



Board of Trustees

Research and Innovation,
Legal and Legislative Affairs
Committee

May 12, 2022

BOARD OF TRUSTEES OF NORTHERN ILLINOIS UNIVERSITY
Research and Innovation, Legal and Legislative Affairs Committee
9:30 a.m. – Thursday – May 12, 2022
Board of Trustees Room
315 Altgeld Hall

AGENDA

1. Call to Order and Roll Call
2. Verification of Quorum and Appropriate Notification of Public Meeting
3. Meeting Agenda Approval.....*Action*..... i
4. [Review and Approval of Minutes of February 10, 2022](#)*Action*..... 1
5. Chair's Comments/Announcements
6. Public Comment*
7. University Reports
 - a. [State Legislative Report](#)..... *Information*.....4
 - b. [Federal Legislative Report](#)..... *Information*.....6
 - c. [Sponsored Program Administration Quarterly Report](#) *Information*.....8
 - d. [Shimadzu Partnership](#) *Information*.....20
8. Other Matters
9. Next Meeting Date
10. Adjournment

*Individuals wishing to make an appearance before the Board should consult the [Bylaws of the Board of Trustees of Northern Illinois University](#), Article II, Section 4 – *Appearances before the Board*. Appearance request forms can be completed [online](#) in advance of the meeting or will be available in the Board Room the day of the meeting. For more information contact Crystal Doyle, ccoppel@niu.edu, Recording Secretary to the Board of Trustees, Altgeld Hall 300, DeKalb, IL 60115, 815-753-1273.

Anyone needing special accommodations to participate in the NIU Board of Trustees meetings should contact Crystal Doyle, ccoppel@niu.edu or (815) 753-1273, as soon as possible.

Minutes of the
Board of Trustees of Northern Illinois University
Research and Innovation, Legal and Legislative Affairs
Committee Meeting
February 10, 2022

CALL TO ORDER AND ROLL CALL

The meeting was called to order at 10:49 a.m. by Committee Vice Chair Rita Athas. The Committee meeting was conducted through video conferencing communications and was conducted pursuant to Section 6 of Executive Order 2020-7 (Suspending OMA requirements of in person attendance by members of a public body). Recording Secretary Jessica Cima conducted a roll call of the Trustees.

Committee Vice Chair Rita Athas: Present Trustee Dennis Barsema: Present
Trustee John Butler: Present Trustee Montel Gayles: Present
Trustee Bob Pritchard: Present Trustee Jacob Sommer: Absent
Board Chair Eric Wasowicz: Present Committee Chair Veronica Herrero: Absent

Also present were President Lisa Freeman; Committee Liaison and Vice President for Research and Innovation Partnerships Gerald Blazey; Vice President and General Counsel and Board Parliamentarian Bryan Perry; Chief of Staff and Liaison to the Board of Trustees Matt Streb; Director of State Relations Katie Davison; and Assistant Vice President for Federal Relations Anna Quider.

VERIFICATION OF QUORUM AND APPROPRIATE NOTICE OF PUBLIC MEETING

General Counsel Bryan Perry indicated the appropriate notification of the meeting had been provided pursuant to the Illinois Open Meetings Act. Mr. Perry also advised that a quorum was present.

MEETING AGENDA APPROVAL

Committee Vice Chair Athas asked for a motion to approve the meeting agenda. Trustee Gayles so moved, and Board Chair Wasowicz seconded. The motion was approved.

Committee Vice Chair Athas asked Ms. Cima to conduct a roll call vote.

Committee Vice Chair Trustee Rita Athas: Yes Trustee Dennis Barsema: Yes
Trustee John Butler: Yes Trustee Montel Gayles: Yes
Trustee Bob Pritchard: Yes Trustee Jacob Sommer: Absent
Board Chair Eric Wasowicz: Yes Committee Chair Veronica Herrero: Absent

REVIEW AND APPROVAL OF MINUTES

Committee Vice Chair Athas asked for a motion to approve the minutes of August 26, 2021 and November 18, 2021. Board Chair Wasowicz so moved, and Trustee Butler seconded. The motion was approved.

Committee Vice Chair Athas asked Ms. Cima to conduct a roll call vote.

Committee Vice Chair Rita Athas: Yes Trustee Dennis Barsema: Yes
Trustee John Butler: Yes Trustee Montel Gayles: Yes

Trustee Bob Pritchard: Yes

Trustee Jacob Sommer: Absent

Board Chair Eric Wasowicz: Yes

Committee Chair Veronica Herrero: Absent

CHAIR'S COMMENTS/ANNOUNCEMENTS

Committee Vice Chair Athas reported that the Committee would be receiving verbal reports from State and Federal Relations regarding the status of legislation and funding as well as a written Sponsored Program Administration Quarterly Report. Committee Vice Chair Athas welcomed the members of the University Advisory Committee and requested comments. No comments were submitted.

PUBLIC COMMENT

Committee Vice Chair Athas introduced the public comment portion of the meeting. General Counsel Bryan Perry confirmed that no public comments were received.

UNIVERSITY REPORTS

Committee Vice Chair Athas asked Vice President for Research and Innovation Partnerships Dr. Gerald Blazey, to provide an update from the Division of Research and Innovation Partnerships. Dr. Blazey provided an update on the status of the Northern Illinois Center for Community Sustainability (NICCS), noting that faculty remain highly engaged with nearly a dozen research projects underway. He also noted that the Dr. Courtney Gallaher had been appointed Sustainability Coordinator and is currently working on NIU's greenhouse gas inventory. Dr. Blazey reported that NIU was selected as one of 38 finalists to compete for the Howard Hughes Medical Institute's Driving Change Initiative, which is a \$2.5M grant opportunity focused on the cultural change necessary to promote diversity in the STEM fields, especially with respect to graduate degrees. Dr. Blazey reported that the Carnegie Classification of Institutes of Higher Education released a reclassification and that NIU retained its classification of Doctoral Research: High Research Activity.

Agenda Item 7.a. State Legislative Report

Director of State Relations Katie Davison reported that she continues to advocate on behalf of NIU for the release of state funds for NICCS. Ms. Davison reported that the Governor has planned a visit to NIU in March, where he will amplify his proposed budget. Ms. Davison noted that she is currently tracking 250 bills that relate to higher education, with specific themes around student debt assistance and college affordability. Ms. Davison reported that under the Governor's proposed FY23 budget, NIU would receive a 5% increase in funding. Of note, the Governor's proposed budget includes a \$122M increase in funding for the Monetary Award Program (MAP), and that the AIM High program would receive stable funding of \$35M, allowing for the continued funding of the Huskie Pledge program. The Governor's proposed FY23 Capital Budget reappropriates all funding that's been enacted and unexpended for FY22.

Agenda Item 7.b. – Federal Legislative Report

Assistant Vice President for Federal Relations Dr. Anna Quider reported that the House of Representatives recently passed the America COMPETES Act of 2022, which is the counterpart to the Senate's U.S. Innovation and Competition Act, which passed the Senate last year. Dr. Quider noted that these bills would set policy for key research agencies such as the National Science Foundation, Department of Energy Office of Science, NASA, and the National Institute of Standards and Technology, as well as increase domestic manufacturing capabilities. Dr. Quider reported that NIU has been engaged in the development of the legislation for over two years and is engaged in the conference process to promote policies that would strengthen science, technology, engineering, and mathematics education and research at NIU. Dr. Quider reported that

the federal government is currently operating under a continuing resolution until February 18th, and that Congress is likely to extend the continuing resolution until mid-March. She reported that House and Senate negotiators announced that they had reached an agreement on top-line spending levels for FY22, and that the negotiators are optimistic that they will complete FY22 appropriations in mid-March. Dr. Quider reported that the completion of the FY22 appropriations process is necessary for NIU's two congressionally directed spending projects to receive their funding totaling \$1.16M. Dr. Quider also reported that in November, President Freeman submitted public comments to the Department of Homeland Security in support of the Deferred Action for Childhood Arrivals (DACA) policy.

Agenda Item 7.c. – Sponsored Programs Administration Quarterly Report

The Committee reviewed the sponsored program administration quarterly written report submitted by Assistant Vice President Dara Little. No questions were raised.

OTHER MATTERS

Committee Vice Chair Athas asked if there were other matters to come before the Committee. The Committee confirmed that there were no other matters to be discussed.

NEXT MEETING DATE

Committee Vice Chair Athas noted that the next meeting will be held on May 12, 2022.

ADJOURNMENT

Committee Vice Chair Athas asked for a motion to adjourn. Trustee Gayles so moved, and Board Chair Wasowicz seconded. The motion was approved.

Committee Vice Chair Athas asked Ms. Cima to conduct a roll call vote.

Committee Vice Chair Rita Athas: Yes

Trustee Dennis Barsema: Yes

Trustee John Butler: Yes

Trustee Montel Gayles: Yes

Trustee Bob Pritchard: Yes

Trustee Jacob Sommer: Absent

Board Chair Eric Wasowicz: Yes

Committee Chair Veronica Herrero: Absent

The motion was approved.

The meeting was adjourned at 11:37 a.m.

Jessica Cima/Crystal Doyle

Recording Secretary

In compliance with Illinois Open Meetings Act 5 ILCS 120/1, et seq, a verbatim record of all Northern Illinois University Board of Trustees meetings is maintained by the Board Recording Secretary and is available for review upon request. The minutes contained herein represent a true and accurate summary of the Board proceedings.

STATE LEGISLATIVE REPORT

2022 Spring Legislative Session

The 2022 spring session adjourned during the early hours of Saturday April 9th after an all-night marathon that saw the passage of the FY23 budget, as well as a last-minute university procurement reform omnibus (details in session report). While brief, the session saw many significant accomplishments for NIU:

- Successful advocacy for a supplemental increase of \$4.3M to the FY22 budget.
- Successful advocacy for a 5% increase to the FY23 budget bringing the NIU operational budget to \$92.1M
- Preliminary reforms to the Illinois Procurement Code.

Legislative Session Advocacy Efforts

In partnership with the NIU Alumni Association and the Alumni Advocacy Committee, a strategic and effective NIU advocacy campaign was carried out despite limitations on in-person gatherings. NIU partnered with its sister institutions for the joint advocacy campaign, “Reinvest Illinois,” and coordinated messaging elected officials.

Advocacy Highlights

- Held a successful advocacy week March 7 – 11 with virtual and in-person meetings with over 30 legislators including meetings with leaders from both chambers and parties.
- The Illinois Public Universities Presidents and Chancellors group collaborated on a letter sent to every member of the General Assembly asking for support for higher education during budget negotiations.
- The Illinois Public Universities Presidents and Chancellors group worked closely with the Illinois Community Colleges to develop a joint legislative agenda and collectively advocate to all members of the general assembly for support for higher education during budget negotiations.
- President Freeman co-hosted a joint meeting with the University of Illinois System President Tim Killeen for both institutions’ caucuses in January, kicking off the “Reinvest Illinois” advocacy campaign.
 - The meeting provided an update on the universities’ collaborative research initiatives including progress of the Illinois Innovation Network, legislative priorities designed to drive economic growth across the state, and the importance of continued investment in higher education.

State Relations Initiatives

Prior to, during, and beyond spring session, several initiatives were and continue to be underway, including:

- Strong engagement with the Governor’s office that led to an on-campus visit by Governor Pritzker.
- Ongoing communication with the Governor’s office, the Capital Development Board, and the Governor’s Office of Management & Budget regarding the NICCS facility.
- Summer meeting with NIU Caucus co-chairs for 2022-23 planning.
- Coordination with the NIU Alumni Association’s advocacy committee on an advocacy strategy for 2022-23.

- Updating advocacy materials and NIU's legislative agenda for 2022 fall veto session.

FEDERAL LEGISLATIVE REPORT

This report covers the period of February 2022 through mid-April 2022 and encompasses NIU equities across the federal government.

The Administration

President Biden delivered his first State of the Union address on March 1, 2022. His speech touched on several topics relating to NIU's interests. The president called for a \$2,000 increase in the maximum Pell Grant and asked Congress to approve more money for expanding programs in "high-demand" fields at historically Black colleges, tribal colleges, and minority-serving institutions. President Biden called for a pathway to citizenship for undocumented students along with broader immigration reform. He also urged Congress to pass legislation that invests in science, technology, and innovation.

The Supreme Court

Justice Ketanji Brown Jackson has been appointed to the U.S. Supreme Court, and she will assume her duties upon the retirement of Justice Stephen Breyer in summer 2022.

U.S. Congress

Congress continues to work on legislation to enhance U.S. research, innovation, and manufacturing. The Senate bill is called the US Innovation and Competition Act and the House bill is called the America COMPETES Act. Earlier this month, House and Senate leadership announced the conferees who will be negotiating the compromise legislation. Illinois has six members who are serving as conferees including Congressman Adam Kinzinger who represents NIU's campus. NIU is working with our peer institutions in Illinois and across the country to engage in the conference process.

Appropriations

The FY22 appropriations process was completed in March. All of NIU's priorities received flat or increased funding. Notable outcomes include an increase of \$400 (6%) to the maximum Pell Grant and increases of 1% to nearly 4% for campus-based aid programs, a \$350M (4%) increase for the National Science Foundation, a \$450M (6.4%) increase for the Department of Energy Office of Science which funds the national laboratory system, and a \$2B (4.8%) increase for the National Institutes of Health.

The FY23 appropriations process kicked off with the release of the FY23 President's Budget Request (PBR) on March 28, 2022. The PBR is the starting point for negotiations with Congress and is commonly viewed as a statement of priorities for the Administration rather than a document that is intended to be enacted in full. It included \$26.3B for federal student grant aid. Most notably, the budget outlines a long-range plan to double the maximum Pell Grant by 2029, starting with an increase to \$8,670 for the 2023-24 award year, \$1,775 more than the maximum award for 2022-23. On the research side, two major new initiatives are proposed. The administration is requesting \$49B for the National Institutes of Health (NIH), a \$4B increase over FY22. This includes \$5B for a new Advanced Research Projects Agency for Health inside the NIH. The budget requests \$10.5B for the National Science Foundation, a \$1.66B increase from the FY22 enacted level. This includes \$880M requested for the new Directorate for Technology, Innovation, and Partnerships.

The House and Senate intend to fund projects through community project funding (CPF; House) and congressionally directed spending (CDS; Senate) for FY23. CPF/CDS requests are limited to

specific agencies and programs, include a number of transparency and ethics guardrails, and each House office can submit only fifteen CPF requests. NIU has submitted two CPF/CDS proposals to members of the Illinois congressional delegation. We should hear in the next 1-2 months whether our proposals have been accepted by a congressional office.

The timeline for completing FY23 appropriations is already murky given the midterm elections in November 2022. It is expected that Congress will do a continuing resolution that pushes the completion of FY23 appropriations past the November elections. How FY23 appropriations unfolds will depend on the outcome of the November elections.

Federal Engagement with NIU

Recent and upcoming federal engagements with NIU include:

- March 17 – NIU participated in Title VI International Education Advocacy Day. NIU joined with the University of Illinois system, University of Chicago, and Northwestern University for virtual meetings with six Illinois congressional offices regarding international education programs.
- April 22 – Vice President Blazey met with Senator Durbin and NSF Director Panchanathan. Vice President Blazey joined partners from the University of Illinois and industry to meet with Senator Durbin and NSF Director Panthanathan at the AgTech Industry Roundtable. Hosted by the University of Illinois and the University of Illinois Research Park, the Roundtable showcases Illinois as a leading location for AgTech industry and scientific innovation.
- April 25 – Rep. Underwood toured the Microelectronics Research and Development Lab (MRDL) in the College of Engineering and Engineering Technology.
- May 5 – Assistant Vice President Quider is a panelist at the National Science Board meeting. Assistant Vice President Quider is scheduled to speak on a panel addressing “The Geography of Innovation” at the National Science Board quarterly meeting.

SPONSORED PROGRAM ADMINISTRATION QUARTERLY REPORT

This report covers sponsored funding activity for the first three quarters of FY22. Excluding COVID-19 relief funds, the number of sponsored awards and amount of funding are up over this same time last year. Awards are up by 18% and total funding by 30% (Figure 1). Including COVID-19 relief funds, total sponsored funding for this quarter is \$38.2M (Table 1). Total sponsored funding includes \$9.6M for Research, \$4.7M for Instruction, and \$23.8M for Other Sponsored Activities.

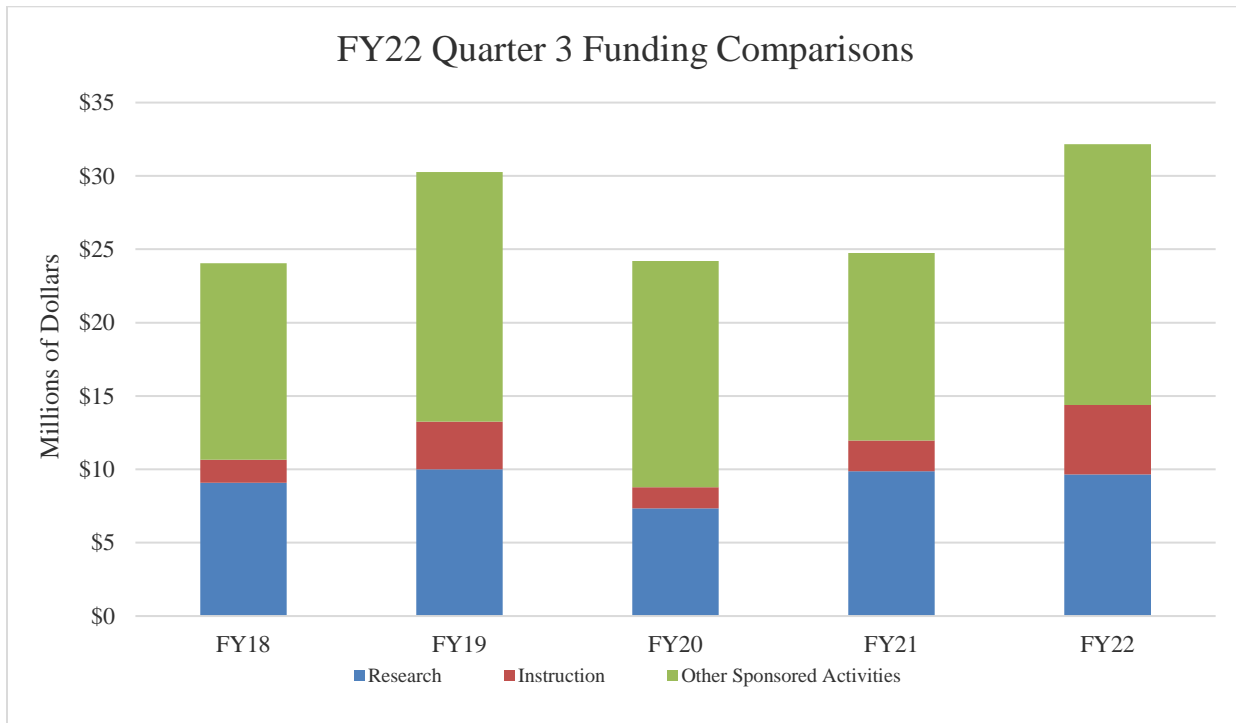
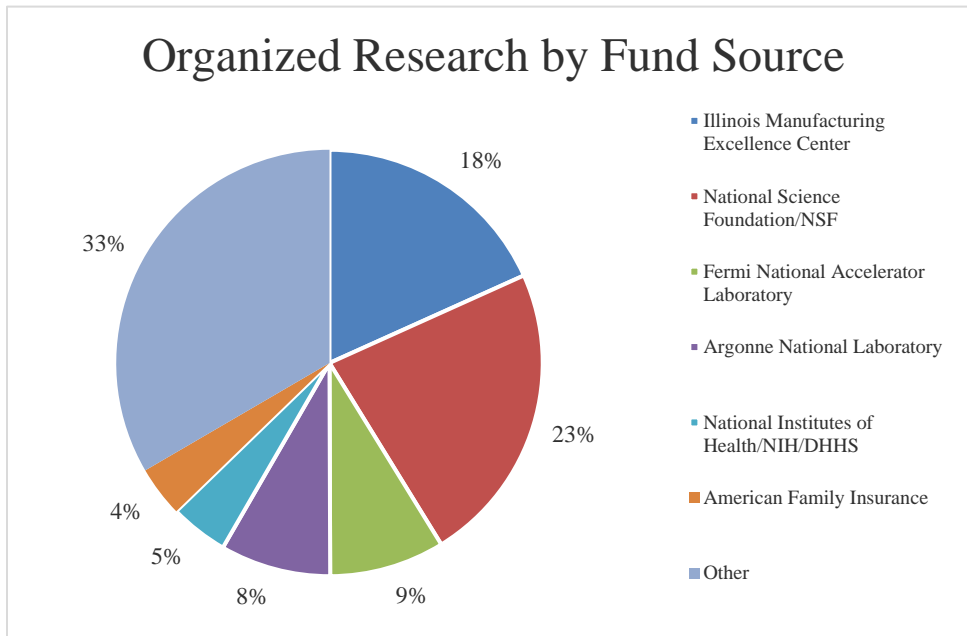


Figure 1

Table 1

3rd Quarter Comparisons with COVID-19 Relief Funding			
	FY20	FY21	FY22
Sponsored Funding	\$24,196,264	\$24,737,007	\$32,164,036
Relief Funding*	\$0	\$20,465,824	\$6,108,697
Total Sponsored Funding	\$24,196,264	\$45,202,831	\$38,272,733

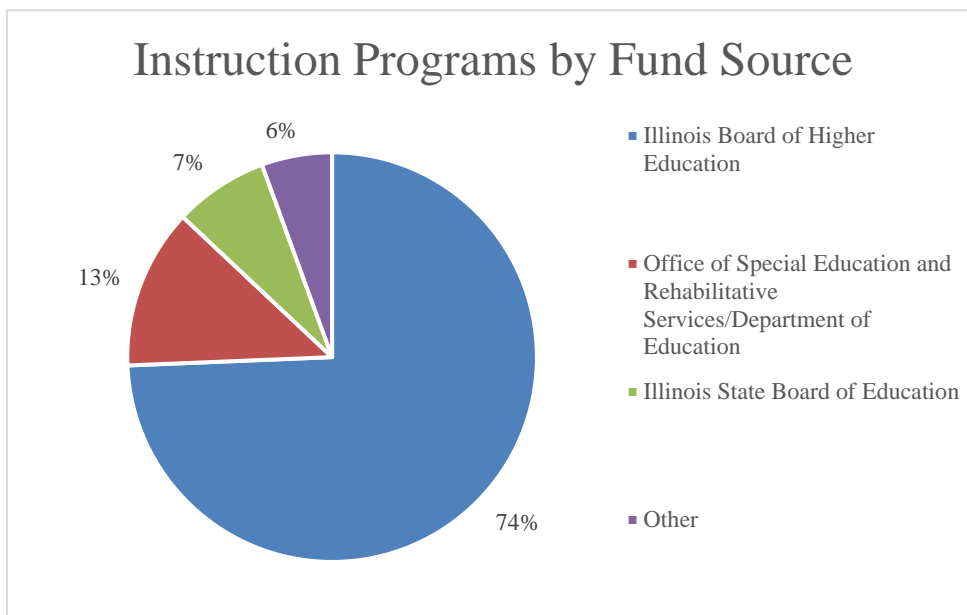
*Relief Funding includes HEERF I, II, III (CARES, CRRSAA, ARP, and SIP) Institutional Funds, GEER and other programs specifically targeting COVID-19 recovery efforts.



While the National Science Foundation (NSF) provided almost half of the research funding for this quarter, the top sources of Organized Research funding this year have remained mostly unchanged (Figure 2). This quarter, faculty from the Department of Earth, Atmosphere, and Environment obtained a highly competitive

Figure 2

Note: Cumulative information (Q1-Q3) representing the originating fund source institutional Noyce Science Teaching award for \$900K that aims to increase the number and diversity of secondary science teachers, improve pre-service teachers' cultural competence, and support graduates' transition to science teachers in high needs districts. In addition to this NSF funding, faculty in the departments of Physics and Mechanical Engineering secured support from Argonne National Laboratory and Fermilab for various research activities.

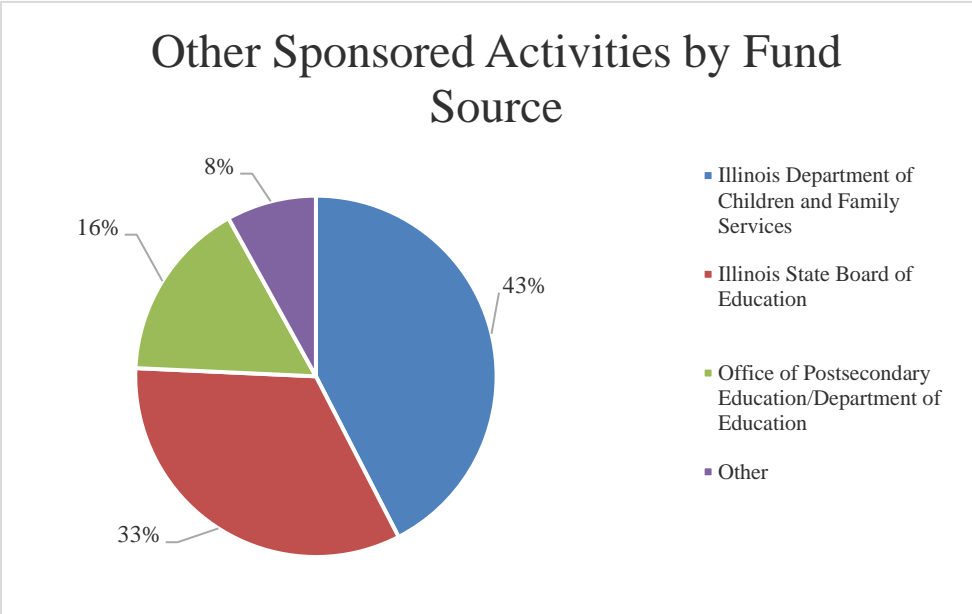


The third quarter increase in funding for Instruction was almost exclusively for projects funded by the Illinois Department of Human Services (IDHS). However, this did not change the overall funding composition for Instruction Programs for the year. (Figure 3). The IDHS funding includes awards to faculty in The School of

Figure 4

Note: Cumulative information (Q1-Q3) representing the originating fund source

Interdisciplinary Health Professions for \$209K to train individuals with a lived experience of mental illness and/or substance use disorders to become certified mental health professionals and an award to the NIU Child Development & Family Center to purchase learning materials to enhance childrens' educational activities.



This quarter, funding from the Illinois Department of Children and Family Services (DCFS), the Office of Postsecondary Education/Department of Education (USED), and the Illinois State Board of Education (ISBE) accounted for almost 75% of funding for all Other Sponsored Activities (OSA) with DCFS now

Figure 5
 Note: Other category includes agencies contributing 1%-3% to the total. Cumulative information (Q1-Q3) representing the originating fund source

providing the most OSA funding to NIU for the year (Figure 4). This shift reflects NIU’s normal funding portfolio capturing funding to faculty in the Department of Psychology who manage the annual \$6.8M Integrated Assessment (IA) Program that provides clinical screening and assessment services to children under DCFS care. Other OSA awards this quarter include \$1.7M in funding from ISBE to the NIU P-20 Center to support migrant education and \$1.9M from USED for COVID-19 relief funds under the Strengthening Institutions Program (SIP).

Table 2 shows increases and decreases of awards secured by colleges and other university units for the different sponsored activities this quarter relative to Quarter 3 of FY21. The College of Liberal Arts and Sciences (CLAS), Division of Outreach, Engagement, and Regional Development (OERD), and Other University Units were major recipients of awards for this quarter. CLAS received \$9.9M, OERD received \$3.4M and Other University Units \$1.9M.

Table 2

College	Organized Research	Instructional Programs	Other Sponsored Activities	Total – QTR. 3 FY22	Total – QTR. 3 FY21	% Change
Business	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Education	\$ 83,344	\$ 3,764,728	\$ 59,991	\$ 4,208,063	\$ 723,127	482%**
Engineering & Engineering Tech.	\$ 95,324	\$ -	\$ 58,183	\$ 753,506	\$ 1,103,207	-32%
Health and Human Sciences	\$ 243,486	\$ 567,375	\$ 574,073	\$ 1,384,934	\$ 2,270,628	-39%
Liberal Arts and Sciences	\$6,440,478	\$ 250,000	\$10,667,266	\$17,357,744	\$16,064,453	8%
Visual & Performing Arts	\$ 34,981	\$ -	\$ 8,900	\$ 43,881	\$ 7,800	463%
Outreach, Engagement, & Regional Dev.	\$ -	\$ -	\$ 9,874,585	\$ 9,874,585	\$ 3,265,515	202%
Other Academic Units	\$1,849,358	\$ 162,002	\$ 109,419	\$ 2,120,779	\$ 2,374,393	-11%
Other University Units	\$ -	\$ -	\$ 2,529,241	\$ 2,529,241	\$19,393,708	-87%
Total	\$9,646,971	\$ 4,744,105	\$23,881,658	\$38,272,733	\$45,202,831	-15%*

* The overall reduction in funding from FY21 to FY22 is due to the large amount (\$20M) of institutional relief funds recorded through SPA last year.

** Includes \$3.4M in COVID-19 relief funds for the Illinois Tutoring Initiative. These funds were reported in last quarter’s report.

A full list of all sponsored awards received for the third quarter follows.

ADMINISTRATION AND FINANCE

Office of Postsecondary Education/Department of Education for "Strengthening Institutions Program (SIP)." Sarah Chinniah/Shyree M. Sanan.

Award: \$1,864,381.00.

January 21, 2022 - January 20, 2023. (Other Sponsored Activities) Other.

Funds are used to defray expenses associated with COVID-19 and implement evidenced-based practices to monitor and suppress coronavirus and conduct outreach to financial aid applicants about additional resources made available through this program.

ALLIED HEALTH AND COMMUNICATIVE DISORDERS

Capita Foundation for "Relationship Between Cognitive Changes and Speech-in-Noise Deficits in Individuals with a History of Concussion: An Effluent System Study." Matt Wilson.

Award: \$525.00. Cumulative \$10,525.00.

January 16, 2021 - January 15, 2023. (Organized Research) Applied Research.

This study explores the relationship among concussion, auditory deficits -particularly understanding speech in noise- and cognitive deficits.

ANTHROPOLOGY

University of Illinois at Chicago for "SRS RN: Convergent Innovations in Regional Circular Economies (CIRCULAR)." John T. Murphy.

Award: \$11,622.00.

December 1, 2021 - November 30, 2022. (Organized Research) Applied Research.

CIRCULAR will sponsor workshops to design convergent research about how the northern Illinois region can move from a linear to a circular (recycling/reuse) economy, and build capacity needed to establish a long-term research project around this problem.

CENTER FOR LATINO AND LATIN AMERICAN STUDIES

University of Nebraska for "Crisis and Culture of Fear among Latino Communities in the Midwest." Christina D. Abreu.

Award: \$5,000.00. Cumulative \$8,500.00.

June 1, 2022 - September 30, 2022. (Organized Research) Applied Research.

This project will develop a framework for understanding the construction of fear among Latino/a/x communities in the Midwest.

CENTER FOR THE STUDY OF FAMILY VIOLENCE AND SEXUAL ASSAULT

Illinois Department of Children and Family Services for "Congregate Care Assessment Program FY22." Julie L. Crouch/Matthew E. Skarbek.

Award: \$1,100,000.00.

July 1, 2021 - June 30, 2022. (Other Sponsored Activities) Public Service.

The Congregate Care Assessment Program (CCAP) is funded through DCFS to conduct independent assessments of youth in care to determine if level of treatment is appropriate.

Illinois Department of Children and Family Services for "Domestic Violence Program FY22." Julie L. Crouch/Matthew E Skarbek.

Award: \$556,554.00.

July 1, 2021 - June 30, 2022. (Other Sponsored Activities) Public Service.

NIU will coordinate and administer the Domestic Violence Intervention Program in conjunction with the DCFS Administrator of the program.

Kansas State University for "Collection of Intimate Partner Violence Incident Data." Joel S. Milner/Joe A. Ammar/Julie L. Crouch.

Award: \$50,000.00. Cumulative \$125,000.00.

April 30, 2022 - April 29, 2023. (Organized Research) Applied Research.

This project will use an Automated Telephone Data Collection (ATDC) system to collect from study participants to determine the extent to which new incidents of intimate partner violence (IPV) occur following an alleged incident of IPV.

CHEMISTRY AND BIOCHEMISTRY

FONA International Inc. for "Synthesis of Compounds of Interest on Larger Scale." Douglas A. Klumpp.

Award: \$7,000.00.

August 1, 2021 - October 31, 2021. (Organized Research) Applied Research.

The work will involve the preparation of three compounds. This will include compounds RK-2-10, XI-1-65, and XI-2-73, in approximately 20g quantities each.

CHILD DEVELOPMENT AND FAMILY CENTER

Illinois Network of Child Care Resource & Referral Agencies for "Child Care Restoration Grant." Amy S. Lofthouse.

Award: \$98,134.00. Cumulative \$662,923.00.

October 1, 2021 - December 31, 2021. (Other Sponsored Activities) Public Service.

These funds will provide supplemental revenue to assist the Child Development and Family Center, which has reduced capacity due to COVID-19 regulations.

Community Coordinated Child Care for "Quality Improvement Funds." Amy S. Lofthouse.

Award: \$4,916.56.

July 1, 2021 - June 30, 2022. (Instructional Programs) Instructional Programs.

To select materials to provide children in the infant and preschool classrooms with many and varied developmentally appropriate materials that will allow for quality learning and experiences.

Illinois Network of Child Care Resource & Referral Agencies for "Child Care Restoration Grant." Amy S. Lofthouse.

Award: \$91,595.00. Cumulative \$662,923.00.

April 1, 2021 - September 30, 2021. (Other Sponsored Activities) Public Service.

These funds will provide supplemental revenue to assist the Child Development and Family Center, which has reduced capacity due to COVID-19 regulations.

COLLEGE OF ENGINEERING AND ENGINEERING TECHNOLOGY

Association of Public and Land-Grant Universities for "NIU-IMEC PARTNERSHIP TO ADVANCE MANUFACTURING INNOVATION." Donald R. Peterson/Mansour

Tahernezhad.

Award: \$89,999.00.

July 1, 2021 - June 30, 2022. (Organized Research) Applied Research.

The goal is to establish a Professor of Practice in Manufacturing (PPM) to work with MEP funded IMEC to assess the needs of small to medium size manufactures (SMMs) and to ensure long term assistance with implementation of technology adoption.

COLLEGE OF HEALTH AND HUMAN SCIENCES

University of Illinois for "Education and Training to Support the Northern Illinois Region: Bringing Simulation to the Community." Beverly W. Henry.

Award: \$56,088.54.

September 1, 2021 - August 31, 2022. (Other Sponsored Activities) Public Service.

This project seeks to pilot use of simulation technology to strengthen workforce development and address community health needs in the region.

COUNSELING, ADULT AND HIGHER EDUCATION

American Educational Research Association for "A Head Start to College: Does Dual Enrollment Equalize Students' Academic and Labor Market Success in STEM?" Xiaodan Hu.

Award: \$35,000.00.

August 16, 2022 - August 15, 2024. (Organized Research) Applied Research.

The purpose of the project is to examine the impact of dual enrollment on academic and employment outcomes in STEM fields, particularly those of traditionally underrepresented students.

EDUCATION SYSTEMS CENTER

Illinois State Board of Education for "Early Childhood Transformation Team." Theresa A. Hawley.

Award: \$672,745.50.

December 31, 2021 - December 30, 2022. (Other Sponsored Activities) Public Service.

Commission for Equitable Early Childhood Education and Care Funding.

Illinois State Board of Education for "Data Modeling & Demographic Crosswalk." Jon Furr.

Award: \$175,000.00.

December 31, 2021 - December 30, 2022. (Other Sponsored Activities) Public Service.

NIU staff will support rationalization of demographic data definitions and modeling of data to facilitate creation of the Early Childhood Participation Dataset.

ELECTRICAL ENGINEERING

Hiwin Corporation for "Mechatronic System Sizing and Selection Tool." Hasan Ferdowsi.

Award: \$45,001.25. Cumulative \$80,000.42.

February 1, 2022 - January 31, 2023. (Organized Research) Applied Research.

This project will produce a web-interfaceable software platform for the sizing and selection of direct drive servos used in high performance motion control systems.

FAMILY AND CONSUMER SCIENCES

Office of Postsecondary Education/Department of Education for "CCAMPIS 2018." Thomas W. Pavkov.

Award: \$266,727.00. Cumulative \$1,066,908.00.

October 1, 2021 - September 30, 2022. (Other Sponsored Activities) Public Service.

This project allows the Child Development and Family Center to provide low-income student families with high-quality, campus-based childcare to allow the parents to seek higher education.

DEPARTMENT OF EARTH, ATMOSPHERE, AND ENVIRONMENT

University of California, San Diego for "Atmospheric River Program Phase 2." Allison C. Michaelis.

Award: \$45,036.62.

October 1, 2021 - September 30, 2022. (Organized Research) Applied Research.

Through the proposed work, we hope to elucidate the role of climate change on the dynamics and impacts associated with U.S. West Coast atmospheric rivers.

Directorate for Education and Human Resources/NSF for "Track 1: NIU Noyce Science Teaching Scholarship and Internship Program." Nicole D. LaDue.

Award: \$919,638.00.

April 1, 2022 - March 31, 2025. (Organized Research) Applied Research.

The goals of the NIU Noyce Scholars Program are to increase the number and diversity of secondary science teachers, increase pre-service teachers' cultural competence, and support graduates' transition to science teachers in high needs districts.

INDUSTRIAL AND SYSTEMS ENGINEERING

Montrose, Inc. for "Predictive Modeling of Real Estate Data." Christine V. Nguyen/Niechen Chen.

Award: \$41,545.20.

February 15, 2022 - August 15, 2022. (Organized Research) Applied Research.

Funds are requested to develop machine learning predictive models to analyze real estate data.

Triangle Package Machinery Company for "Process Improvement at Triangle Packaging Machinery Company." Purushothaman Damodaran/Niechen Chen/Ziteng Wang.

Award: \$88,445.59. Cumulative \$175,444.59.

February 15, 2022 - February 14, 2023. (Organized Research) Applied Research.

The project objective is to identify improvement opportunities and implement solutions in the areas of machine shop, stockroom, and assembly. By improving the production of each area Triangle Packaging will be able to keep up with customer demand.

Chalmers St. Consulting for "Developing a New Facility Layout for Chromebook Operations." Christine V. Nguyen.

Award: \$43,935.93.

February 15, 2022 - June 30, 2022. (Organized Research) Applied Research.

The project focuses on developing a new layout for the company.

MECHANICAL ENGINEERING

Fermi National Accelerator Laboratory for "ENGINEERING DESIGN OF FIXTURES FOR HL-LHC AUP AND PIP-II/SSR SRF CAVITIES AT FERMILAB." Iman Salehinia.

Award: \$133,831.44.

January 1, 2022 - December 31, 2022. (Organized Research) Applied Research.

The purpose of this funding is to design and to analyze tooling and fixtures to handle, position, and transport SRF cavities (RF Dipole and SSRs) during chemical processing, cleanroom preparation, and testing.

NORTHERN PUBLIC RADIO

Illinois Arts Council for "IACA WNIJ-FM PRTV Basic Grant FY22." Staci Hoste.

Award: \$9,385.00.

January 1, 2022 - August 31, 2022. (Other Sponsored Activities) Public Service.

Funds are used for high quality public radio programming.

Illinois Arts Council for "IACA WNIU-FM PRTV Basic Grant FY22." Staci Hoste.

Award: \$9,385.00.

January 1, 2022 - August 31, 2022. (Other Sponsored Activities) Public Service.

Funds are used for high quality public radio programming.

NURSING

American Association of Colleges of Nursing for "All of Us Research Program." Anitha Saravanan.

Award: \$10,000.00.

November 30, 2021 - June 30, 2022. (Organized Research) Applied Research.

The goal of the "All of Us" Research is to encourage underrepresented communities belonging to racial/ethnic backgrounds but not limited to the elderly, women, and lower educational and lower-socio economic status to participate in research.

P-20 CENTER

Illinois State Board of Education for "Migrant Education Program Coordination." Susana A. Das Neves.

Award: \$1,770,000.00.

September 1, 2021 - August 31, 2024. (Other Sponsored Activities) Public Service.

The Center for P20 Engagement, with ISBE, will deliver support in 8 different categories to local grantees in the Migrant Education Program. Work includes identification, recruitment, educational support, data systems, evaluations, and family engagement.

Illinois State Board of Education for "Nita M. Lowey Twenty-First Century Community Learning Centers." Kristin A. Brynteson/Jeremy J. Benson/Hollie Rodriguez.

Award: \$150,000.00.

July 1, 2021 - June 30, 2022. (Other Sponsored Activities) Public Service.

Barb City STEAM Team provides afterschool and summer school programming to 6th-12th graders underrepresented in postsecondary, focusing on academics, career planning, SEL and family engagement.

PHYSICS

Argonne National Laboratory for "Application of Machine Learning to Particle-Accelerator Control." Philippe Piot.

Award: \$15,536.00.

January 16, 2022 - June 15, 2022. (Organized Research) Applied Research.

Funding is requested for GRA to work on the Application of Machine Learning to Particle-Accelerator Control.

Fermi National Accelerator Laboratory for "Deep Underground Neutrino Experiment (DUNE): FD2 PDS." Vishnu V. Zutshi.

Award: \$196,670.00.

November 1, 2021 - December 31, 2022. (Organized Research) Applied Research.

Funds are requested for work on the Deep Underground Neutrino Experiment (DUNE) FD2 PDS US project.

State University of New York at Stony Brook for "U.S. ATLAS Operations." Jahred A. Adelman/Dhiman Chakraborty.

Award: \$74,980.00. Cumulative \$1,151,546.00.

February 1, 2021 - January 31, 2022. (Organized Research) Applied Research.

Funds are requested to develop and maintain the ATLAS calibration database and related software.

State University of New York at Stony Brook for "ATLAS User Support." Jahred A. Adelman.

Award: \$19,740.00.

October 1, 2021 - January 31, 2022. (Organized Research) Applied Research.

Funds support U.S. ATLAS operations support.

Fermi National Accelerator Laboratory for "Deep Underground Neutrino Experiment (DUNE)." Vishnu V. Zutshi.

Award: \$93,894.00. Cumulative \$276,026.00.

April 1, 2022 - December 31, 2022. (Organized Research) Applied Research.

Funds will support the Deep Underground Neutrino Experiment (DUNE) Single-phase Photon Detector consortium to support the DUNE Technical Design Proposal.

PRESIDENTS OFFICE

DeKalb County Health Department for "NIU COVID-19 Hotline with DeKalb County Health Department." Matthew J. Streb.

Award: \$35,000.00. Cumulative \$222,000.00.

January 1, 2022 - March 31, 2022. (Other Sponsored Activities) Public Service.

NIU will manage COVID-19 hotline including providing recommendations for testing, isolation, quarantine and return to campus.

PSYCHOLOGY

Illinois Department of Children and Family Services for "Integrated Assessment FY22." Laura D. Pittman/Matthew E. Skarbek.

Award: \$6,817,267.00.

July 1, 2021 - June 30, 2022. (Other Sponsored Activities) Public Service.

Funds support the Integrated Assessment (IA) Program, which provides clinical screening and assessment services to children under the care of DCFS in the northern, central, and southern IA Program regions.

REPORT CARDS

Illinois State Board of Education for "Early Childhood Participation Database and ILDS 2.0 Development." Alan D. Clemens.

Award: \$479,999.52.

December 31, 2021 - December 30, 2022. (Other Sponsored Activities) Public Service.

NIU staff will support rationalization of demographic data definitions and modeling of data to facilitate creation of the Early Childhood Participation Dataset.

Illinois State Board of Education for "Chicago Early Childhood Integrated Data System (CEIDS) Alignment with ILDS & State Regional Council System." Alan D. Clemens.

Award: \$150,000.48.

December 31, 2021 - December 30, 2022. (Other Sponsored Activities) Public Service.

NIU staff will develop a data warehouse for Chicago-area early childhood data.

SCHOOL OF INTERDISCIPLINARY HEALTH PROFESSIONS

Illinois Department of Human Services for "Peer Recovery Training." Paul E. Priester.

Award: \$209,509.00.

January 1, 2022 - June 30, 2022. (Instructional Programs) Instructional Programs.

This program will train individuals with a lived experience of mental illness and/or substance use disorders to become certified mental health professionals.

SCHOOL OF HEALTH STUDIES

University of Illinois at Urbana-Champaign for "A Comprehensive Public Health Approach to Asthma Control Through Evidence-Based Interventions." Arlene M. Keddie.

Award: \$26,978.00. Cumulative \$53,184.40.

September 1, 2021 - August 31, 2022. (Other Sponsored Activities) Testing/Evaluation.

This project will support evaluation for the Illinois Department of Public Health (IDPH), Office of Health Promotion's project "A Comprehensive Public Health Approach to Asthma Control Through Evidence-Based Interventions."

SOCIOLOGY

Lake County for "Redeploy RYSE." Carol S. Walther.

Award: \$5,000.00.

January 1, 2022 - June 30, 2022. (Other Sponsored Activities) Public Service.

The purpose of this project is to improve outcomes for justice-involved youth and parents/guardians.

SHIMADZU PARTNERSHIP

Vice President for Research and Innovation Partnerships Gerald Blazey will provide a verbal report.