



Board of Trustees

Research and Innovation,
Legal and Legislative Affairs
Committee

May 14, 2020

**BOARD OF TRUSTEES OF NORTHERN ILLINOIS UNIVERSITY
Research and Innovation, Legal and Legislative Affairs Committee**

11:00am – Thursday – May 14, 2020

This Committee meeting is being conducted through video conferencing communications and is being conducted pursuant to Section 6 of Executive Order 2020-7 (Suspending OMA requirements of in person attendance by members of a public body).

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 13, 2020](#) *Action*..... 1
5. Chair's Comments/Announcements
6. Public Comment*
7. University Reports
 - a. [State Legislative Report](#) *Information*..... 4
 - b. [Federal Legislative Report](#) *Information*..... 7
 - c. [Sponsored Program Administration Quarterly Report](#) *Information*..... 9
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 Karen Campbell, kcambell@niu.edu, Recording Secretary to the Board of Trustees.

Anyone needing special accommodations to participate in the NIU Board of Trustees meetings should contact Karen Campbell, kcambell5@niu.edu.

Minutes of the
Board of Trustees of Northern Illinois University
Research and Innovation, Legal and Legislative Affairs Committee
February 13, 2020

1. CALL TO ORDER AND ROLL CALL

The meeting was called to order at 12:50 by Committee Chair John Butler in the Board of Trustees Room, 315 Altgeld Hall. Recording Secretary Jessica Cima conducted a roll call of the Trustees. Members present were Trustee Montel Gayles, Trustee Madalynn Mershon, Trustee Bob Pritchard, Trustee Eric Wasowicz, Board Chair Dennis Barsema, Committee Chair John Butler, and Committee Vice Chair Rita Athas. Trustee Veronica Herrero was absent. Also present were President Lisa Freeman, Committee Liaison and Vice President for Research and Innovation Partnerships Jerry Blazey, General Counsel Bryan Perry, and Board Liaison Matt Streb.

2. 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.

3. MEETING AGENDA APPROVAL

A motion to approve the agenda was made by Board Chair Dennis Barsema. seconded by Trustee Montel Gayles. All were in favor. None were opposed. The agenda was approved.

4. REVIEW AND APPROVAL OF MINUTES

A motion to approve the minutes of the August 15, 2019 meeting was made by Trustee Madalynn Mershon; seconded by Board Chair Dennis Barsema. All were in favor. None were opposed. The minutes were approved.

5. CHAIR'S COMMENTS/ANNOUNCEMENTS

Trustee John Butler noted that Board of Trustees Professor Reed Scherer joined the meeting to discuss his research agenda and that the Board of Trustees understands and appreciates the critical function of faculty research in differentiating NIU as a national research university, classified as a Carnegie high research activity institution.

Trustee Butler welcomed the members of the University Advisory Committee representing the Research and Innovation, Legal and Legislative Affairs Committee and requested comments.

Kendall Thu express his gratitude to the Board for inviting Professor Scherer to discuss his research. Professor Thu noted that as President of the faculty senate, he advocates for tenure track faculty and noted the rigors that faculty members go through to advance through the ranks of the tenured system.

6. PUBLIC COMMENT

Mr. Perry confirmed that there were no timely requests for public comment

7. UNIVERSITY REPORTS

Chair Butler asked Vice President for Research and Innovation Partnerships Dr. Jerry Blazey to present item 7.a.

Agenda Item 7.a. Exceptions to Full-Time Requirements for Tenured Positions

Vice President Blazey noted that the change to full-time tenure requirements was presented to and passed by the Academic Affairs, Student Affairs and Personnel Committee. He noted that the action allows an important exception to the requirement for tenure and it enables NIU to collaborate with other institutions, museums, laboratories, hospitals and clinics.

Chair Butler asked State Legislative Liaison to present item 7.a .

Agenda Item 7.b. – State Legislative Update

Jenna Mitchell said that the Spring Legislative would be light with only 13 weeks scheduled and just under 2,100 bills filed, of which a large portion will impact the university. She reported that Governor’s budget address is Wednesday, February 19th, during which he will release his recommendation for NIU. She said that NIU expects the Governor to recommend an increase in Monetary Award Program (MAP).

Ms. Mitchell discussed NIU’s spring 2020 legislative agenda. The agenda includes \$93.6 million for FY21 operations—the level of funding passed by the board in August, the re-appropriation and release of the \$53 million for deferred maintenance capital, and, a re-appropriation of the \$15 million in funding for NICCS and \$77 million for the health IT building that was included in the Rebuild Illinois program this last spring. Additionally, the legislative agenda includes a bill that addresses outdated compliance requirements, a lease agreement extension, and GATA reform to help streamline reporting processes for grants.

Ms. Mitchell also reported on State Legislative engagement, which included two state-wide constitutional officers visiting campus, Lieutenant Governor Stratton attending the season’s first football game, and Treasurer Michael Frerichs co-hosted a forum on campus about investing in Illinois students and the treasurer’s office preliminary plans on the implementation of the Student Investment Act. Ms. Mitchell reported on upcoming engagement activities, which included the second annual advocacy day in Springfield in April. The committee discussed the importance of senior leadership participating in state relations engagement activities.

Agenda Item 7.c. – Federal Relations Report

Dr. Anna Quider reported that the 2020 Federal appropriations were completed and FY20 funding is very positive for NIU priorities. She noted that there were no cuts to NIU priorities across education research and most programming saw an increase in funding. Dr. Quider reported that President Trump recently released his budget request on Monday of this week and it’s a very similar to his budget requests for the past three years, which includes cuts to many of NIU’s priorities. However, the budget negotiations between Congress and the White House have resulted in overall spending models for fiscal year 2021 and that budget increased relative to the President’s requests for fiscal 2021. Dr. Quider noted that being in a presidential election year makes it difficult to move legislation forward

Dr. Quider reported that President Freeman recently submitted comments to the US and Immigration Services regarding the impact of the U.S. Citizenship and Immigration Services’ (USCIS) proposed Fee Schedule and Changes to Certain Other Immigration Benefit Request Requirements. President Freeman has also joined other Illinois universities in sending a letter to our congressional delegation regarding policies effecting international students and scholars.

Dr. Quider noted that Rep. Adam Kinzinger invited NIU faculty member Dr. Tao Xu to represent the 15th Congressional District at the Energy, Environment and Innovation showcase in December, with representatives from industry and academia across the country. Dr. Quider also discussed the upcoming NIU reception on capitol hill that is being held in partnership between Federal Relations, the Alumni Association, and the NIU Foundation.

Agenda Item 7.d. – Sponsored Programs Administration (written Report)

The committee reviewed the sponsored program administration quarterly written report submitted by Assistant Vice President Dara Little. Vice President Jerry Blazey noted that NIU currently receives \$21 million in external funding and that NIU has seen a continual increase in our research expenditures over the past few years. The committee discussed the sponsored projects funded by external sources as well as university investment and research. The committee also discussed funding and investment opportunities for NICCS.

Agenda Item 7.e. – Dr. Reed Scheer

Dr. Reed Scheer discussed his recent sabbatical at Columbia University's, the Lamont-Doherty Earth Observatory and noted the importance of sabbaticals to scholarship and instruction. He discussed the ways in which his recent sabbatical resulted in the confirmation of results that his research team had recently discovered, which led to a publication in Nature. Dr. Reed noted that the Nature publication provided NIU approximately \$2M in earned media. Dr. Reed further discussed the ways in which his sabbatical provided invaluable opportunities for collaborations and provided tremendous learning and engagements opportunities for NIU students.

8. OTHER MATTERS

Chair Butler asked the Committee members if there were other matters to come before the committee. The committee confirmed that there were no other matters to be discussed.

9. NEXT MEETING DATE

Chair Butler noted that the next meeting will be held on May 14, 2020.

10. ADJOURNMENT

Trustee Montel Gayles motioned to adjourn; Trustee Madalynn Mershon seconded. The meeting was adjourned at 2:04PM.

Respectfully submitted,

Jessica Cima/Karen Campbell

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 UPDATE

COVID-19 Impact on Spring 2020 Legislative Session

As a result of COVID-19 and the subsequent “stay at home” order put into place by Governor Pritzker, the General Assembly has not held session in Springfield since the first week of March.

At the time of this report, it remains unclear when the General Assembly will return for necessary work prior to the end of the fiscal year. Emergency items to address include FY20 supplemental appropriations, FY21 appropriations, FY21 capital re-appropriations, FY21 budget implementation bill, and a small variety of other time-sensitive items—such as emergency response policies to help institutions, businesses, and state agencies adapt and efficiently operate during the current state of emergency.

Various bipartisan working groups have been established in both the House and Senate to begin negotiating and addressing the time-sensitive work that needs to be completed this Session/fiscal year. NIU is most closely tracking the work of the two budget groups, as well as the House higher education and Senate education working groups.

Illinois’ Revised Revenue Outlook for FY20 and FY21

On February 19, 2020 the Governor’s Office of Management and Budget (GOMB) released FY20 and FY21 general funds revenue forecast with the Governor’s budget proposal. These forecasts were based on the economic conditions and fiscal year-to-date revenue available as of early February. However, due to the impact of COVID-19 pandemic, the economic outlook for the State of Illinois for FY21 has shifted significantly, meriting a revised revenue projection for the remainder of FY20 and FY21.

On April 15, 2020, GOMB released its revised revenue outlook for the State of Illinois based on preliminary COVID-19 impact projections. While the length and potential impact of the unprecedented emergency response remains unclear, economists have begun to project that the likely impact on the economy, and in turn, the revenue collections that support the operations of state governments. According to GOMB, utilizing recent data forecasts available from IHS Markit, GOMB, and the Department of Revenue currently estimate that FY20 general funds state source base revenues will be approximately \$2.7 billion below the February estimate of \$36.9 billion, partially offset by expected additional federal revenues and additional inter-fund borrowing processed by the Office of the Comptroller.

FY21 general funds state source revenue estimates are being revised \$4.6 billion down from an estimated state source base revenue estimate of \$38.5 billion. This revenue shortfall, combined with additional FY20 borrowing, has created a budgetary gap when compared to the FY21 spending plan outlined by the Governor in February.

As a result of the budget for FY21 being impacted by whether the graduated income tax structure in Public Act (P.A.) 101-0008 takes effect, there are two scenarios for the budget gap in fiscal year 2021. If P.A. 101-0008 takes effect, the budget gap is approximately \$6.2 billion. If the graduated income tax structure in P.A. 101-0008 does not go into effect, the estimated budget gap is approximately \$7.4 billion.

The revision of revenues and the subsequent shortfalls will assuredly impact the General Assembly’s ability to hold all sectors harmless in FY21 beginning July 1, 2020.

Adapted Legislative Agenda Containing Emergency Requests

Considering the circumstances of COVID-19, NIU has appropriately adapted its spring 2020 legislative agenda to include the following time-sensitive items:

- **Prioritize Outstanding FY20 Payments to NIU** – At the time of this report, NIU has a total of \$31.6 million GF vouchered and not yet paid by the Illinois Comptroller’s Office for its FY20 operations. While we recognize the state is also facing cashflow issues and is having to prioritize/delay payments, we respectfully ask to be a priority.
- **FY20 Supplemental Fix for AIM HIGH** – In the FY20 budget, appropriations for the AIM HIGH Program were split into two-line items and designated for expenditure on certain cohorts. This provision has significantly restricted the program’s legislatively intended flexibility. For this reason, we are supportive of the Student Assistance Commission’s advocacy to remove the cohort restrictions and merge the \$25 million and \$10 million lump sums into one \$35 million-line item. This would provide NIU with the necessary flexibility to administer the Huskie Pledge program and renewal grants for current year AIM HIGH awards.
- **Adequate/Stable Funding for FY21 passed by June 30** – Support the Governor’s introduced budget for higher education. Prior to the unforeseen impacts of COVID-19 (on both the state and NIU’s revenues), NIU had requested a state appropriation of \$93.6 million General Funds, an increase of \$5.8 million, or 6.6% over FY20. While this increase is needed now more than ever, we understand the state’s financial situation and how tight next year’s budget will be. NIU respectfully requests that at a minimum, the General Assembly and Governor’s Office enact the Governor’s introduced budget for higher education. This would hold NIU’s funding flat until the voters decide on the graduated income tax referendum. If voters pass the referendum, the Governor’s introduced budget then recommends a 5% increase for NIU in FY21.
- **Reinstatement of the State University Certificates of Participation Act (COPS)** - Under the State University Certificates of Participation Act, public universities had the ability to fund capital improvements by selling certificates of participation. The Act expired in 2014, eliminating this useful method for financing capital improvements, adversely impacting state universities’ ability to maintain and expand their facilities and increasing their reliance on state capital appropriations. Reinstatement of this Act will restore more flexible and robust capital financing capacity to state universities. Considering the financial impact caused by COVID-19, immediate reinstatement of COPS would significantly increase the University’s financial mitigation options.
- **Temporary Suspension of the Grant Accountability and Transparency Act** - The Grant Accountability and Transparency Act (GATA) applies federal uniform guidance (UG) grant making principles to state and federal flow-through awards issued from Illinois’ state agencies to public universities. GATA is more restrictive than the federal government requirements, however, and in times of normal operations, it produces significant barriers and adversely impacts Illinois’ public universities. Prior to COVID-19, the public universities sought to have the General Assembly take action on **SB 3845 (McGuire)**, which seeks to permanently reform GATA for Illinois’ public universities by improving the application of uniform guidance (UG) to state grant making processes. However, given COVID-19 and the adjustments made to this legislative session and immediate priorities, we ask that the General Assembly instead consider temporary suspension of GATA for the public universities, which would immediately help with administrative obstacles as we work remotely and navigate changes/delays in existing grant contracts. This temporary action would provide necessary flexibility in the immediate while allowing universities,

legislators and additional stakeholders to take more time to negotiate permanent changes to the Act.

Illinois' CARES Act Funding for Education

Under the CARES Act, Illinois has been allocated \$109 million by the U.S. Department of Education to distribute among its elementary, secondary and higher education institutions, as well as to early childhood education providers deemed eligible. This encompasses both public and private institutions and is in addition to the direct relief funding each institution has received.

At the time of this report, it is unclear how the Governor's Office will determine to allocate the lump sum of funding among the various education sectors and within each sector. However, any distribution methodology should consider "institutions most significantly impacted."

NIU has provided the following allocation suggestions to the Illinois Board of Higher Education for consideration:

- In terms of measuring "institutions most significantly impacted," this measurement should not only look at added costs due to COVID-19, but also factor in some type of weighted revenue loss. Public and private universities are not only dealing with all normal costs and added COVID-19 costs, but the sector is also uniquely taking a significant hit to revenues to pay for it all (refunds to students, cancelled revenue-generating conventions and events, including those that generate philanthropy revenues).
- In terms of allocating funds among institutions of higher education, the U.S. Department of Education's approach/calculation of direct grant dollars to institutions is a worthy model to consider, which considered a combination of enrollment and number of PELL eligible students.

FEDERAL RELATIONS REPORT

This report covers the period of February through April 2020.

Appropriations

Fiscal Year 2021 Appropriations

President Trump released his Fiscal Year (FY) 2021 President's Budget Request (PBR) in February 2020. As with the past few years, the PBR proposed cuts to many NIU priorities. Work on the FY2021 appropriations bills has slowed due to the temporary closure of Congress. A stopgap continuing resolution (CR) that funds the federal government at least into mid-November 2020 is very likely given the delay in FY2021 appropriations work as well as the upcoming presidential and congressional elections on November 3, 2020.

Appropriations Outlook for FY2022 and Beyond

The significant federal spending on COVID-19 response (outlined below) will almost certainly impact annual appropriations for years to come. A recent analog to the current economic crisis is the Great Recession of the late 2000s. Federal spending during the Great Recession led, in part, to ten years of austere budget caps for discretionary spending that are finally ending in FY2021. While it is premature to speculate on the precise impact that COVID-19 related spending will have on the long-term appropriations outlook, we should anticipate some consequential impact that could include continued budget caps and austerity.

The Administration

On March 13th, President Trump issued *Proclamation on Declaring a National Emergency Concerning the Novel Coronavirus Disease (COVID-19) Outbreak*. Soon thereafter, Congress and many federal agencies converted non-essential workers to full-time telework. The White House granted federal research agencies the flexibility to adjust their policies for federal awards in response to the COVID-19 pandemic, and many have adopted temporary changes that affect federally funded programs at NIU. The Office of Sponsored Programs Administration is closely tracking these changes and keeping campus informed [here](#).

President Trump issued an Executive Order (EO) effective on April 23rd relating to immigration. The EO only impacts pending immigrant visa applications (applications for permanent residency) for persons who: were outside the U.S. on the effective date of the proclamation; and who do not have an approved immigrant visa or some other already issued official travel document (such as an advance parole document). Current and future international students and H-1B visa holders are not impacted by this order. However, in response to the COVID-19 pandemic, US consulates are closed which prevents visa applicants from completing their required visa interviews and delays the processing of their visa application.

Congress

Congress is working remotely since mid-March and it is scheduled to reconvene on May 4th. In that time, Congress has focused much of its time and attention on negotiating and passing legislation to address the COVID-19 pandemic. As of this writing, Congress has spent over \$3 trillion across four COVID-19 response bills. For context, the federal government typically spends about \$1.5 trillion on all discretionary programs annually and has an overall annual budget of about \$4.5 trillion. Two recent bills are particularly impactful for NIU: The Coronavirus Aid, Relief, and

Economic Security (CARES) Act, signed into law on March 27th, and the Families First Coronavirus Response Act (FFCRA), signed into law on March 18th.

The CARES Act provides \$30.75 billion to the Department of Education (ED) for an “Education Stabilization Fund” that is divided into three pools. It provides \$13 billion for K-12 education, nearly \$3 billion in discretionary education funds for states, and nearly \$14 billion for higher education institutions. Governors have discretion over how they divide their allocation among K-12 and public higher education in their state. The higher education fund supports institutional costs associated with campus disruption and online learning, and for grants to students for food, housing, technology, and other purposes. At least 50 percent of the funds that institutions receive must be used for direct emergency aid to students. The higher education fund also reserves 7.5 percent (slightly over \$1 billion) for minority serving institutions, and 2.5 percent (\$349 million) for grants to institutions particularly impacted by the pandemic. **NIU is allocated \$14,825,179 of the higher education fund and Illinois is allocated \$108,497,757 of the funding for the states.**

The FFCRA created new requirements for COVID-19 related to paid sick leave and paid family leave, as well as tax credits to offset the cost of implementing these new requirements. Unfortunately, public entities including public universities are excluded from eligibility for the tax credits. Congressman Brad Schneider from Illinois is leading legislation that would extend the tax credits to public entities.

Congress is working on additional COVID-19 response and recovery bills. NIU is working in conjunction with our sister institutions across Illinois and the nation and our professional associations to make the case to Congress and the Administration that our students and institutions are in need of additional financial and policy relief from COVID-19 related impacts to operations, education, and research in subsequent legislation.

The Courts

In November 2019, oral argument began in the US Supreme Court over the lawfulness of the DACA program. The Court just accepted a brief on the role of DACA recipients in addressing the COVID-19 pandemic. A decision is expected by June 2020.

Federal Engagement with NIU

Recent federal engagements with NIU include:

- **March 5-6: Student Trip to DC.** Undergraduate Meghan Trentz, 2019-2020 Federal Relations Intern, visited Washington, DC to attend the Council on Governmental Affairs quarterly meeting for the Association of Public and Land-grant Universities.
- **March 8-12: NIU Spring Break Trip to DC.** Fourteen NIU undergraduate students and Prof. Scot Schraufnagel visited Washington, DC to learn about the federal government through touring federal buildings and meeting with federal officials from the legislative and executive branches.
- **March 10-12: Canceled Engagements in DC.** Due to COVID-19, the following annual DC engagements were canceled: NIU’s congressional reception, President Freeman’s meetings with Members of Congress, and meetings on Capitol Hill and at federal agencies for five faculty members.

SPONSORED PROGRAMS ADMINISTRATION REPORT

At the close of quarter 3 for this fiscal year, total sponsored funding for NIU was \$24 million (Figure 1). This represents an additional \$6.5 million in funding since SPA's February 2020 report to the Board.

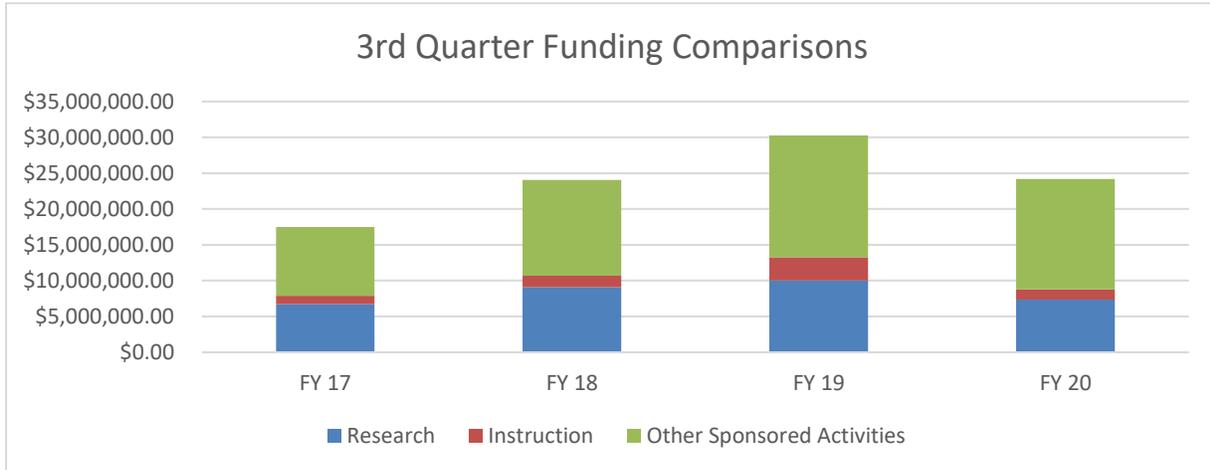


Figure 1

The transition to remote work has not impacted SPA's processing of proposals and awards. At this point, we are not aware of any COVID-19 disruptions at our collaborating institutions or funding agencies that would impact award decisions or delay processing times. However, it is unclear if recently awarded projects will start as planned due to the stay-at-home order. SPA is assessing these situations as needed.

The COVID-19 crisis has resulted in new federal funding opportunities that NIU faculty are taking advantage of. For research, the Rapid Response Research (RAPID) mechanism allows agencies to receive and review proposals having a severe urgency to respond to natural or anthropogenic disasters and other anticipated events. NIU has already received one RAPID award and a handful of others are in development. Dr. Sachit Butail, Mechanical Engineering, received the first RAPID award which will be used to analyze the effectiveness of different testing strategies for COVID-19.

As previously noted, NIU’s funding increased \$6.5 million in the third quarter. Research funding increased \$1.4 million while funding for other sponsored activities (OSA) increased \$5.1 million. Funding from state of Illinois agencies and the U.S. Department of Education largely contributed to the third quarter increase. Increases from these agencies is to be expected as they consistently account for most of NIU’s OSA funding. Figure 2 shows the current top five OSA funding agencies for FY 2020.

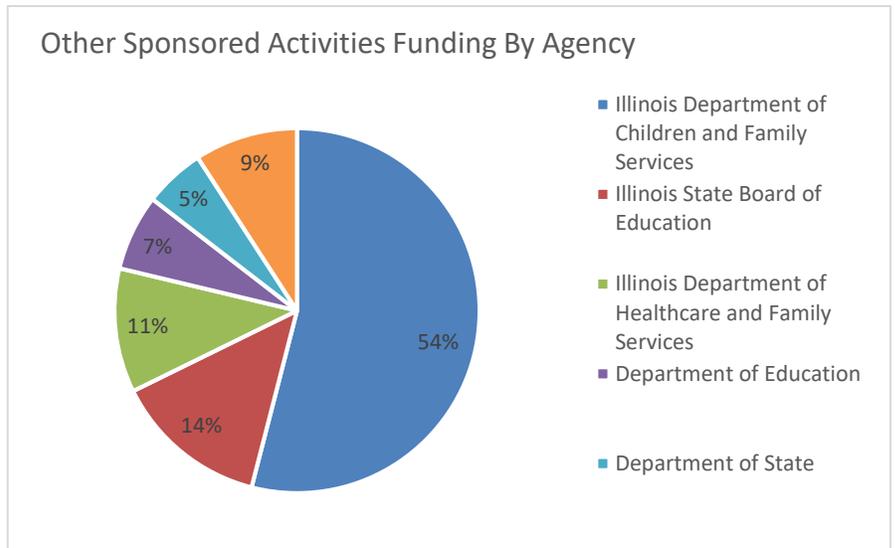


Figure 2

Projects classified as Other Sponsored Activities vary greatly and include support for NIU’s art museum, public radio programming and for this year, U.S. census participation. As previously reported to the Board, the funding from state of Illinois agencies is primarily for social service programs and K-12 data support (e.g. Illinois Report Card).

The \$1.4 million increase in research funding in the third quarter is largely due to awards from area national laboratories and direct funding from the U.S. Department of Energy. As with OSA, funding from these agencies is consistent with NIU’s overall research funding portfolio. See Figure 3 for the current top five research funding agencies FY 2020.

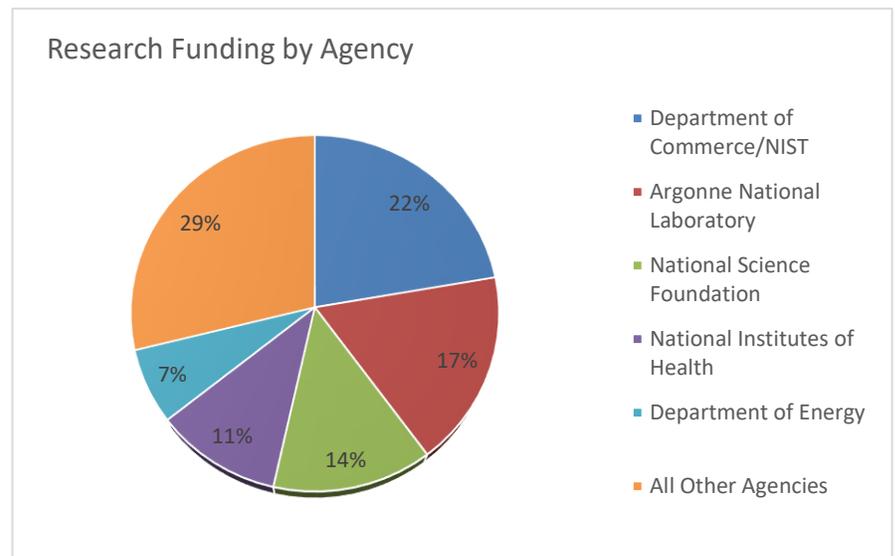


Figure 3

Also worth noting, NIU’s partnerships with Argonne National Laboratory and Fermilab enables research that is also funded through other agencies or collaborating institutions. Almost 80% of direct funding received from the U.S. Department of Energy and 30% of funding from the National Science Foundation is linked to collaborations or our access to facilities at these laboratories. For example, Dr. Tao Li, a recent joint faculty hire between NIU and Argonne secured a \$186k National Science Foundation award this year to look at new models for testing a catalyst that will enhance conversation efficiency.

Funding across colleges and university units continues to track past patterns both for level and type of funding (Table 1). A detailed listing of awards is provided at the end of this report beginning on page 4.

Table 1

	Research	Instruction	Other	Total
College of Business	\$ -	\$ -	\$ -	\$ -
College of Education	\$ 24,951.90	\$650,000.55	\$ -	\$674,952.45
College of Engineering and Engineering Technology	\$295,619.85	\$ -	\$ -	\$295,619.85
College of Health and Human Sciences	\$587,781.95	\$355,430.00	\$484,394.00	\$1,427,605.95
College of Law	\$ -	\$ -	\$ -	\$ -
College of Liberal Arts and Sciences	\$4,502,525.33	\$214,053.00	\$8,915,094.80	\$13,631,673.13
College of Visual and Performing Arts	\$ 60,500.00	\$	\$7,900.00	\$68,400.00
Outreach, Engagement and Regional Development	\$195,736.00	\$35,000.00	\$5,408,407.28	\$5,639,143.28
Other Academic Units	\$46,000.00	\$178,170.00	\$356,276.27	\$580,446.27
Other University Units	\$1,638,422.97	\$	\$ 250,000.00	\$1,888,422.97
Total	\$7,351,538.00	\$1,432,653.55	\$15,422,072.35	\$24,206,263.90

ANTHROPOLOGY

University of Central Florida for "SocialSim Modeling / Repast HPC Programming Support."
John Murphy. Award: \$37,569.00. (Cumulative \$116,499.00).

December 11, 2019 – May 31, 2020. (Organized Research) Applied Research.

This project seeks to develop technologies for high-fidelity simulation of on-line social behavior (the spread and evolution of online information) while rigorously testing and measuring simulation accuracy.

CENTER FOR SOUTHEAST ASIAN STUDIES

Bureau of Educational and Cultural Affairs/Department of State for "Southeast Asia Youth Leadership Program." Eric A. Jones. Award: \$499,546.00.

February 20, 2020 – February 19, 2021. (Other Sponsored Activities) Public Service.

This project will fund 60 students from ASEAN nations visiting the US and learning about civic engagement and good governance.

Office of Postsecondary Education/Department of Education for "National Resource Center and Foreign Language and Areas Studies Fellowships." Eric A. Jones. Award: \$621,000.00. (Cumulative \$1,242,000.00).

August 15, 2019 – August 14, 2020. (Other Sponsored Activities) Other.

Funds will continue to be used to support the Center for Southeast Asian Studies.

CENTER FOR THE STUDY OF FAMILY VIOLENCE AND SEXUAL ASSAULT

Illinois Department of Children and Family Services for "Domestic Violence Intervention Program FY2020." Julie L. Crouch. Award: \$545,641.00.

July 1, 2019 – June 30, 2020. (Other Sponsored Activities) Public Service.

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

Futures Without Violence for "Illinois Domestic Violence Co-Location Program – Program Assistant Contract." Julie L. Crouch. Award: \$40,000.00. (Cumulative \$57,505.00).

October 1, 2019 – September 30, 2020. (Other Sponsored Activities) Public Service.

This contract is to add a Program Assistant to the Illinois Domestic Violence Co-Location Program (DVCLP). The purpose of the DVCLP is to improve child welfare interventions provided to families experiencing domestic violence.

CHEMISTRY AND BIOCHEMISTRY

Argonne National Laboratory for "Graduate Student Support in Lead Battery Science Research."
Yingwen Cheng. Award: \$34,332.02. (Cumulative \$71,284.00).

February 4, 2020 - February 3, 2021. (Organized Research) Applied Research.

This graduate research position is primarily defined within the Lead Battery Science Research program, where the project is intended to understand at atomic levels the fundamental limits of lead-acid battery technology and its electrochemical processes.

Argonne National Laboratory for "Investigating the electrolyte solvation behavior for battery materials." Tao Li. Award: \$60,480.00.

December 1, 2019 - November 30, 2020. (Organized Research) Applied Research.

To study the effect of ionic size, charge, and composition on how solvation phenomena and the resulting clustering behavior regulate solubility limits across a range of electrolyte classes, including those containing divalent cations and redoxmer species.

Office of Energy Efficiency and Renewable Energy/Department of Energy for "On-device Lead Detention for Perovskite Solar Cells." Tao Xu. Award: \$109,194.00.

March 1, 2020 - May 31, 2021. (Organized Research) Applied Research.

To develop materials containing strong Pb-absorbing chemical groups and/or chelating agents as sealants on both sides of PSCs for effective capture of leaked Pb upon severe device destruction.

Argonne National Laboratory for "Material Development for Energy Efficiency and Renewable Energy Applications." Tao Xu. Award: \$16,655.64. (Cumulative \$33,199.00).

January 1, 2020 - June 30, 2020. (Organized Research) Applied Research.

The purpose of this project is to prepare, characterize, and improve new materials for energy efficiency and environmental applications.

COMPUTER SCIENCE

Northwestern University for "Education and Outreach for SAGE." Michael Papka/Joseph Insley. Award: \$34,723.00.

October 1, 2019 - September 30, 2020. (Organized Research) Applied Research.

Funds are to design and build citizen science components for SAGE, reusable software components and cyberinfrastructure services to enable deployment of intelligent environmental sensors, including tutorials and documentation on use of components.

National Science Foundation/NSF for "Visualizing Data Relationships Across Multiple Views." Maoyuan Sun. Award: \$175,000.00.

August 31, 2019 - March 31, 2021. (Organized Research) Basic Research.

Funds are requested to investigate how to visualize data relationships across multiple visualizations for supporting data analytics. It will bring an in-depth understanding of the usage of multiple visualizations for sensemaking of data.

CENTER CHILD WELFARE & EDUCATION

Illinois Department of Children and Family Services for "Permanency Enhancement Project FY2020." Angela Baron-Jeffrey. Award: \$50,000.00.

July 1, 2019 - June 30, 2020. (Other Sponsored Activities) Public Service.

This project is looking to ensure the rights of youth in care around issues of representation, with the PEP Program focused on permanency and disproportionality of African American youth.

Illinois Department of Children and Family Services for "Educational Access Project FY 20." Angela Baron-Jeffrey. Award: \$1,044,595.00.

July 1, 2019 - June 30, 2020. (Other Sponsored Activities) Public Service.

Educational Access Project for DCFS FY 2020.

EDUCATION SYSTEM CENTER

Illinois Community College Board for "Perkins Leadership Grant." Jonathan Furr. Award: \$99,750.00).

November 15, 2019 - June 30, 2021. (Other Sponsored Activities) Other.

This grant will fund State Model Programs of Study to perform data analysis.

ENGINEERING TECHNOLOGY

Edward-Elmhurst Healthcare for "New title: Patient Discharge Transportation Process Improvements @ Edward-Elmhurst Healthcare. Former title: Patient Discharge and Post Discharge Process Improvements." Shanthi Muthuswamy/Purushothaman Damodaran. Award: \$52,016.58.

February 1, 2020 - June 30, 2020. (Organized Research) Applied Research.

Two engineers in residence will assist Edward-Elmhurst Healthcare to develop policies and procedures surrounding the patient discharge process.

FAMILY AND CONSUMER SCIENCES

Illinois State Board of Education for "NIU Preschool for All Expansion." Thomas Pavkov. Award: \$5,760.00. (Cumulative \$705,100.00).

July 1, 2018 - June 30, 2019. (Instructional Programs) Instructional Programs.

This project will enhance cohesive and comprehensive early learning opportunities for preschoolers in the DeKalb community.

Office of Postsecondary Education/Department of Education for "CCAMPIS 2018." Thomas Pavkov. Award: \$150,167.00. (Cumulative \$683,621.00).

October 1, 2020 - September 30, 2021. (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.

INDUSTRIAL AND SYSTEMS ENGINEERING

Nobelus LLC for "Optimizing the Slitting Process." Purushothaman Damodaran. Award: \$21,999.60.

January 13, 2020 - May 15, 2020. (Organized Research) Applied Research.

This project aims to create a mathematical model and solution approach to minimize scrap material left over during the process of slitting large rolls of thermal laminating film, implement and test the approach, and train appropriate personnel.

Sterling Medical Products for "Development of Equipment Validation and Verification Procedures." Purushothaman Damodaran. Award: \$21,067.20. (Cumulative \$41,756.00).

February 1, 2020 - May 15, 2020. (Organized Research) Applied Research.

Development of Equipment Validation and Verification Procedures for small manufacturer.

NORTHERN PUBLIC RADIO

Illinois Arts Council for "Public Radio Basic Grant FY20-WNIU." Staci Hoste. Award: \$9,420.00.

October 1, 2019 - August 31, 2020. (Other Sponsored Activities) Public Service.

Funds are used to support high quality public radio programming.

Illinois Arts Council for "Public Radio Basic Grant FY20-WNIJ." Staci Hoste. Award: \$9,420.00.

October 1, 2019 - August 31, 2020. (Other Sponsored Activities) Public Service.

Funds are used to support high quality public radio programming.

P-20 CENTER

Illinois State Board of Education for "ISBE High School to College Success Project." Jason Klein/Benjamin Creed/Kelly Hodgson. Award: \$249,810.00.

January 29, 2020 - September 30, 2020. (Other Sponsored Activities) Public Service.

The purpose of the project is to analyze the relationship between funding and improved college and career readiness, post-secondary enrollment and persistence.

PHYSICS

Argonne National Laboratory for "Piot Joint Appointment NIU-ANL FY20." Phillippe R. Piot. Award: \$78,516.89.

August 16, 2019 - August 15, 2020. (Organized Research) IPA or Joint Appointment.

Funds are being used for a joint appointment between NIU and Argonne in support of Dr. Philippe Piot.

Fermi National Accelerator Laboratory for "High Luminosity (HL) LHC CMS Detector Upgrade Project Endcap Calorimeter." Vishnu V. Zutshi/Alexandre S. Dychkant/Nicholas Pohlman/Iman Salehinia. Award: \$73,902.00.

April 1, 2019 - March 31, 2020. (Organized Research) Applied Research.

NIU will provide test beam support especially in the area of data acquisition software on the High Luminosity LHC CMS Detector Upgrade Project Endcap Calorimeter

Department of Energy for "Phase-space tailoring and cooling of charged-particle beams for energy- and intensity-frontier applications." Phillippe R. Piot. Award: \$105,000.00. (Cumulative \$340,000.00).

April 1, 2020 - March 31, 2021. (Organized Research) Basic Research.

The purpose of the project is to develop techniques to tailor the phase-space distribution of charged-particle beams and investigate cooling technique based on self-field.

Fermi National Accelerator Laboratory for "Development of innovative high-energy magnetized electron cooling for an electron-ion collider." Phillippe R. Piot. Award: \$55,999.00. (Cumulative \$97,999.00).

August 16, 2019 - August 15, 2020. (Organized Research) Basic Research.

Funds are requested to develop innovative, high-energy, magnetized electron cooling system for an EIC.

Cornell University for "Optical Transport and Beam Manipulation for Optical Stochastic Cooling." Piot, Phillippe R. Award: \$54,432.00. (Cumulative \$63,602.00).

October 1, 2019 - September 30, 2020. (Organized Research) Basic Research.

Funds are requested to develop subsystems (laser amplifier and electron-beam bypass beamlines) associated with the Optical Stochastic Cooling technique.

Argonne National Laboratory for "X-ray Photon Correlation Spectroscopy (XPCS) and Grazing Incidence x-ray scattering (GIXS)." Laurence B. Lurio. Award: \$77,485.96.

January 1, 2020 - May 15, 2020. (Organized Research) Applied Research.

Work projects that will be carried out by Prof. Lurio in collaboration with the staff members of XSD-DYS group (Argonne).

Argonne National Laboratory for "Research on Ion Transport in Nanostructured Liquids Observed by X-ray Photon Correlation Spectroscopy." Jyotsana Lal. Award: \$57,782.21.

December 1, 2019 - March 31, 2020. (Organized Research) Applied Research.

This project will use and develop new coherent x-ray methods, such as X-ray Photon Correlation Spectroscopy (XPCS), to observe the high-speed dynamics of complex fluids.

Fermi National Accelerator Laboratory for "Development of the MU2E Preliminary Design." David R. Hedin. Award: \$141,824.14.

January 1, 2020 - December 31, 2020. (Organized Research) Applied Research.

The purpose of this project is to support NIU's role in developing the Muon Beamstop, SiPM Characterization, and design of the Upstream Extinction Monitor.

Argonne National Laboratory for "Synthesis and characterization of superconducting pnictide materials." Omar H. Chmaissem. Award: \$64,754.05.

January 1, 2020 - December 31, 2020. (Organized Research) Applied Research.

Diffuse scattering studies will be performed at the Advanced Photon Source at Argonne National Laboratory and utilizing the novel diffuse scattering instrument Corelli at the Spallation Neutron Source at Oak Ridge National Laboratory.

Universities Research Association, Inc. for "Dark Energy 2020 Project." Prudhvi Raj Varma Chintalapati. Award: \$15,000.00.

January 1, 2020 - December 31, 2020. (Organized Research) Basic Research.

The goal is to understand the nature of cosmic expansion and the nature of Dark Energy by utilizing the data from the Dark Energy Survey experiment.

State University of New York at Stony Brook for "ATLAS Detector Upgrade R&D for High-Luminosity LHC." Dhiman Chakraborty. Award: \$20,166.00. (Cumulative \$117,578.00).

October 1, 2019 - March 31, 2020. (Organized Research) Basic Research.

Funds are requested for assembly and testing of Low-Voltage Power Supply units for on-detector electronics of the ATLAS Tile Hadronic Calorimeter.

State University of New York at Stony Brook for "US ATLAS Operations." Dhiman Chakraborty. Award: \$78,234.00. (Cumulative \$713,612.00).

October 1, 2019 - September 30, 2020. (Organized Research) Applied Research.

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

Argonne National Laboratory for "Nuclear Resonance Time-domain Interferometry." Dennis E. Brown. Award: \$14,084.28. (Cumulative \$27,758.00).

November 1, 2019 - October 31, 2020. (Organized Research) Applied Research.

Will perform quasielastic scattering experiments to extract relaxation times of the vibrational

diffusive motion of atomic systems, measure very soft phonon lattice modes and spin dynamics, and measure extremely small energy shifts on the order of 1 neV.

Cornell University for "Optical Transport and Beam Manipulation for Optical Stochastic Cooling." Phillippe R. Piot. Award: \$9,170.00. (Cumulative \$63,602.00).

October 1, 2019 - September 30, 2020. (Organized Research) Basic Research.

Funds are requested to develop subsystems (laser amplifier and electron-beam dypass beamlines) associated with the Optical Stochastic Cooling technique.

POLITICAL SCIENCE

Jack Miller Center for "Tocqueville Forum at Northern Illinois University." Andrea Radasanu. Award: \$10,000.00.

November 1, 2019 - June 30, 2020. (Other Sponsored Activities) Other.

This project will strengthen the capacity of NIU's publication Compass: An Undergraduate Journal on American Political Ideas as a unique vehicle for fostering intellectual reflection on American founding ideas among undergraduates all over America.

PSYCHOLOGY

University of Michigan for "Teacher Learning to Facilitate Communication and Reasoning Through Inquiry with History and Social Science Sources." Anne Britt/Amanda M. Durik. Award: \$17,491.00. (Cumulative \$145,817.00).

January 1, 2020 - December 31, 2020. (Organized Research) Basic Research.

This project will develop measures and devise scoring procedures to assess teachers' beliefs, conduct case studies, analyze, summarize, and interpret data relevant to teachers' beliefs.

REPORT CARDS

Illinois State Board of Education for "Illinois Interactive Report Card FY20." Alan Clemens. Award: \$1,750,000.00.

July 1, 2019 - June 30, 2020. (Other Sponsored Activities) Public Service.

Innovation and improvement for FY20 in the MyllRC (Illinois Interactive Report Card) data portal with respect to continuous Improvement planning, information-rich student-level PARCC assessment reports, and 21st Century CLC benchmarking tools.

SCHOOL OF ART AND DESIGN

National Art Education Foundation for "An Investigation of Student Learning Through the Creation of Sociopolitical Art." Kerry J. Freedman. Award: \$10,500.00.

July 1, 2019 - June 30, 2020. (Organized Research) Applied Research.

This project focuses on the art and interdisciplinary learning that accrues when high school

students create art with social and political content.

SCHOOL OF HEALTH STUDIES

Illinois Department of Public Health for "A Comprehensive Public Health Approach to Asthma Control Through Evidence-Based Interventions." Sarah Dee Geiger/Arlene Keddie. Award: \$65,000.00.

September 1, 2019 - August 31, 2020. (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."

STUDENT AFFAIRS

Region 1 Planning Council for "Census 2020 Hard to Count." Kelly Wesener-Michael. Award: \$82,577.00.

November 1, 2019 - June 30, 2020. (Other Sponsored Activities) Public Service.

Northern Illinois University's Complete Count Committee (CCC) has prepared a multifaceted approach to reach hard-to-count students within DeKalb County and to provide education and programming to support census completion.