



Board of Trustees

Research and Innovation,
Legal and Legislative Affairs
Committee

November 12, 2020

BOARD OF TRUSTEES OF NORTHERN ILLINOIS UNIVERSITY
Research and Innovation, Legal and Legislative Affairs Committee
10:00 a.m. – Thursday – November 12, 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 August 20, 2020](#) *Action*..... 1
5. Chair's Comments/Announcements
6. Public Comment*
7. University Reports
 - a. [State Legislative Report](#)..... *Information*.....5
 - b. [Federal Legislative Report](#)..... *Information*.....6
 - c. [Sponsored Program Administration Quarterly Report](#) *Information*.....7
 - d. [General Counsel Report](#)..... *Information*.....17
 - e. [Faculty Report](#) *Information*.....18
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. 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
NIU Board of Trustees
Research and Innovation, Legal and Legislative Affairs
COMMITTEE MEETING
August 20, 2020

CALL TO ORDER AND ROLL CALL

The meeting was called to order at 10:12 a.m. by Committee 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. Members present were Board Chair Dennis Barsema, Trustee Montel Gayles, Trustee Veronica Herrero, Trustee Bob Pritchard, Trustee Aidan Shields, Trustee Eric Wasowicz, Committee Vice Chair John Butler, and Committee Chair Rita Athas. Also present were President Lisa Freeman, Committee Liaison and Vice President for Research and Innovation Partnerships Gerald Blazey, General Counsel Bryan Perry, and Board Liaison Matt Streb.

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

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

Trustee Rita Athas: Yes

Trustee John Butler: Yes

Trustee Montel Gayles: Yes

Trustee Veronica Herrero: Yes

Trustee Bob Pritchard: Yes

Trustee Aidan Shields: Yes

Vice Chair Eric Wasowicz: Yes

Board Chair Dennis Barsema: Yes

The motion was approved.

REVIEW AND APPROVAL OF MINUTES

Committee Chair Athas asked for a motion to approve the minutes of the June 18, 2020. Trustee Wasowicz so moved, and Trustee Pritchard seconded. The motion was approved.

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

Trustee Rita Athas: Yes

Trustee John Butler: Yes

Trustee Montel Gayles: Yes

Trustee Veronica Herrero: Yes

Trustee Bob Pritchard: Yes

Trustee Aidan Shields: Yes

Vice Chair Eric Wasowicz: Yes

Board Chair Dennis Barsema: Yes

The motion was approved.

CHAIR'S COMMENTS/ANNOUNCEMENTS

Trustee Athas welcomed the members of the University Advisory Committee representing the Research and Innovation, Legal and Legislative Affairs Committee and requested comments. No members of the University Advisory Committee offered comments. Trustee Athas noted that despite COVID-19 NIU has continued with research despite the challenges. Further, she noted that faculty have engaged with research projects related to COVID-19.

PUBLIC COMMENT

Mr. Roderic Moyer made a public comment.

UNIVERSITY REPORTS

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 reported that by June 1, 2020, more than 100 scholarly spaces and facilities had been safely reopened. He noted that despite the many challenges presented by COVID-19, faculty have been responding to research possibilities with excellent scholarship and innovation and that staff continue to provide outstanding support.

Agenda Item 7.a. State Relations Update

State Legislative Liaison, Jenna Mitchell, reported that lawmakers passed a budget in May at the close of the state's fiscal year. Ms. Mitchell reported that NIU received a flat appropriation of \$87.8 million in general funds and that the budget included flat appropriations for the Monetary Award Program and AIM HIGH. She noted that the budget also included a fix to the FY20 AIM HIGH appropriation, removing the cohort restrictions, which provided NIU expenditure flexibility and autonomy to spend its \$3.8 million allocation on any existing or future cohorts. Ms. Mitchell reported that NIU had received approximately \$8.1 million of its FY21 appropriation from the state and that the budget includes a re-appropriation of all capital projects, authorizing expenditure this year; however, many of those projects remain on hold due to COVID-19 and the specific tax revenue sources necessary to pay for the projects. She noted that the \$7.7 million released and authorized for expenditure on the planning and design of the new health IT building and the \$15 million for the Northern Illinois Center for Community Sustainability has not yet been received, and the \$53 million for deferred maintenance has not yet been authorized for release. She reported that getting capital dollars released is a top priority for State Relations. She reported that NIU will receive \$2.9 million from the Governor's emergency education relief (GEER) fund, created by the Federal CARES Act.

Agenda Item 7.b. – Federal Relations Report

Assistant Vice President for Federal Relations, Dr. Anna Quider, reported that in March, the Families First Coronavirus Response Act and the CARES Act were signed into law. NIU received an allocation of \$14.8 million from the CARES Act, to be spent equally between direct emergency grants to students and institutional expenses related to the pandemic. She reported that there is broad agreement among the House, Senate, and the White House that additional pandemic relief is needed but negotiations have stalled. Dr. Quider noted that the federal FY21 begins on October 1, 2020 and a continuing resolution that funds the government at last year's levels through at least mid-November is expected. Dr. Quider reported that there were two major supreme court rulings this quarter. The Court rejected the Trump Administration's termination of DACA so the policy remains in place for the time being. The Court also ruled that Title VII of the Civil Rights Act of 1964 protects gay and transgender individuals from workplace discrimination.

Agenda Item 7.c. – Sponsored Programs Administration Report

Assistant Vice President for Sponsored Programs, Dara Little, reported that total sponsored funding for FY20 was \$44 million, NIU’s highest level of funding in five years, of which \$7.5 million is COVID-19 related funding. She noted that even without COVID-19 funding, NIU has seen consistent growth in external funding since 2017. Ms. Little reported that NIU received \$44 million in funding that was received through 325 awards that are comprised up of awards between research, instruction and other activities. She noted 383 proposals have been submitted this year, 13 have been for specific COVID-19 relief or research. She noted that NIU anticipates additional proposals for COVID-19 research as the federal and state governments release their aid funds and agencies prioritize research funds. She reported that faculty members from across university departments pivoted aspects of their research to the COVID-19 pandemic and the scope of the work is extremely varied

Agenda Item 7.d. – Innovation Impact Report and Plans

Director of Innovation, Luke Seby, provided a snapshot of the intellectual property portfolio reporting that NIU holds 39 U.S. and 18 foreign patents in its portfolio along with two license agreements and two option agreements. Mr. Seby also reported that a recent innovation impact report by the George W. Bush Institute, Opus Faveo Innovation Development, and Southern Methodist ranked NIU third among peer institutions. He noted that NIU placed third largely because of efficiency, with a heavy reliance on research and teaching productivity coupled with prudent TTO patent prosecution decisions. Mr. Seby discussed recent efforts in prioritization and streamlining of the Innovation Office activities, identifying opportunities to implement best practices in particular with regard to IP management. Mr. Seby reported that future plans for the office of Innovation include playing a key role in the newly-formed Strategic Development Team as well as setting the conditions for long-term innovation success at NIU by leveraging the innovation engines NIU has to offer to build a commercialization capability. Mr. Seby noted that the team is building momentum through FY21, aiming to achieve greater innovation impacts in the coming years.

OTHER MATTERS

Committee Chair Athas 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.

NEXT MEETING DATE

Committee Chair Athas noted that the next meeting will be held on November 12, 2020.

ADJOURNMENT

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

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

Trustee Rita Athas: Yes

Trustee John Butler: Yes

Trustee Montel Gayles: Yes

Trustee Veronica Herrero: Yes

Trustee Bob Pritchard: Yes

Trustee Aidan Shields: Yes

Vice Chair Eric Wasowicz: Yes

Board Chair Dennis Barsema: Yes

The meeting was adjourned at 11:35 a.m.

Respectfully submitted,

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

State Legislative Liaison, Jenna Mitchell, will provide a verbal report.

Agenda Item 7.b.
November 12, 2020

Information

FEDERAL LEGISLATIVE REPORT

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

SPONSORED PROGRAM ADMINISTRATION QUARTERLY REPORT

For the first quarter of FY21, NIU received 37 sponsored awards totaling \$4.6 million (Figure 1). Overall funding is up 24% over this period from last year and research funding is up 14%. A number of this quarter’s awards provide funding for existing NIU programs. No new COVID-19 funding is included in this quarter’s totals. See Table 1 on this report for more information on the status of these funds.

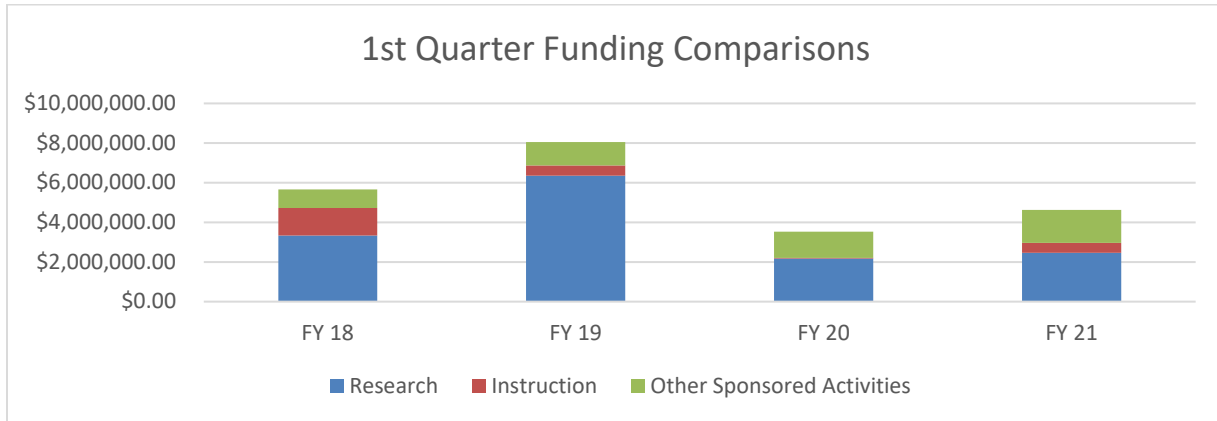


Figure 1

Funding from the U.S. Department of Education (USED) accounted for over half of this quarter’s funding for other sponsored activities (i.e. not research or instruction). See Figure 2. The NIU Pre-Collegiate Upward Bound Office received \$260k from USED that will enable NIU to deliver services to low-income, first-generation and/or disabled students to foster flexible and affordable pathways for college success. In the Center for Southeast Asian Studies, an additional \$620k from the USED will allow the Center to continue providing foreign language fellowships to NIU students. As a new source of local support, the Illinois Criminal Justice Authority is providing funding to faculty in the Department of Kinesiology and Physical Education to establish

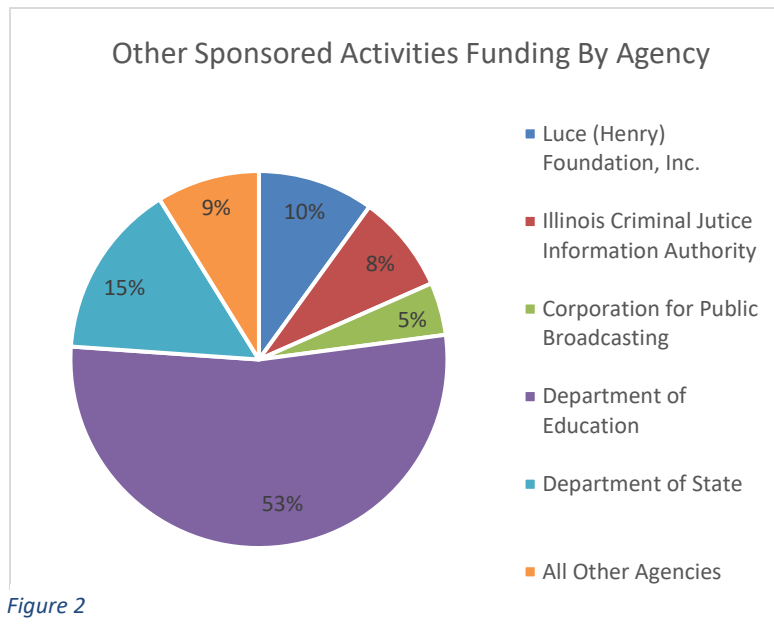


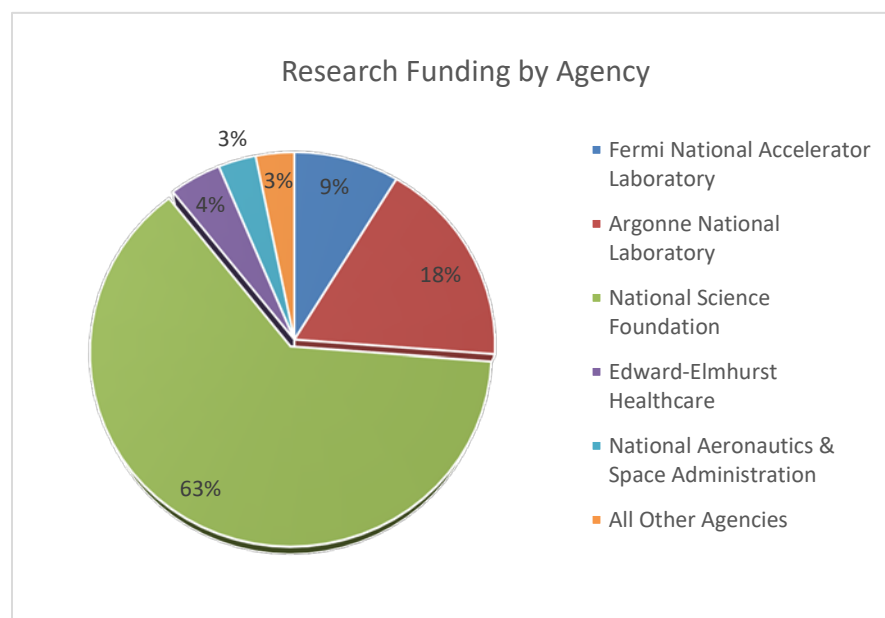
Figure 2

educational programming to promote fitness and health at an area youth center.

The National Science Foundation (NSF) was a significant source of research funding this quarter with NIU receiving six new awards from the Foundation (See Figure 3).

A particularly commendable award is a \$250k NSF grant secured by faculty in the Department of Biological Sciences to acquire a highly specialized

microscope through the NSF's Major Research Instrumentation (MRI) program. The addition of this microscope to NIU's suite of research instrumentation will greatly expand the university's research infrastructure and educational reach. SPA and the Office of the Vice President for Research and Innovation Partnerships



coordinated with university faculty and departments to determine which proposals to move forward to NSF for this highly competitive national research instrumentation program. Support this quarter from Argonne National Laboratory and Fermilab is primarily due to finalizing various faculty joint appointments between the university and laboratories.

A full listing of awards received for the first quarter is available beginning on page 10 of this report.

Faculty and staff have continued to pursue funding to offset the financial impacts of COVID-19 and to explore new research opportunities related to it. Since the pandemic began, SPA has managed \$17 million in COVID-19 related funding actions. Table 1 provides the status of these actions since the pandemic began. As of writing this report, the \$3.4 million that NIU is slated to receive from the Governor's Emergency Education Relief Fund (GEER) is in the process of being awarded. These figures will be reported in the SPA second quarter funding totals that will be provided to the Board during the RILLA Committee meeting schedule on February 18, 2021.

Other pending projects include a request for funding to support the mental well-being of college students during COVID-19 and the exploration of aggressive communication styles and psychology distance in risk communications. Two COVID-19 projects were negotiated between NIU and the Illinois Emergency Management Agency but were ultimately withdrawn.

Table 1

COVID-19 Related Projects (as of 9/30/2020 – FY21 Qtr.1)		
Status	Total	# of Projects
Awarded	\$7,670,396.00	4
<i>CARES*</i>	\$7,487,589.00	2
<i>GEER</i>	\$0	0

Other	\$182,807.00	2
Pending	\$4,116,210.00	10
CARES	\$0	0
GEER	\$3,445,856.00	2
Other	\$670,354.00	8
Declined	\$1,687,962.00	6
Withdrawn	\$3,839,859.00	2
Total Actions	\$17,314,427.00	22

* Table 1 does not include the \$7.4 million student aid portion of the CARES funding. As noted in the August 2020 SPA report, these figures are reported under financial aid. SPA did assist with the submission of this proposal.

Some faculty and staff have had to modify their programs to accommodate delays and disruptions due to COVID-19. Twelve projects have been submitted for no cost extensions due to COVID-19 and the need for additional time to finalize the scope of work. At least one federally funded international clinical trial project had to significantly change the scope to accommodate COVID-19 disruptions. This change of scope required months of coordination between the Principal Investigator, SPA and the federal agency before receiving formal agency approval to proceed with the changes.

In SPA's August report to the Board, our preliminary review of COVID-19 grant expenses and obligations were \$137k. This amount has not changed since our last reporting, suggesting that Principal Investigators may not be incurring significant costs for pausing or restarting their work. SPA will continue to monitor this activity.

Funding across colleges and university units continues to track normal patterns for level and type of funding (Table 2). The College of Engineering and Engineering Technology includes two awards from the National Science Foundation as well as funding from the Illinois Space Grant Consortium through the University of Illinois at Urbana-Champaign that will provide internships and fellowships to NIU students for STEM engagement. The increase in the College of Education includes the previously mentioned project funded by the Illinois Criminal Justice Authority as well as funding through the Rockford Public School District.

Table 2

College/Division	Research	Instruction	Other	Total – QTR. 1 FY 21	Total – QTR. 1 FY 20	%Change
Business	\$0	\$0	\$0	\$0	\$0	0%
Education	\$25,515.95	\$0	\$45,000.00	\$70,515.95	\$24,951.90	183%
Engineering and Engineering Technology	\$571,575.12	\$0	\$0	\$571,575.12	\$57,903.47	887%
Health and Human Sciences	\$0	\$349,670.00	\$44,999.00	\$394,669.00	\$269,227.00	47%
Law	\$0	\$0	\$0	\$0	\$0	0%

Liberal Arts and Sciences	\$1,872,952.60	\$13,905.00	\$1,058,303.00	\$2,945,160.60	2,337,807.57	26%
Visual and Performing Arts	\$0	\$0	\$0	\$0	\$50,000.00	0%
Outreach, Engagement and Regional Development	\$0	\$0	\$345,950.00	\$345,950.00	\$544,631.00	-36%
Other Academic Units	\$0	\$127,780.00	\$165,385.00	\$293,165.00	\$441,869.27	-34%
Other University Units	\$0	\$0	\$0	\$0	\$0	0%
Total	\$2,470,043.67	\$491,355.00	\$1,659,637.00	\$4,621,035.67	\$3,726,390.21	24%

BIOLOGICAL SCIENCES

Directorate for Biological Sciences/NSF for "Collaborative Research: The Roles of Community Assembly and Consumer Impacts in Shaping Ecosystem Function." Holly Jones.

Award: \$458,547.00.

July 15, 2020 - January 31, 2024. (Organized Research) Applied Research.

To determine how community assembly influences ecosystem function by establishing a unique biodiversity experiment informed by field data to create realistic, nonrandom community changes in richness, composition, and functional diversity.

National Science Foundation/NSF for "MRI: Acquisition of a Zeiss LSM 900 with Airyscan 2 for Research and Education at Northern Illinois University." Linda S. Yasui.

Award: \$252,548.00.

August 1, 2020 - July 31, 2023. (Organized Research) Applied Research.

A diverse collection of NIU researchers request NSF major research instrumentation funds to acquire a Zeiss LSM 900 with Airyscan2 confocal laser scanning microscope to vitally improves NIU's research infrastructure and educational outreach.

Illinois Department of Natural Resources for "Multi-site Comparison of Blanding's Turtle Head-starting." Richard B. King.

Award: \$35,303.94.

May 20, 2020 - December 31, 2021. (Organized Research) Applied Research.

Plans are in place for the release of head-started Blanding's Turtles at five sites in northern Illinois. To maximize the information gained from these releases, we seek funds to support monitoring efforts during the 2020 field season.

CENTER FOR GOVERNMENTAL STUDIES

Region 1 Planning Council for "Census 2020 Hard to Count Phase III." Sherrie J. Taylor.

Award: \$9,062.00.

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

The purpose of this proposal is to support Phase III of the Region 1 Planning Commission Complete Count Committee efforts to coordinate an informational campaign to promote a complete and accurate count for the 2020 Decennial Census.

CENTER FOR SOUTHEAST ASIAN STUDIES

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 \$1,863,000.00).

August 15, 2020 - August 14, 2021. (Other Sponsored Activities) Other.

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

Department of State for "PYLP: Engaging Young Advocates in Environmental Preservation and Peacebuilding." Rhodalyne Q. Gallo-Crail/Eric A. Jones.

Award: \$250,000.00. (Cumulative \$829,990.00).

September 17, 2018 - December 31, 2021. (Other Sponsored Activities) Public Service.

Exchange program bringing teenagers and adult educators from the Philippines to the U.S. for exposure to/training in civic education, leadership, diversity, and community engagement, and preparation to conduct projects at home that serve a community need.

CENTER FOR THE STUDY OF FAMILY VIOLENCE AND SEXUAL ASSAULT

Kansas State University for "Department of Defense Family Advocacy Program FASOR/NPSP Quality Assurance Projects." Joel S. Milner/Julie L. Crouch/Randy J. McCarthy.

Award: \$11,529.00. (Cumulative \$1,535,009.00).

September 1, 2017 - August 31, 2021. (Other Sponsored Activities) Public Service.

This project assists the U.S. Air Force to accurately assess child maltreatment and intimate partner violence and implement prevention and treatment.

CHEMISTRY AND BIOCHEMISTRY

Directorate for Mathematics and Physical Sciences/NSF for "Superelectrophiles in the Synthesis of Materials for Organic-Based Electronics." Douglas A. Klumpp.

Award: \$350,000.00.

August 1, 2020 - July 31, 2023. (Organized Research) Applied Research.

Superelectrophilic reactions should be able to provide new architectures of compounds suitable for organic light emitting diodes (OLED) materials and other applications.

Argonne National Laboratory for "NIU to Argonne Joint Appointment: Dr. Tao Li: FY21." Tao Li.

Award: \$73,854.90.

August 16, 2020 - May 15, 2021. (Organized Research) IPA or Joint Appointment.

Funds are being used to support a joint appointment between NIU and Argonne National Laboratory for Dr. Tao Li.

EDUCATIONAL TECHNOLOGY, RESEARCH AND ASSESSMENT

School District #205, Rockford for "Scientific Argumentation in Transportable Invention Space (SAITIS) 3.0 in Rockford School District." Pi-Sui Hsu/Eric M. Lee.

Award: \$25,515.95.

October 5, 2020 - August 31, 2021. (Organized Research) Applied Research.

The purpose of the project is to develop and implement an after-school science program that incorporates maker education and scientific argumentation for middle-school students.

ENGINEERING TECHNOLOGY

Edward-Elmhurst Healthcare for "Patient Discharge Transportation Process Improvements @ Edward-Elmhurst Healthcare." Shanthi Muthuswamy/Purushothaman Damodaran.

Award: \$50,905.26. (Cumulative \$286,835.22).

August 15, 2020 - May 30, 2021. (Organized Research) Applied Research.

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

Edward-Elmhurst Healthcare for "Patient Discharge Transportation Process Improvements @ Edward-Elmhurst Healthcare." Shanthi Muthuswamy/Purushothaman Damodaran.

Award: \$56,250.18. (Cumulative \$286,835.22).

July 15, 2020 - May 30, 2021. (Organized Research) Applied Research.

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

National Science Foundation/NSF for "Collaborative Research: Enhance Design Teamwork Experience in Engineering Education." Shun Takai.

Award: \$179,261.00.

October 1, 2020 - September 30, 2023. (Organized Research) Applied Research.

The goal is to use team effectiveness theory to improve design-team forming methodology and find a team-building design exercise to enhance team member collaboration.

FAMILY & CONSUMER SCIENCES

Illinois Network of Child Care Resource & Referral Agencies for "Development of Alternative Pathways to the Early Childhood Education Credential through Competency-Based Online Modules." Melissa Clucas Walter.

Award: \$44,999.00.

July 22, 2020 - December 30, 2020. (Other Sponsored Activities) Public Service.

Family & Consumer Sciences faculty propose to work collaboratively with faculty from other higher education institutions to develop online modules aligned with the Gateways to Opportunity Early Childhood Credential.

Illinois State Board of Education for "NIU Preschool for All Expansion." Thomas W. Pavkov.

Award: \$349,670.00. (Cumulative \$705,100.00).

July 1, 2019 - June 30, 2021. (Instructional Programs) Instructional Programs.

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

GEOGRAPHIC AND ATMOSPHERIC SCIENCES

DeKalb County Economic Development Corporation for "Graduate Student Internship with DeKalb County Economic Development Corporation." Philip P. Young.

Award: \$13,905.00.

August 15, 2020 - May 14, 2021. (Instructional Programs) Instructional Programs.

This project provides one Graduate Assistant to the DeKalb County Economic Development Corporation (DCEDC) to provide research services of mutual benefit to NIU and the DCEDC.

GRADUATE SCHOOL

Waubonsee Community College for "Graduate Student Placements at Waubonsee Community College." Bradley G. Bond.

Award: \$30,780.00. (Cumulative \$80,238.60).

August 1, 2020 - May 15, 2021. (Instructional Programs) Instructional Programs.

This project provides three Graduate Assistants to Waubonsee Community College to work under the Dean of Students in the areas of Student Affairs (two students), and the under the Athletics Manager to work with the Athletics Trainer (one student).

Illinois Board of Higher Education for "Diversifying Higher Education Faculty in Illinois (DFI) FY2021." Bradley G. Bond.

Award: \$97,000.00.

July 1, 2020 - June 30, 2021. (Instructional Programs) Instructional Programs.

NIU will administer grants awarded by the DFI Program Board to fellows at NIU under the DFI program.

KINESIOLOGY AND PHYSICAL EDUCATION

Illinois Department of Juvenile Justice for "Fitness Leadership Experience (FLEX)." Jennifer M. Jacobs/Zachary Wahl-Alexander.

Award: \$45,000.00.

July 30, 2020 - June 30, 2021. (Other Sponsored Activities) Public Service.

The purpose of the program is to establish mentoring relationships at a youth center to provide educational programming that promotes fitness and health.

MECHANICAL ENGINEERING

Illinois Space Grant Consortium for "NIU/ISGC NASA Internships, Fellowships, and Scholarships, STEM Engagement, Institutional Engagement, Educator Professional Development Project." Donald R. Peterson/Sachit Butail/Benedito J. Fonseca/Lichuan Liu/Suma Rajashankar/John T. Shelton/Bobby Sinko/Mansour Tahernehzadi/Jifu Tan/Ziteng Wang.

Award: \$77,500.00.

April 10, 2018 - April 9, 2021. (Organized Research) Research Training.

Funds are requested to support ISGC's mission to positively influence and support students in the pursuit of space sciences and aerospace engineering careers.

Fermi National Accelerator Laboratory for "FNAL-funded Mechanical Engineering Project for Assistant Professor Saehinia." Iman Salehinia.

Award: \$8,989.00. (Cumulative \$108,450.00).

September 30, 2020 - December 31, 2020. (Organized Research) Applied Research.

Professor Iman Salehinia will lead a team of graduate students in design and analyze components of SRF cryomodules for PIP-II project.

Fermi National Accelerator Laboratory (Fermilab) for "PIP-II Warm Unit Preliminary Design." Nicholas A. Pohlman.

Award: \$59,990.68.

September 1, 2020 - August 31, 2021. (Organized Research) Applied Research.

Funds are requested to advance the design of the PIP-II focusing magnets at FermiLab.

National Science Foundation/NSF for "Cues and Actions for Efficient Nonverbal Human-Robot Communication." Sachit Butail.

Award: \$138,679.00.

September 1, 2020 - August 31, 2022. (Organized Research) Applied Research.

The goal is to perform theoretical and experimental investigation into effective non-verbal communication toward tightly integrated human-machine intelligence.

NORTHERN PUBLIC RADIO

Corporation for Public Broadcasting for "FY20 CARES Stabilization Grant." Staci Hoste.

Award: \$75,000.00.

April 16, 2020 - September 30, 2021. (Other Sponsored Activities) Public Service.

The stabilization funding is being provided to address the emergent situation due to COVID-19.

PHILOSOPHY

Institute for Humane Studies for "Hayek Scholars Fund." Craig D. Warmke.

Award: \$300.00.

August 1, 2020 - August 31, 2020. (Organized Research) Applied Research.

This project will fund the production of what will likely be the first major publication on cryptocurrency by analytic philosophers, which will explain the relevance of cryptocurrencies to Philosophy, Politics, and Economics.

PHYSICS

Argonne National Laboratory for "NIU to Argonne Joint Appointment: Dr. Andreas Glatz: FY 21." Andreas Glatz.

Award: \$95,283.72.

August 16, 2020 - May 15, 2021. (Organized Research) IPA or Joint Appointment.

Funds are being used to support a joint appointment between NIU and Argonne National Laboratory for Dr. Andreas Glatz.

Argonne National Laboratory for "Synthesis, Single Crystal Growth and Diffraction Studies of Multiferroic and Functional Oxides." Omar H. Chmaissem.

Award: \$38,714.00. (Cumulative \$111,441.20).

September 1, 2020 - August 31, 2021. (Organized Research) Applied Research.

This proposal aims to develop the know-how and the precise control of design variables for new multiferroic materials and related functional oxides.

Argonne National Laboratory for "NIU to Argonne Joint Appointment: Dr. Philippe Piot: FY 21." Philippe Piot.

Award: \$84,324.24.

August 16, 2020 - May 15, 2021. (Organized Research) IPA or Joint Appointment.

Funds are being used to support a joint appointment between NIU and Argonne National Laboratory for Dr. Phillippe Piot.

Directorate for Mathematics and Physical Sciences/NSF for "Phenomenology of Electroweak Symmetry Breaking, Supersymmetry, and the Frontiers of the Standard Model." Stephen P. Martin.

Award: \$180,000.00.

September 1, 2020 - August 31, 2023. (Organized Research) Basic Research.

The goal of this project is to conduct research that advances the theoretical understanding of the frontiers of the Standard Model of high energy physics.

Fermi National Accelerator Laboratory for "Chattopadhyay Joint Appointment NIU-FNAL FY20." Swapan Chattopadhyay.

Award: \$147,246.55.

September 1, 2019 - August 31, 2020. (Organized Research) IPA or Joint Appointment.

FY20 Joint Appointment for Dr. Swapan Chattopadhyay.

Argonne National Laboratory for "Fabrication and Characterization of Nanomagnets Samples for Creating Local Magnetic Field in Diamond Anvil Cell." Zhili Xiao.

Award: \$16,951.17.

June 16, 2020 - July 15, 2020. (Organized Research) Applied Research.

Funds will be used to provide service on producing nanomagnets that can induce local magnetic field in a diamond anvil cell.

Argonne National Laboratory for "NIU to Argonne Joint Appointment: Dr Zhili Xiao: FY 21." Zhili Xiao.

Award: \$121,782.78.

August 16, 2020 - May 15, 2021. (Organized Research) IPA or Joint Appointment.

Funds are being used to support a joint appointment between NIU and Argonne National Laboratory for Dr. Zhili Xiao.

PRECOLLEGIATE-UPWARD BOUND

Office of Postsecondary Education/Department of Education for "Student Support Services Program - Regular." Felicia R. Bohanon.

Award: \$261,888.00.

September 1, 2020 - August 31, 2021. (Other Sponsored Activities) Student Service.

This primary purpose of this award is to provide services to low-income, first-generation and/or disabled students to foster flexible and affordable paths to obtaining knowledge and skills in college.

PSYCHOLOGY

Cornerstones of Science for "Patron Experience Pilot (PEP) project." Amanda M. Durik.

Award: \$36,052.00.

February 2, 2020 - December 31, 2020. (Other Sponsored Activities) Public Service.

This project aims to foster interest in earth and space science among public library patrons by implementing evidence-based strategies that are suitable to the public library context.

University of Ottawa for "Parent Engagement in the Learning of Children with ADHD." Julia A. Ogg/Alecia M. Santuzzi/Liz Shelleby.

Award: \$18,096.30. (Cumulative \$22,641.24).

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

This project will examine the reciprocal relationships between parent engagement and child ADHD symptoms, and how these relationships influence academic and social-emotional outcomes over time.

Illinois Criminal Justice Information Authority for "Saving Blue Lives Through Training on Mental Health, Suicide, Resilience, and Peer Support - FY21." Michelle M. Lilly.

Award: \$139,722.00.

July 14, 2020 - June 30, 2021. (Other Sponsored Activities) Public Service.

The Saving Blue Lives Training offers a unique opportunity for law enforcement to learn about risk for PTSD and suicide, as well as how to increase resilience and offer peer support, from a team comprised of a clinical psychologist and a sworn officer.

UNIVERSITY LIBRARIES

Ohio University for "LuceSEA with CORMOSEA/UM." Hao N. Phan.

Award: \$165,385.00. (Cumulative \$338,232.00).

May 11, 2020 - June 5, 2021. (Other Sponsored Activities) Other.

Funding will help to strengthen digital collections on Southeast Asian studies through the documentation of Cham religious rites, digitization of selected palm leaf manuscripts, and development and updating of online language and cultural materials.

Agenda Item 7.d.
November 12, 2020

Information

GENERAL COUNSEL REPORT

General Counsel, Bryan Perry will provide a verbal report.

FACULTY REPORT

Professor of Interdisciplinary Health Professions, Dr. Melani Duffrin will provide a verbal report.