. IBC Submissions by Type are categorized in Table 4.3. Full Committee reviews decreased from 11 in FY 2023 to 6 this fiscal year; Designated Member Reviews by the IBC increased from 30 reviews in FY 2023 to 31 reviews this FY.

Table 4.3: IBC Submissions

Type	Initial	Amendment	Renewal	Total
Full Committee Review (FCR)	6	0	0	6
Designated Member Review (DMR)	0	2	27	29
DMR Post-FCR	2	0	0	2
Exempt – Chair Confirmation				2
Administrative Review (AR)				27

Submissions by Unit

As might be expected, the focus of the activity of the three oversight committees is the College of Science and Health (CSH). In FY 2024, approximately 57% of research protections submissions, and all IBC and IACUC submissions, originated with faculty, staff, and students in CSH (Table 4.4). Modest groupings of IRB activity were also concentrated in the

Colleges of Business, Communication, Computing and Digital Media, Education and Liberal Arts and Social Sciences. The College of Law and various Administrative Units contributed negligibly to research protections submission levels this FY. The School for Continuing and Professional Studies and The Theatre School did not record any research protections activities in FY 2024.

Table 4.4: Submissions by Unit

Unit	IRB	IBC	IACUC	Total
College of Business	67			67
College of Communication	18			18
College of Computing & Digital Media	85			85
College of Education	85			85
College of Law	3			3
College of Liberal Arts & Social Sciences	78			78
College of Science & Health	356	66	41	463
School for Continuing & Professional Studies	0			0
School of Music	2			2
The Theatre School	0			0
Administrative Units	9			9
TOTAL	703	66	41	810



SECTION 5:

STAFF & COMMITTEES

In this section, ORS acknowledges the contributions of staff and committee members who formally contributed to sponsored and creative activities of the institution this fiscal year. In addition to these named faculty and staff, we also benefit from the counsel of deans, chairs, and administrative units at the University too numerous to name here; each has enhanced our activities and ensured a high level of service to both applicants and recipients of sponsored project funding.

Office of Research Services Staff & Fellows			
Associate Provost for Research Daniela Stan Raicu			
Research and Innovation Lauren Miller <i>Chief of Staff & Director of Research and Innovation Strategies</i>	Pre-Award Services Lauren Miller <i>Interim Director of Pre-Award Services</i>	Award Management Jyrell Keys <i>Director of Award Management</i>	Research Protections Jessica Bloom <i>Director of Research Compliance</i>
Grant Writing Sarah Weisz <i>Grant Writer</i>	Stacey Wagner <i>Senior Grant & Contracts Specialist</i>	Amy Dauernheim <i>Senior Grant & Contract Specialist</i>	Eduardo Mendoza <i>Assistant Director of Research Compliance</i>
Innovation Fellow Rob Steel <i>Professor, School of Cinematic Arts</i>	Ian Price <i>Grant & Contracts Specialist</i>	Claire Trinkle <i>Grant & Contract Specialist</i>	Melodie Fox <i>Research Protections Coordinator</i>
Administration			
Maria del Carmen Ramirez <i>Administrative Assistant</i>			

Council Membership			
Public Service Council (PSC)	University Research Council (URC)	Quality of Instruction Council (QIC)	Academic Growth and Innovation Fund (AGIF) – Provost Council
Nezih Altay	Joanna Brooke	Ann Marie Brink	
Hugh Bartling	Blair Davis	Leah Bryant	
Leah Bryant	Ning Du	Dexter Bullard	GianMario Besana
Fereshteh Ghahramini	Caroline Kisiel	Kevin Downing	Caryn Chaden
Marty Martin	Stephani Mason	Li Jin	Salma Ghanem
Rebecca Michel	Joseph Mello	Jason Kalin	Valerie Johnson
Allen Moye	Kalyani Devaki Menon	Christie Klimas	Robert Karpinski
Jessica Pamment	Tom Miller	Jody Marcucci	Alyssa Kupka
John Schlichtman	Roxanne Owens	Sanjukta Mukherjee	Daniela Stan Raicu
Jason Schneider	Heather Quinn	Jeff Ng	Lucy Rinehart
Ann Setzer	Thiru Ramaraj	Alexandra Novakovic	Liz Sanders
<i>Ex officio:</i>	Joshua Sarnoff	Lisa Sedor	
Lauren Miller	Shannon Simonovich	Jess Westbrook	
Howard Rosing	Rob Zenchelsky (Adler)	<i>Ex officio:</i>	
Daniela Stan Raicu	<i>Ex officio:</i>	Lauren Miller	
	Lauren Miller	Daniela Stan Raicu	
	Daniela Stan Raicu		

Protections Committee Membership		
Institutional Review Board (IRB)	Institutional Biosafety Committee (IBC)	Institutional Animal Care and Use Committee (IACUC)
Mojdeh Bayat	Kathleen Abma	Margaret Bell
Jessica Bloom	Jeremie Fant	Jason Bystriansky, Chair
Leah Bryant	David George, Vice Chair	Jaimie Engle
Joanna Buscemi	Jingjing Kipp	Jalene LaMontagne
Darrell Cannon	Janine Kirin	Caleb McMahan
Jessica Choplin	Justin Maresh, Chair	Marisa Shender
Rebecca Feinberg	Megan Schrementi	Nicolette Zielinski-Mozny
Melodie Fox	Nicolette Zielinski-Mozny	<i>Ex-Officio:</i>
Jessica Jerome	<i>Alternates:</i>	Jessica Bloom
Filipo Sharevski	Brian Henson	Janine Kirin
Shannon Simonovich, Vice Chair	<i>Ex-Officio:</i>	Daniela Stan Raicu
Lisa Tarr	Jessica Bloom	
Neil Vincent, Chair	Eduardo Mendoza	
Phillip Yates	Daniela Stan Raicu	
<i>Ex-Officio:</i>		
Daniela Stan Raicu		

Committee on Research Policy (CORP)

Peg Birmingham
Deanna Burgess
Regina Garcia
Jalene LaMontagne
Helen LaVan
Tanu Malik, Co-Chair
Jason Martin, Co-Chair

Conflict of Interest (COI) Committee

David Brenders
Bright Hong
Donna Kiel
Goran Kuljanin
Bridget Tenner

Research, Creative Activities, and Innovation Website Committee

Peter Coffey
Amy Dauernheim
Tanu Malik
Jason Martin
Lauren Miller
Thomas Miller
Daniela Stan Raicu
Maija Renko
Amanda Thompson
Sarah Weisz

