



Board of Trustees

Research and Innovation,
Legal and Legislative Affairs
Committee

August 15, 2019

BOARD OF TRUSTEES OF NORTHERN ILLINOIS UNIVERSITY
Research and Innovation, Legal and Legislative Affairs Committee
11:00 a.m. – Thursday – August 15, 2019
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 7, 2019 *Action*..... 1
5. Chair's Comments/Announcements
6. Public Comment*
7. University Reports
 - a. State Legislative Update *Information*.....9
 - b. Federal Relations Report *Information*.....11
 - c. Sponsored Programs Administration Report *Information*.....14
 - d. Faculty Scholarship Presentation *Information*.....25
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, kcampbell5@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 Karen Campbell, kcampbell5@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
February 7, 2019

1. CALL TO ORDER AND ROLL CALL

The meeting was called to order at 12:13 p.m. by Chair Butler in the Board of Trustees Room, 315 Altgeld Hall. Recording Secretary Cathy Craddock conducted a roll call. Members present were Trustee Nathan Hays, Trustee Robert Pritchard, Trustee Tim Struthers, Board Chair Dennis Barsema, Committee Chair John Butler, and Trustee Veronica Herrero (non-committee member). Absent was Trustee Eric Wasowicz.

Also present were President Lisa Freeman, Vice President for Research and Innovation Partnership Gerald Blazey, Acting General Counsel Greg Brady, and University Advisory Committee Representative Therese Arado.

2. VERIFICATION OF QUORUM AND APPROPRIATE NOTICE OF PUBLIC MEETING

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

3. MEETING AGENDA APPROVAL

Chair Butler asked for a motion to approve the meeting agenda. Trustee Dennis Barsema so moved and Trustee Nathan Hays seconded. The motion was approved.

4. REVIEW AND APPROVAL OF MINUTES

Chair Butler asked for a motion to approve the minutes of November 15, 2018. Trustee Dennis Barsema so moved and Trustee Tim Struthers seconded. The motion was approved.

5. CHAIR'S COMMENTS/ANNOUNCEMENTS

Chair Butler asked for comment. No comments were given by University Advisory Committee representatives.

6. PUBLIC COMMENT

Board Parliamentarian Brady indicated that there were no timely requests for public comment.

7. UNIVERSITY REPORTS

Agenda Item 7.a. – State Legislative Report

Vice President Blazey asked Chief of Staff Matt Streb to present the State Legislative Report. Chief of Staff Streb noted the new legislative session has begun and is very busy with over 2,200 bills introduced in the House alone. This does not include bills to be introduced on behalf of NIU. NIU is currently tracking about 100 bills that could have an impact on NIU. Two bills to be introduced by NIU soon are the property sales bill and the IPAC bill. The day of the meeting, the Senate was taking up the minimum wage bill that would raise the minimum wage over the next six years to \$15.00 per hour. The University is not taking a position on this bill, though we have worked with the governor's office, providing feedback on the financial impact to the university. The impact over six years would be estimated at \$12 million. Governor Pritzker's budget address will be given in the next two weeks. He is pushing for the minimum wage bill to reach his desk before his address. Chief of Staff Streb continued noting the Executive Director of SUCCS Jeff Brownfield and his general counsel visited campus in January, resulting in a very productive

meeting regarding civil service conversion and the challenges faced with the Civil Service code. President Freeman noted it was a collaborative meeting looking at ways that it would be easy for us, without legislation, to work together to help all of NIU's employees advance professionally and to help the University continue to meet its mission.

Trustee Dennis Barsema asked the timeline for hearing about the funding for NIU from the state. Chief of Staff Streb answered it should come with the governor's budget address. It would be the governor's proposal and would not be a final figure.

Chair Butler added that when the meeting occurred with Executive Director Brownfield, the issues discussed at the last board meeting concerning conversion were the significant topics of discussion. He continued by noting he thinks great progress was made in pressing forward with the University's concerns about the conversion of primarily SPS personnel who are working in various research lines and within the Division of Engagement and Outreach. He thanked President Freeman, her team, and Dr. Blazey for the preparation and execution of the meeting. He felt it was extremely productive and he was proud of the leadership for the work that went into it.

Agenda Item 7.b. – Federal Legislative Report

Vice President Blazey noted Dr. Anna Quider was available on the phone for any questions regarding this report. Chair Butler noted the report was written before the government shutdown concluded.

Dr. Quider began noting they are currently in a three-week reprieve from the government shutdown and another budget deal needs to be reached by February 15 to provide funding for those agencies affected by the shutdown. Current reports say the President and Congressional negotiators are reaching a deal with an internal deadline of February 8 to allow time for the normal legislative process to meet the February 15 deadline. The shutdown delayed the release of the President's Fiscal Year 2020 budget request. Expected release of the budget request is in March due to staff at the White House Office of Management and Budget being furloughed during the shutdown. The budget is normally released in February.

Chair Butler asked if any existing programs at the university have been adversely impacted by the shutdown. Vice President Blazey noted there has been no impact other than delayed solicitation dates. The National Science Foundation and its agencies have started rolling back deadlines to accommodate the delay.

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

Chair Butler noted the Sponsored Programs Administration Quarterly Report included in the RILLA committee report. Vice President Blazey highlighted the cumulative funding for the year is \$22.2 million, up 12% from FY18. Overall sponsored funding is up 3% as well.

Board Chair Barsema asked if we are on track of expectations for the year. Assistant Vice President Dara Little answered we are on track. Research funding continues to inch up. They have been waiting on several consistent large state funding contracts to come in, and those came in the 2nd quarter putting the total at the \$20 million mark for the year. Some things are still outstanding, but they hope to be at last year's level at the end of the fiscal year. Trustee Barsema asked if that is where we forecasted to be at the beginning of the year. Assistant Vice President Little confirmed this.

Agenda Item 7.d. – NICCS Update

Vice President Blazey gave Northern Illinois Center for Community Sustainability (NICCS) update. He started with an overview of the make up of the network. NICCS is a hub of Illinois' Innovation Network (IIN). The largest and leading hub in the network will be the Discovery Partners' Institute (DPI), located south of the Chicago loop. Both IIN and DPI were initiated by

the University of Illinois system. DPI received \$500 million dollars in state appropriations in June 2018. Other existing hubs are located at the Urbana-Champaign, Chicago and Springfield campuses of the University of Illinois (U of I) system. NICCS is currently the only hub outside the U of I system. A proposal for the DPI and four hubs has been submitted to and is under review by the Illinois Department of Commerce and Economic Opportunity (DCEO).

NICCS will occupy a 30,000 sq. feet research facility, tentatively cited for construction on the west campus. Total cost of the facility is \$22.9 million, with \$15 million in the request to DCEO and \$7.9 million provided by NIU in new resources and in-kind contributions.

Organization of the IIN and DPI programs is progressing quickly since the last Board update. NIU has participated in all four meetings convened by the U of I system for the IIN and DPI to update the plans. Vice President Blazey continued, “The first IIN meeting was held November 28th at the temporary DPI site on 200 South Wacker and was open to all the public universities and featured announcement of a solicitation for additional hubs from those universities and I can say they were somewhat gob smacked that they were being invited to propose these hubs. The meeting also included preliminary discussions of IIN goals and governance. The second IIN meeting was held at the U of I-Springfield hub on November 30th and it focused on a three-year proposal named ENGAGE, which is not really an acronym, but they’re calling it ENGAGE for distributed computing models to enable collaboration between hubs. So that would include the board band pipe, internet pipes, as well as the video conferencing capabilities. I’m hopeful NICCS can serve as a first site or prototype site for ENGAGE. In a third meeting, the U of I system graciously invited NIU to a DPI working group retreat on December 10th, dedicated to the development of programs around DPI themes. That was particularly welcome because DPI is an internal U of I hub and for them to reach out for our involvement was quite encouraging. And we participated in the working group on food and agriculture. The third IIN meeting, also in Springfield, was January 24th with a primary goal of fully launching IIN in 2019. The meeting was attended again by all the other public universities, each of which had individually submitted their own hub proposals. The meeting included discussion of the official information of launch of the Illinois Innovation Network, IIN governance, opportunities for hub collaboration, funding needs and opportunities, and initial activities of the IIN. Governor Pritzker made a video appearance and expressed his support for IIN in several strong statements.”

The DCEO and the U of I system are still finalizing the first proposal with funding still expected this fiscal year. A third agency, Gamby, reviews contracts for compliance and regulatory issues. This has made a delay as that is worked out. A second proposal will be submitted to DCEO for all additional hubs. Outcomes from the meetings include an initial governance structure for the IIN, including the formation of an IIN council with representation from each hub and initial sets of working groups for the IIN including: Education and Workforce Development; Entrepreneurship and Corporate Engagement; Funding and Government Relations; and Research Collaborations and Technology Transfer. Each hub will be invited to nominate or assign staff to work on each working group. Follow-up for the meeting includes a joint press release announcing the launch of IIN, scheduling the first meeting of the council, and the population of the working groups. He noted it is an interesting development because it creates a public university organization for all campuses to work together toward a common goal, creation of the IIN. On December 14 and January 23, President Freeman and Vice President Blazey participated in ceremonies at the DPI site, marking the partnerships of Tel Aviv University and Hebrew University with the DPI, making the IIN international.

Planning has begun at NIU for the design of the NICCS facilities and programs. An oversight and strategy group has been charged to oversee the development and operation of NICCS. The group has met once to review the charge and again to begin the process of engaging stakeholders, particularly faculty, staff and the public, in the design of the facility and programmatic activities.

Facilities Management and Campus Services, responsible for the construction of NICCS, have begun the selection process for an A&E firm. NIU and staff from the U of I's College of Agricultural, Consumer and Environmental Sciences (ACES) will meet next week to discuss the collaboration around one of the three themes of NICCS, food systems. Discussion is also underway to ensure NICCS and the proposed DeKalb County Food and Education Center are fully integrated. In summary, IIN promises a statewide university collaboration in which NIU has good representation, and internally, NIU is working toward realization of NICCS with the first operation steps. No questions or comments were received from the Trustees.

Agenda Item 7.e. – Faculty Artistry Presentation

Vice President Blazey introduced the item, noting faculty are invited from time to time to describe the impact of their scholarship on their discipline, the University, and our students. Assistant Professor Kay Martinovich will present today. She has been at NIU for five years, is head of Performance, and teaches acting and directing classes at NIU. An award-winning Chicago-based director and accomplished author, she will present on her current work, in production in downtown Chicago.

Assistant Professor Martinovich: “Good afternoon, and thank you so much for this opportunity to speak in front of this committee. The title of my presentation is: “To Practice What I Teach, Directing the Chicago Premier of Critically Acclaimed Play About Dementia”.

This past Tuesday night, I opened “The Father”, a theater production about aging and dementia, a subject matter of which I am familiar, and which relates to this country’s changing demographics and its affects. The play’s impact has already proven to be unsettling and profound as our audiences are put in the shoes of the dementia patient himself. In November 2017, I was asked to direct the Chicago premiere at the nationally recognized Remy Bumppo Theater Company following critical acclaim of the show in Paris, London and New York. As the director of *The Father*, I expand the body of knowledge in my field by my original concept and realization of the production by bringing my professional experience to my students and by enlisting several of my NIU colleagues and NIU alumni to be part of the production team. My involvement in *The Father* thus includes all three tiers of education: Research, including on aging and dementia; Artistry, the overall vision, original concept and design collaboration; and Scholarship, rehearsal room experience to the university classroom and vice-versa. This presentation focuses on how my directorial practice on the show impacts me professionally as well as my students and colleagues in the School of Theater and Dance and the CVPA and NIU communities overall.

In *The Father*, Andre, the play’s title character, and his adult daughter, Anne, must navigate the changing relationship as they move into a new territory called aging. Florian Zeller’s play engages with many things including loss, what it means to remember, and most crucially, the notion of perception and the ever-shifting ways we think we know something or someone. The challenges of growing older alongside a parent overlap with the pain of no longer seeming to be you anymore. Called a new form of thriller, the play takes the audience on a multifaceted journey of pathos and laughter along with a bit of intrigue and suspense.

Founded in 1996, Remy Bumppo Theater Company produces art in order to advance deeper understanding of the human condition and to elevate cultural discourse. The company’s tag line is “think theater”. It’s perfect for me. And they’re critically and publicly respected reputation is built on their consistent, high-quality presentations of the works of important playwrights. The vision of Remy Bumppo is to be a locally and nationally recognized arts organization based in Chicago renowned for world class theater and for excellence in ethical, inclusive arts aligned business practices in mentorship, and in championing the humanities in the community. Thus, being asked to direct for such a prestigious company was indeed an important career opportunity for me.

As I advance professionally, I am uniquely positioned to engage my colleagues at the School of

Theater and Dance in my productions as well as numerous NIU alumni. On this production alone, I have enlisted NIU professors Brandon Wardell as Lighting Designer, Jeremy Floyd as Costume Designer, Dr. Bob Schneider as Dramaturg, NIU BFA design tech alum Jamie Karis as Props Designer, NIU MFA acting alum Alys Dickerson as the character of Laura, and current MFA GA in costume design Liz Galba as Assistant Costume Designer. So, as you see it's a very NIU influenced production. Hence, this production not only showcases what NIU Theater is all about, but also elevates the status of our NIU Theater program in the most exciting theater town in America. As with any business there's a hierarchy of theater in Chicago. Directing at Remy Bumppo, located in the top tier of theater companies in Chicago, following Goodman, Stephan Wolf, Chicago Shakes, Writer's Theater, Victory Gardens, Northlight, Looking Glass, and Court Theaters, all those are ahead of Remy Bumppo, but they're being right behind them has allowed my work and the work of my colleagues and NIU alumni to be published in front of a new and broader audience and has brought our professional game to a new level.

Research. So, entering the design process, I was interested in many different artists. And primary among them was this artist named Kazimir Malevich who I've not really heard of before and I don't know how I happened upon him in the NIU library, I just did, and it was quite happenstance for me because it was one of the influencing design concepts for me. He's a Russian artist in the early twentieth century whose project was to play with geometric shapes in movement and that for him illicit a supremacy of feeling. Thus, his movement was called Supremacist Art, and these are some of his artworks if any of you are familiar. So, they are geometric shapes in space that for him illicit a supremacy of feeling. They're all very much – some of them are more complex than others and these are copies. Obviously, you don't see the great color in them, but I have a couple more here that just really are striking in terms of what color he's working with. Another artist I was drawn to conceptionally, which seems to be in complete contrast, is Jackson Pollock. With his drip paintings and the frenzied nature in them, Pollock too was interested in what it feels like to observe his paintings. And so, this is one that I really liked a lot that I kind of drew inspiration from and that is this. And so, if you know anything about dementia and the brain, it kind of reminded me of what's going on with the brain in terms of all these – all the firings of what's going on or the misfiring's of what's going on in the brain of the dementia patient. So, what I did in terms of design working with my NIU designer colleagues was to look at how we can utilize the pops of colors from Malevich throughout the set costume and lighting design; and then as the play progresses to look how we can start to lose the pops of color as the main character slips ever more slowly into the world of dementia and a lack of color. I worked with NIU Lighting Designer Brandon Wardell and the technical crew to have the effect of these moving particles of light which is what the Pollock painting reminded me of during the numerous scene transitions which relate to the Pollock paintings scholarship.

Working on a professional production in Chicago impacts my students in numerous ways. First of all, as a working professional, I'm constantly learning in the field. I am able to bring what I learned to the classroom. For example, one of the points of excellence in the NIU BFA and MFA acting program is that students are trained to be emotionally open and prepared and to be able to authentically work moment by moment under the imaginary circumstances of the given text. What I learned on this production by working with our MFA alum is that sometimes the director, me, needs an actor to hit a point or a line exactly the same way every single time. And that comes into conflict a little bit when you're just looking to emotionally express what's happening in the moment. So, what this requires is precision and technical skill and is a point of the training that I believe is not as emphasized in our program as other elements. So, what I will do, based on this learning, is when I work with students here either in scene work in class or in student productions is to effectively train them - number one, how to work with directors who don't necessarily work the way we do or have the same language as we do here at NIU, and number two, to be able to hit the mark and to not necessarily feel it each and every time. The value of having working

practitioners as faculty as opposed to professional academics in our program is that we have to constantly learn ourselves and then report back from the field what we discover. Therefore, the more I get to expose myself to the process of learning and having to learn in the field, the more lightbulbs of discovery go off and I am able to bring that to the classroom and to NIU productions. Second of all, and what seems to be on the flip side and to quote *The King and I*, “By your students you’ll be taught”. I also learn from my students and bring that knowledge into the professional world. On this production of *The Father*, my students taught me to be more one with them in the process of working on a role. For example, the actor playing the character of Pierre wanted to discuss the motivation of his character, why he would move at a certain line, or why he would speak a line in a certain way. Even though he’s an established, well-known professional actor in Chicago, I made it a point to work with him slowly and closely as he needed the extra time and attention to do what he needed to do for the role. The importance of the practice of patience when working with actors is something I engage with regularly with NIU students in the classroom and productions, and thus it is evident that a two-way street exists between the professional rehearsal room and the university classroom. The magnificent thing about the arts is that we artists are in constant discovery mode not only about what we think about the world, but also what and how we think about the art itself.

I’ll end today’s presentation with the good news that our production of *The Father* has been Jeff Recommended which is pretty cool in Chicago. The designation of Jeff Recommended is given to a production when after the opening night of its run at least one element of the show that is acting, directing, design, was deemed excellent by the opening night judges of the Joseph Jefferson Committee. The entire production is then eligible for nomination for awards at the end of the season. Thus, a Jeff award could be in the offing for Brandon’s lighting design, Jeremy’s costume design, Alys’ performance as Laura, or my direction. But we’ll have to wait until October to find out. That’s it. Thank you very much. Last, but not least, I have brochures and flyers for anyone who is interested in seeing the show.”

Committee Chair Butler thanked Assistant Professor Martinovich for the presentation. He noted he saw the production on Sunday after reading the play. He is interested in her concept of the overall design of the production. He asked her to talk more about that.

Assistant Professor Martinovich: “When I read the play, they call it a puzzle box mystery and it really is a puzzle and reading it, it took me a few times to read it just to know what’s going on, because it’s not the easiest read, first off. I don’t know if anyone had a chance to read it, but it’s not an easy read. So, when I first read it, I’m struck by that because that’s what an audience is going to get possibly when they see it. It’s really like the blank page for a writer. It’s like okay, I’ve got this, now what do I do? I’m not ever sure exactly. But one of the things that I knew exactly I wanted to do, the design needed to be seamless. Some of the elements that you saw, this idea of things have to move in the space and very effortlessly be able to do that so that we don’t see the mechanics of what is going on. So that’s one of the things that – it was really important to me that there was some kind of seamlessness to the design. So, with that we do take place in a French apartment. It takes place in Paris. So, this idea that okay, well, I wanted this modern aesthetic, very clean lines, because I had this idea of seamless kind of thing and how things are moving in this space. So, then my set designer and I started looking at French apartments and seeing what we could do in terms of furniture and in terms of just the overall design of the space. She initially had it very much like a – like this, like a block, like this. We’re in a presidium space which is the audience is straight up and she had it blocked like this and the couch was right there and I’m like uh – it’s just those kinds of plays kind of don’t do it for me because I’m like okay that’s very ordinary. So, I said what if – and because of the idea of perception and we’re not quite sure what’s going on, we need to kind of go like this to it. So that’s the idea of this angled perspective in the space that was really important that I get out of the, kind of like seeming, box of a living room set, and that I was able to, and so she would bring over her little model and I’d be like what about this,

and what about this, and so we'd work together on how to get the exact space of it to line up with what I have in my mind in that space. It's not a large space, the stage itself, but there's a lot of mechanics to it which if you see it, I don't want to give it away, but there are a lot of mechanics that had to accommodate the things that happen, so we had to use backstage space, because right back stage of the stage is the dressing room. So, we only had the space of the stage to work with. So, there's a lot of limits on what we could do with the space in terms of that. But in terms of overall concept of design, it was this idea of seamlessness, this idea of modern aesthetic, when I found Malevich it was like oh color, oh you know the grays and colors and how can we kind of punch that and then it happened. I mean if you saw the New York production, it would not be this production at all. I've seen pictures of this production. I didn't want to be influenced by it, but I did see some pictures and it doesn't look anything like it. So, ours is a very, it's a very original concept and design from the very beginning because of this initial idea of this seamless, color, color starts to go away, that kind of thing. I don't know it that answers your question."

Board Chair Barsema asked how many plays she has directed and if this is the largest stage of stature she has directed. Assistant Professor Martinovich stated she previously worked for Irish Repertory of Chicago for six years before they lost funding and closed. It was on par with the Remy Bumppo, but the reputation of the Remy Bumppo is really good, having been around for over 20 years. She noted pitching yourself as a director is like pitching yourself as an actor. She noted she has directed over 30 productions. Board Chair Barsema noted it is great for NIU students to receive the wealth of her experience. Assistant Professor Martinovich continued, "It's a great fit because I ran an acting studio before I came here, and the Meissner work is the acting technique is what we do here is the studio work that I did. Actually, Deborah Robertson if anyone knows Deborah Robertson, she actually taught at my studio back in the nineties and I actually taught for Kathryn Gately a couple times in the last nineties not knowing that years later I'd be here. So, it is a perfect match and the proximity to Chicago and allow students to come see work and for students to be involved and to engage my colleagues here, it's just perfect."

President Freeman: "I want to say that was a wonderful presentation. I want to just reflect on two aspects of it. The first is if you look at the research, vision for the university and you think about changing demographics in terms of age demographics and you think about the role of Arts and Humanities in our research vision as interpreting our changing world, this is an excellent example of how performing arts help us grapple with the same type of aging and place issues that the College of Health and Human Sciences is addressing through their social service type of research. I also want to say you did a beautiful job of explaining what it means to have a College of Visual and Performing Arts near Chicago theater able to engage students and actors. I want to share with you that last month, I got to see Joan Allen who is an actor/graduate of our MFA program, perform in *Waverly Place*, which is a play which takes a slightly different approach to address the theme of dementia and aging in place, and as I heard you speak about what you did with the scenes, I thought of how Elaine May in that play is costumed and colored and the art and to show that fading in. And so, you gave me more insight into something I was able attend with an NIU group, and I just encourage you to sort of make that connection to Joan and to that play because I think it would be a very rich dialogue. I'm so proud that we have NIU alums addressing contemporary topics in such a well-respected way. Assistant Professor Martinovich thanked President Freeman.

Trustee Herrero noted she is looking forward to seeing the production.

Committee Chair Butler concluded the discussion by noting he saw the play with his mother. She noted the paintings on the wall with the splotches of color, and that they would have meaning in the play. He said it was interested to hear the design concepts behind those. Assistant Professor Martinovich said, "It's really interesting, because initially, the set designer wanted the colors of the other set, the gray and whites in there, and it was actually Jeremy, the costumer, who said wouldn't it be much better if we had more color in there because we have so much color in the

flower painting? And I'm like 'oh my gosh' and it's how collaboration actually works. I'm like 'oh my gosh yes, yes, yes!' And so, when we get the color, and I talk to our set designer, Yu Shibagaki, I said, 'Can we get some color in there?' She said let me think about it and I'm like okay. I said please can we get and then she came back with that and I'm like yes, yeah. And then Jeremy said, 'Oh, you got your Malevich in there!' I said no not really, but yeah, that's how it works." Committee Chair Butler thanked her again.

8. OTHER MATTERS

No other matters were discussed.

9. NEXT MEETING DATE

The next meeting of the Committee is scheduled for May 9, 2019.

10. ADJOURNMENT

Chair Butler asked for a motion to adjourn. Trustee Robert Pritchard so moved and Trustee Dennis Barsema seconded. The motion was approved. The meeting adjourned at 12:57 p.m.

Respectfully submitted,

Cathy Craddock
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

2019 Legislative Session Overview

This past spring session, NIU was tracking the status of nearly 20% of the over 6,000 bills filed in Springfield. The session brought many issues to the forefront of discussions at the state level, and there were many successes that came out of the legislative session including the following achievements:

1. Engagement with more than one-third of the 175 members of the General Assembly.
2. Passage of legislation that will allow NIU and its sister institutions to sell unused property and retain the funds for costs associated with maintenance. As of July 25, this legislation was on the Governor's desk awaiting signature into law.
3. Successful advocacy for increased operating appropriations and new capital funding for NIU's top priority new capital project, as well as a discretionary lump sum for renovations and repairs at a level exceeding the requested industry-standard Plant Replacement Value.
 - a. The 5 percent increase for NIU operations is the largest increase received from the State in nearly two decades.
 - b. This is the first time since Fiscal Year 2010 that NIU has received new capital funding.
4. Successful advocacy efforts to oppose various pieces of legislation as filed, including mandates that would have prohibited the University from taking criminal history of applicants into consideration, or required a prescribed, one-size-fits-all approach to remedial education and course placement.
5. The planning and execution of NIU's first Advocacy Day in Springfield, which was attended by 38 advocates including alumni, students, faculty, staff and campus leadership.
6. The passage of an AIM High trailer bill with language drafted by NIU, mitigating internal concerns over funding for the program in out-years.

Key legislative issues worth mentioning include the following:

- Admission of Illinois high school graduates in the Top 10 percent of their class(es)
- Criminal history in application and admissions process
- Developmental education initiatives
- Discovery Partner's Institute, the Illinois Innovation Network and the Northern Illinois Center for Community Sustainability (NICCS)
- FAFSA mandate for Illinois high school students
- Gaming expansion and legalization of sports betting
- Joint Taskforce on Higher Education Supplier Diversity
- Legalization of recreational cannabis
- Mandates pertaining to mental health support services
- Minimum wage
- Passage of the Retention of Illinois Students and Equity (RISE) Act
- Sale of university-owned property
- Sales tax incentives for data centers
- Teacher licensure testing and assessment reform

Ongoing Initiatives

While the regular legislative session for 2019 has concluded, a number of state relations initiatives remain ongoing, including the following:

- Collaboration with the other public universities on issues including data collection, legislative agenda construction, and the newly formed coalition for Illinois higher education.
- Two fall retreats for the Illinois public university legislative liaisons.
- Joint in-district meetings with the University of Illinois' state relations members to discuss the economic impact of higher education with various representatives and senators, including all members of the bicameral Higher Education Working Group.
- In-district meetings with members of the NIU Caucus and planning of upcoming Caucus events.
- Coordination with the NIU Alumni Association's advocacy committee on various fall and spring events.
- Updating advocacy materials and NIU's legislative agenda for the spring 2020 session.
- Discussions with the Governor's Office regarding its various higher education initiatives, most specifically including plans for a unified application as well as interest in each university's capital project priorities.

Spring 2020 Initiatives and Goals

For the upcoming session, we anticipate many of the issues discussed this past year will again resurface, and anticipate additional issues being brought to the forefront. In terms of NIU's proactive agenda, the following goals are proposed:

1. Continue to cultivate understanding for increased investment in higher education among members of the General Assembly with the intent of receiving a funding increase for Fiscal Year 2021.
2. Achieve the release of state capital funding for immediate priorities requiring the release of funds in Fiscal Year 2020.
3. Begin to advance legislation that will streamline Grant Accountability and Transparency Act (GATA) reporting requirements with federal reporting requirements in order to reduce workload and increase efficiencies for grant processing.
4. Work with various stakeholders to identify ways in which supplier diversity goal attainment can be increased.
5. Yield a higher percentage of consistent engagement and support from NIU Caucus members.

The Board of Higher Education has also presented possible legislative agenda items to the Illinois Public University Presidents and Chancellors Group, in hopes of collaborating on these various items in the upcoming session. While there has not yet been formal agreement or coordination discussed, the items proposed by IBHE for consideration include the following:

- Review of the Truth-in-Tuition Act
- Reinstatement of Certificates of Participation
- Strengthening of academic needs assessment procedures for out-of-state institutions seeking to offer programs in Illinois
- Reform of current statutory administrative procedures pertaining to auxiliary (non-state) capital project approval for projects exceeding \$2 million

FEDERAL RELATIONS REPORT

The following report covers work conducted by the Northern Illinois University Office of Federal Relations (OFR) from July 1, 2018 – June 30, 2019. During this period, OFR worked in Washington, DC, and on campus to advance NIU's federal policy priorities; connect NIU students, faculty, and administrators to policymakers; and raise awareness of NIU's strengths among federal policymakers and the broader national higher education and science policy community.

By the Numbers

- 3 – Congressional receptions featuring NIU
- 12 – Meetings/engagements between federal agencies or national organizations and NIU visitors to Washington, DC.
 - Agencies: Department of Energy (x2), Department of State, National Science Foundation (x2), U.S. Supreme Court, White House Office of Science and Technology Policy
 - National Organizations: American Association for the Advancement of Science, American Chemical Society, National Academies of Science, Engineering, and Medicine, The Science Coalition, US Chamber of Commerce Foundation
- 6 – Visits to NIU by dignitaries: Senator Durbin, Senator Duckworth, Rep. R. Davis, Rep. Foster, Rep. Kinzinger, Rep. Underwood
- 10 – Off-campus meetings between Members of Congress and NIU: Senator Durbin, Senator Duckworth, Rep. Bacon, Rep. Bustos, Rep. Casten, Rep. Foster, Rep. Garcia, Rep. Kelly, Rep. Krishnamoorthi, Rep. Underwood
- 43 – Meetings on Capitol Hill for NIU visitors to Washington, DC
- 150 – Meetings between OFR Director Anna Quider and staff from congressional offices, the Administration, and federal agencies or requests for information from federal staff

Advocacy

OFR facilitated NIU's advocacy on the most pressing federal policy issues facing higher education during this period. Those issues include:

- appropriations for Fiscal Year 2019 and Fiscal Year 2020, including navigating the longest federal government shutdown in United States history (35 days) and raising the budget caps imposed by the Budget Control Act of 2011
- preparing for the reauthorization of the Higher Education Act
- immigration issues, including the Deferred Action for Childhood Arrivals (DACA) program and international students and faculty.

The advocacy efforts of OFR, in concert with many other institutions and organizations across the country, were generally successful, although these remain ongoing issues. Appropriations for FY2019 saw year-on-year increases to research-focused agencies as well as sustained support for student aid programs and international education. FY2020 appropriations negotiations are ongoing but are looking positive for NIU equities. The reauthorization of the Higher Education Act is proceeding slowly in both chambers of Congress, and it is unlikely to coalesce before 2020. The Supreme Court is expected to hear a DACA-related case in November 2019, although the only widely accepted permanent solution is legislative action by Congress, which is unlikely before the Supreme Court ruling.

OFR utilized a multipronged approach to address these issues. NIU engaged policymakers individually and collectively with the University of Illinois system, University of Chicago, Northwestern University, and other Illinois institutions, as well as through ten national coalitions.

NIU provided a uniquely compelling and recognized perspective at the nexus of high-quality education, world-class research, and educational opportunity for Illinoisans.

Student Engagement

Providing enriching opportunities for students is a priority for OFR. Notably, 2019 is the fourth year of a partnership between OFR and OSEEL that brings one student to Washington, DC, for the Catalyzing Advocacy in Science and Engineering (CASE) workshop run by the American Association for the Advancement of Science (AAAS). This workshop offers exceptional introductory science policy training and national networking opportunities: of the other 63 participating research universities, all but one is classified as Carnegie Doctoral – Very High Research Activity, including University of Illinois – Urbana-Champaign and Northwestern University from Illinois and household names such as MIT, Cornell University, and the University of California, Berkeley. 2019 is also the fourth year OFR assisted with the annual Political Science student spring break trip to Washington, DC. In 2019, OFR organized a private tour and meeting with a Foreign Service Officer who is an Iran policy expert at the Department of State as well as a private tour of the Supreme Court. OFR also sponsored the Science Policy Scholarship for two science, technology, engineering, or mathematics (STEM) students to attend the trip.

OFR also works directly with students. For five consecutive years, OFR has partnered with the Political Science Department to identify one undergraduate student to intern with OFR each academic year; the 2018-2019 intern was Ian Pearson. For the first time, OFR had an undergraduate intern for the summer of 2018, named Terra Wilhelm. OFR works with the President's Office to place four NIU-sponsored congressional interns in Illinois congressional offices every summer. Finally, OFR works to bring our expertise to campus by leading an annual federal policy workshop for NIU's undergraduate research students every summer, occasional guest lecturing, and mentoring students interested in national scholarships or policy careers in Washington, DC.

Events

There were three events during this time period that showcased NIU to an audience of national policymakers in Washington, DC.

- In July 2018, Vice President Jerry Blazey presented the Champion of Science Award to Rep. Bill Foster (IL-11), a national award that NIU co-nominated him for, in front of an audience of over 100 attendees including Under Secretary for Energy Paul Dabbar, Chief Operating Officer of the National Science Foundation Fleming Crim, and five Members of Congress.
- In March 2019, OFR partnered with the NIU Alumni Association and the NIU Foundation to host a reception on Capitol Hill to showcase our federally funded research enterprise and to unite current students, university leadership, alumni, and friends. Our congressional co-hosts were NIU alumni Senator Tammy Duckworth, Rep. Don Bacon (NE-2), and Rep. Robin Kelly (IL-2), and both Representatives attended and offered remarks. Among the ninety attendees were Congressman Bill Foster (IL-11), the Ambassador to the United States from the Republic of the Union of Myanmar, dignitaries from the Embassy of the Philippines and the Embassy of Thailand, staff from eleven congressional offices as well as representatives from the Association of Public and Land-grant Universities, American Association for the Advancement of Science, and the National Science Foundation.
- In April 2019, Professor Ralph Wheeler presented his work on Capitol Hill at the annual Coalition for National Science Funding (CNSF) showcase of National Science Foundation-funded programs. He met with Rep. Bill Foster (IL-11) and National Science Board Chair Prof. Diane Souvaine as well as over 100 attendees from congressional offices, federal agencies, and higher education and scientific organizations.

Leadership

OFR Director Anna Quider provided additional value to NIU through leadership of two national organizations. Director Quider served as President for 2018 of The Science Coalition. She presently serves on the Executive Committee of the APLU Council on Governmental Affairs. Finally, she was appointed in 2018 by the British Ambassador to the United States to the Marshall Scholarship Selection Committee for the Washington, DC, region.

A brief quarterly federal policy update will be provided in person at the RILLA Committee meeting.

SPONSORED PROGRAMS ADMINISTRATION REPORT

Sponsored Programs Administration is pleased to report that total sponsored funding continues to increase with FY 2019 awards totaling \$35.5 million. The increase represents a 17% gain over FY 2018 (figure 1) and is the result of the hard work of our faculty and staff.

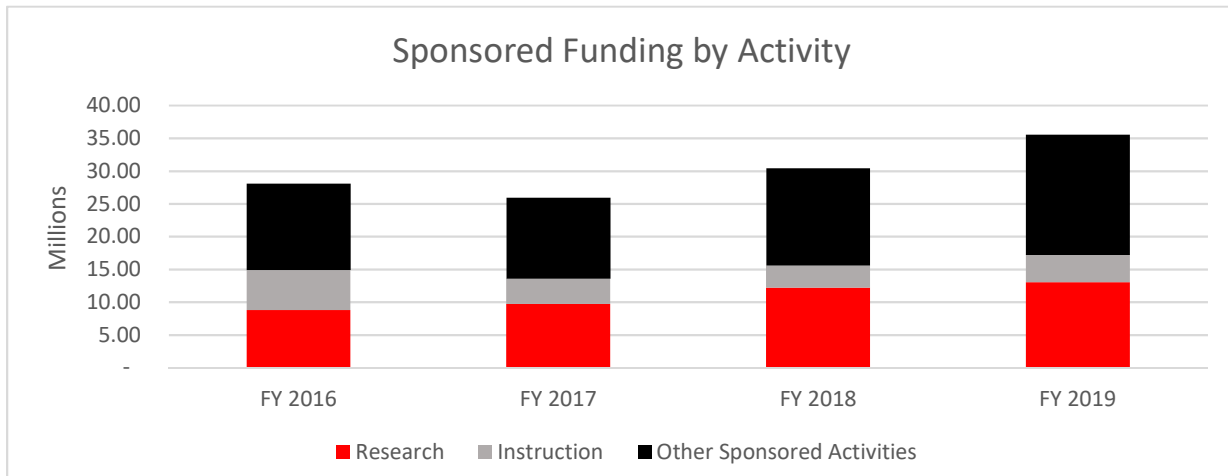


Figure 1

Consistent with NIU’s portfolio, the Federal government and State of Illinois continue to be dominant funders of sponsored activities (figure 2). This year, State of Illinois funding increased 48% over last year with most of the funding coming from the State Board of Education, Department of Children and Family Services, and Department of Public Health. These funds support research, instruction and service programs.

Federal funding increased 8% over last year continuing its steady growth and providing most of the university’s research support. A couple areas of notable funding growth include Argonne National Laboratory and Fermilab along with the National Institutes of Health (NIH). The National Science Foundation (NSF) continues to be a strong funder of NIU research, and this year NSF funds were also awarded to provide STEM scholarships to underrepresented students.

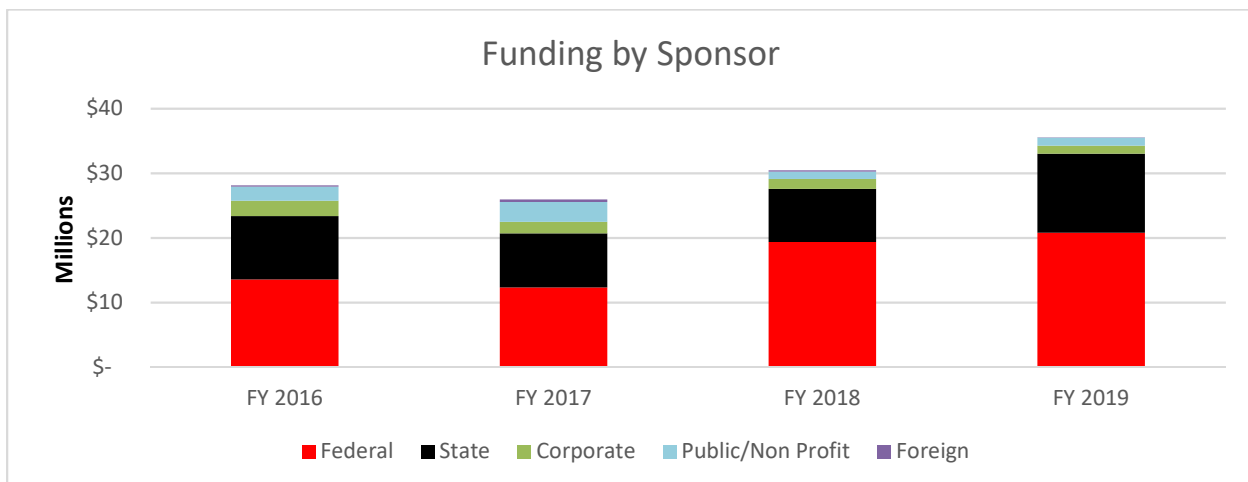


Figure 2

The College of Health and Human Sciences (CHHS) and Division of Outreach, Engagement, and Regional Development (OERD) were the primary recipients of this year’s increase in State of Illinois funding. Faculty in CHHS received \$2.8 million in State funding to carry out statewide behavioral risk factor surveys and \$244k for preschool programming. OERD’s P-20 center received \$1.8 million for migrant education programs. Increases were seen in other areas of the university as well. For example, College of Law received a competitive award to provide students from underrepresented and disadvantaged backgrounds with tools for law school matriculation.

Table 1

All Funding by College/Unit	FY 2016	FY 2017	FY 2018	FY 2019
Business	1,337,433	1,280,000	1,205,684	608,926
Education	1,651,836	1,256,519	1,436,900	885,166
Engineering and Engineering Technology	1,270,012	1,040,649	1,069,004	1,000,562
Health and Human Sciences	710,995	1,061,556	985,147	4,306,545
Law	509,050	-	-	124,842
Liberal Arts and Sciences	11,383,805	14,958,920	16,050,245	18,193,992
Outreach, Engagement, and Regional Development	8,663,927	3,458,615	7,105,531	8,251,168
Visual and Performing Arts	8,000	73,670	135,859	125,293
Other Academic Units	2,526,037	2,815,161	2,449,422	2,053,585
Other University Units	36,527	10,000	1,000	8,969
Total	28,097,622	25,955,090	30,438,792	35,559,054

The distribution of research funding by college/unit (table 2) remains consistent for NIU’s portfolio with most of the funding secured by faculty in the College of Liberal Arts and Sciences. This includes growth in funding from Argonne and Fermilab. The behavioral risk factor surveys previously noted along with a new NIH award contributed to the increase in research funding for CHHS.

Table 2

Research Funding by College/Unit	FY 2016	FY 2017	FY 2018	FY 2019
Business	4,933	-	295,684	5,900
Education	78,181	48,714	436,525	76,805
Engineering and Engineering Technology	839,085	822,449	733,166	673,837
Health and Human Sciences	672,913	754,917	660,024	3,258,352
Liberal Arts and Sciences	361,940			
Life, Physical and Mathematical Sciences	4,207,576	5,081,365	5,712,154	6,178,566
Social Sciences and Humanities	882,235	1,002,206	1,681,238	811,317
Visual and Performing Arts		45,550	127,659	90,093
Outreach Engagement, and Regional Development	27,501	250,667	691,586	337,281
Other Academic Units	1,691,180	1,686,366	1,874,618	1,626,497
Other University Units	10,000	10,000	-	-
Total	8,775,544	9,702,234	12,212,654	13,058,650

Federal funding accounted for 70% of NIU's total research funding, with the top five funding agencies being National Science Foundation, Illinois Department of Public Health, U.S. Department of Commerce, Argonne National Laboratory, and National Institutes of Health. Table 3 provides a breakout of funding by sponsor. Given the number of sponsors, the list includes only those providing at least \$100k. SPA can provide additional information on the other sponsors upon request.

Table 3

Sponsor	Total
National Science Foundation	\$ 3,189,927
Illinois Department of Public Health	\$ 2,884,667
U.S. Department of Commerce	\$ 1,576,747
Argonne National Laboratory	\$ 1,237,953
National Institutes of Health	\$ 1,066,215
Fermilab	\$ 765,059
U.S. Department of Energy	\$ 447,001
U.S. Department of Health and Human Services*	\$ 401,612
Lake County Forest Preserve District	\$ 188,694
Mi-Jack Products, Inc.	\$ 122,000
American Chemical society	\$ 110,000
Power Solutions International	\$ 102,797
All other sponsors	\$ 965,978
Total	\$ 13,058,650

*Agency for Healthcare, Research, and Quality (AHRQ) and Centers for Medicare and Medicaid Services (CMMS)

A full listing of awards received for the 3rd and 4th quarters of FY 2019 is appended to this report. Awards received prior to this were already reported to the Board.

Anthropology

Wenner Gren Foundation for "Narratives of Plenty: Desalination, Techno Optimism, and Palestinian Israeli Waterscapes." Emily McKee.

Award: \$19,795.00.

September 1, 2019 January 15, 2020. (Organized Research) Basic Research.

This project investigates the sociopolitical and phenomenological implications of desalination.

Biological Sciences

Lake County Forest Preserve District for "Monitoring and Assessment of Blanding's Turtle Populations 2019 at Spring Bluff Forest Preserve." Richard B. King.

Award: \$18,693.95.

April 1, 2019 November 1, 2019. (Organized Research) Applied Research.

The purpose of this project is to provide field data collection and reporting as an assessment of the presence of fauna species in forest preserves in Lake County.

Lake County Forest Preserve District for "Ecological Assessment of District Lands 2019 2021."
Richard B. King.
Award: \$169,999.50.
April 1, 2019 March 31, 2022. (Organized Research) Applied Research.

NIU team will provide wildlife field data collection, analysis of current and historic wildlife and habitat management data, in multiple Lake County forest preserves.

Illinois Department of Natural Resources for "Inventory of Amphibians and Reptiles in the Green River Conservation Opportunity Area." Richard B. King.
Award: \$71,479.00. (Cumulative \$136,754.00).
January 1, 2019 December 31, 2019. (Organized Research) Applied Research.

To promote the development of the Green River Conservation Opportunity Area as a model for the protection and recovery of species of greatest need of conservation within the Grand Prairie Natural Division of Illinois.

National Aeronautics & Space Administration for "Chlorophyll d as a model for biosignature evolution." Wesley Swingley.
Award: \$71,960.00.
February 13, 2019 February 12, 2020. (Organized Research) Basic Research.

To study phototrophic oxygen production both on Earth and exoplanets using the cyanobacterium Acaryochloris to assess how it extends the limits of oxygenic photosynthesis and how its photosynthetic apparatus performs at the minimum of water oxidation.

Center for Southeast Asian Studies

Department of State for "Leading and Organizing for Change in Southeast Asia." Eric Jones,/Gena A. Flynn.
Award: \$6,650.00. (Cumulative \$710,535.00).
September 1, 2018 October 31, 2018. (Other Sponsored Activities) Public Service.

Participants from SE Asia will learn about civic engagement in the US through the study of US history through written resources, visits to historical sites, hands on volunteering and civic activism, and interaction with inspiring civic leaders.

Center for the Study of Family Violence and Sexual Assault

New York University for "Obtaining Self Reports of Intimate Partner Violence in United States Military Families Phase III." Joel S. Milner.
Award: \$27,592.00.
September 1, 2018 August 31, 2019. (Organized Research) Applied Research.

Phase III of project entitled Obtaining Self Reports of Intimate Partner Violence in United States Military Families.

Chemistry and Biochemistry

Argonne National Laboratory for "Studying the Pore Formation of Atomic Layer Deposited Overlayer." Tao Li.
Award: \$45,360.00.
May 16, 2019 May 15, 2020. (Organized Research) Applied Research.

This project will study the atomic layer deposition (ALD) overcoated catalyst with high resolution synchrotron X ray diffraction (XRD) technique.

Argonne National Laboratory for "Graduate Student Support in Lead Battery Science Research."
Tao Xu.

Award: \$36,952.45.

February 4, 2019 February 3, 2020. (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.

Child Development and Family Center

DeKalb County Community Foundation for "Kindergarten Readiness Toolkit Grant Application."
Diane Mathison.

Award: \$896.03.

April 1, 2019 December 31, 2019. (Other Sponsored Activities) Public Service.

This project will provide kindergarten readiness kits for students before they go to kindergarten.

Community Coordinated Child Care for "Continuous Quality Improvement Program Plan (2019)."
Amy Lofthouse.

Award: \$5,379.34.

May 6, 2019 June 28, 2019. (Other Sponsored Activities) Public Service.

This project will provide children in the infant and toddler classrooms with varied developmentally appropriate materials that will allow for quality learning and experiences. Request is based upon self assessment using the Environmental Rating Scale.

Altrusa Club of DeKalb Sycamore, Illinois for "2019 Literacy Grant Application." Amy Lofthouse.

Award: \$300.00.

May 5, 2019 June 30, 2019. (Other Sponsored Activities) Public Service.

The intent of this project is to create story baskets and replenish many of the favorite children's books on CD.

Community Coordinated Child Care for "Continuous Quality Improvement Program Plan (2019)."
Kristin Schulz.

Award: \$5,774.81.

May 9, 2019 June 28, 2019. (Other Sponsored Activities) Public Service.

This project will provide children in the infant and toddler classrooms with varied developmentally appropriate materials that will allow for quality learning and experiences. Request is based upon self assessment using the Environmental Rating Scale.

College of Business, Dean's Office

Werner Co. for "Executive MBA Contract Courses." Anthony Preston.

Award: \$27,500.00.

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

Aon Hewitt for "Executive MBA Contract Courses." Anthony Preston.
Award: \$27,500.00.
July 1, 2018 June 30, 2019. (Instructional Programs).

National Express LLC for "Executive MBA Contract Courses." Anthony Preston.
Award: \$27,500.00.
July 1, 2018 June 30, 2019. (Instructional Programs).

Restoration Tools for "Executive MBA Contract Courses." Anthony Preston.
Award: \$27,500.00.
July 1, 2018 June 30, 2019. (Instructional Programs).

Easterseals Joliet Region for "Executive MBA Contract Courses." Anthony Preston.
Award: \$27,500.00.
July 1, 2018 June 30, 2019. (Instructional Programs).

Epsilon Marketing for "Executive MBA Contract Courses." Anthony Preston.
Award: \$27,500.00.
July 1, 2018 June 30, 2019. (Instructional Programs).

ValMatic for "Executive MBA Contract Courses." Anthony Preston.
Award: \$27,500.00.
July 1, 2018 June 30, 2019. (Instructional Programs).

Gathering Grounds Cafe for "Executive MBA Contract Courses." Anthony Preston.
Award: \$27,500.00.
July 1, 2018 June 30, 2019. (Instructional Programs).

Mars Wrigley Confectionery for "Executive MBA Contract Courses." Anthony Preston.
Award: \$27,500.00.
July 1, 2018 June 30, 2019. (Instructional Programs).

Baxter Healthcare Corporation for "Executive MBA Contract Courses." Anthony Preston.
Award: \$27,500.00.
July 1, 2018 June 30, 2019. (Instructional Programs).

Sedgwick Claims Management for "Executive MBA Contract Courses." Anthony Preston.
Award: \$27,500.00.
July 1, 2018 June 30, 2019. (Instructional Programs).

TouchPoint360 for "Executive MBA Contract Courses." Anthony Preston.
Award: \$25,526.33.
July 1, 2018 June 30, 2019. (Instructional Programs).

Panasonic for "Executive MBA Contract Courses." Anthony Preston.
Award: \$27,500.00.
July 1, 2018 June 30, 2019. (Instructional Programs).

University of Chicago Medicine for "Executive MBA Contract Courses." Anthony Preston.
Award: \$27,500.00.
July 1, 2018 June 30, 2019. (Instructional Programs).

Brenntag Great Lakes for "Executive MBA Contract Courses." Anthony Preston.
Award: \$27,500.00.
July 1, 2018 June 30, 2019. (Instructional Programs).

Salesforce for "Executive MBA Contract Courses." Anthony Preston.
Award: \$27,500.00.
July 1, 2018 June 30, 2019. (Instructional Programs).

Brian Bemis Automotive Group for "Executive MBA Contract Courses." Anthony Preston.
Award: \$27,500.00.
July 1, 2018 June 30, 2019. (Instructional Programs).

Libsys, Inc. for "Executive MBA Contract Courses." Anthony Preston.
Award: \$27,500.00.
July 1, 2018 June 30, 2019. (Instructional Programs).

Nutramax Laboratories for "Executive MBA Contract Courses." Anthony Preston.
Award: \$27,500.00.
July 1, 2018 June 30, 2019. (Instructional Programs).

Nalco Chemical for "Executive MBA Contract Courses." Anthony Preston.
Award: \$27,500.00.
July 1, 2018 June 30, 2019. (Instructional Programs).

University of Chicago Medicine for "Executive MBA Contract Courses." Anthony Preston.
Award: \$27,500.00.
July 1, 2018 June 30, 2019. (Instructional Programs).

Monsanto for "Executive MBA Contract Courses." Anthony Preston.
Award: \$27,500.00.
July 1, 2018 June 30, 2019. (Instructional Programs).

College of Health and Human Sciences, Dean's Office

Altarum Institute for "MACRA: Quality Improvement Direct Technical Assistance." Kathryn Mazurek.
Award: \$308,843.00. (Cumulative \$908,702.00).
February 16, 2019 February 15, 2020. (Other Sponsored Activities) Public Service.

Through participation in the MACRA Provider Resource Network, NIU will provide clinicians in rural Illinois with customized direct technical assistance and peer level support to deliver care in a patient centric and efficient manner.

Illinois Department of Public Health for "Illinois Behavioral Risk Factor Surveillance System (IL BRFSS)." Kathryn Mazurek.
Award: \$395,066.44.
April 1, 2019 April 30, 2020. (Organized Research) Applied Research.

Data collection, data management, reporting and technical support on the Illinois Behavioral Risk Factor Survey System (IL BRFSS) conducted April 2019 through March 2020.

Computer Science

Argonne National Laboratory for "System Software Integration and Development." Nicholas T Karonis/Michael Papka.

Award: \$189,354.62. (Cumulative \$837,193.00).

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

The purpose of this project is to provide support to ANL's Advanced Integration Group through contributions to cobalt scheduling, port operational assessment reporting, and MPI support.

Curriculum and Instruction

DeKalb County Community Foundation for "Jerry L. Johns Literacy Clinic Kinesthetic Learning Project." Kristine Wilke.

Award: \$856.92.

February 12, 2019 December 31, 2019. (Other Sponsored Activities) Public Service.

The purpose of the project is to purchase supplies to support the Clinic's services to enhance literacy through kinesthetic instructional methods.

Educational Technology, Research, and Assessment

Miaoli County Government Education Department, Taiwan for "Immersive Knowledge Network Opening the World." Wei-Chen Hung.

Award: \$7,923.82. (Cumulative \$57,924.00).

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

This project develops a student leadership and diversity awareness development program that allows Taiwanese high school students to become champions of an accepting, equitable learning community.

Electrical Engineering

Fermi National Accelerator Laboratory for "Modeling Astrophysical Systems with Deep Learning." Mansour Tahernezehadi.

Award: \$9,195.49.

January 1, 2019 May 15, 2019. (Organized Research) Applied Research.

Funds are used to support Graduate Assistant Andres Alba Hernandez in the development of python code for data analysis and machine learning tasks in support of Fermilab directed Research and Development.

Geographic and Atmospheric Sciences

MetLife, Inc. for "Extended Range Tornado Activity Forecast Model." Victor Gensini.

Award: \$20,000.00. (Cumulative \$40,000.00).

August 1, 2019 July 31, 2020. (Other Sponsored Activities) Testing/Evaluation.

Funding is for a pilot project to provide access to forecast models through a unique portal in order for the company to evaluate business usability.

Village of Carol Stream for "GIS Design and Implementation for the Village of Carol Stream." Philip P. Young.

Award: \$41,131.44. (Cumulative \$41,131.00).

May 1, 2019 April 30, 2020. (Organized Research) Applied Research.

This project will create maps for the Village of Carol Stream and provide an engaged learning opportunity for Geography graduate and undergraduate students.

Geology and Environmental Geosciences

National Science Foundation for "Collaborative Research: REU Site: Water Resources and Quality in the Riviera Maya, Mexico." Melissa E. Lenczewski.

Award: \$130,645.00.

September 1, 2019 August 31, 2020. (Organized Research) Applied Research.

To provide an opportunity for STEM undergraduate students interested in water sciences to carry out laboratory and field research under the supervision of faculty mentors from NIU, Northeastern Illinois University, and CICY.

Industrial and Systems Engineering

Suncast Corporation for "Standardizing and Improving Warehouse Operations." Purushothaman Damodaran/Christine Nguyen.

Award: \$7,500.00.

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

Northwestern Medicine for "EVS Throughput Improvement." Shi-Jie Gary Chen.

Award: \$2,500.00.

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

CST Storage for "Foundation & Structure Line Packing Improvements." Purushothaman Damodaran/Christine Nguyen.

Award: \$7,500.00.

July 1, 2019 June 30, 2020. (Instructional Programs).

SKF Tools for "Automation and Safety Improvement in SKF Testing Lab." Purushothaman Damodaran/Christine Nguyen.

Award: \$7,500.00.

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

SPX Flow for "SPX FLOW Makino Capacity Analysis." Purushothaman Damodaran/Christine Nguyen.

Award: \$7,500.00.

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

Custom Aluminum Products for "Improving Actual Anodize Revenue." Purushothaman Damodaran/Christine Nguyen.

Award: \$7,500.00.

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

Motorola Solutions for "Manufacturing Efficiency Improvements on High Variation Lines at Motorola Solutions Inc.." Purushothaman Damodaran/Christine Nguyen.

Award: \$7,500.00.

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

Aurora Specialty Textiles Group, Inc. for "Streamlining Packaging & Shipping Processes and Optimizing Inventory Storage." Purushothaman Damodaran/Christine Nguyen.

Award: \$7,500.00.

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

Woodward, Inc. for "Designing a cell for LPC Metering." Purushothaman Damodaran.
Award: \$7,500.00.

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

SPX Flow for "Increasing Productivity of the Stone Assembly Line at SPX FLOW."
Purushothaman Damodaran.

Award: \$7,500.00.

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

Village of Tinley Park for "Lean Six Sigma Yellow & Green Belt Workshop." Purushothaman Damodaran.

Award: \$34,500.00.

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

Aurora Specialty Textiles Group, Inc. for "Lean Six Sigma Yellow Belt Workshop." Purushothaman Damodaran.

Award: \$7,500.00.

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

Woodward, Inc. for "Lean Six Sigma Yellow & Green Belt Workshop." Purushothaman Damodaran.

Award: \$20,900.00.

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

Woodward, Inc. for "Lean Six Sigma Black Belt Workshop." Purushothaman Damodaran.

Award: \$33,000.00. (Cumulative \$33,000.00).

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

Six Sigma for "Lean Six Sigma Yellow, Green & Black Belt Workshops." Purushothaman Damodaran.

Award: \$123,325.00.

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

Woodward, Inc. for "Air Valve Test Sequencing & Logistics." Purushothaman Damodaran/Christine Nguyen.

Award: \$7,500.00.

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

Mechanical Engineering

Fermi National Accelerator Laboratory for "Engineering Design of Mu2e Degradar." Nicholas Pohlman.

Award: \$12,750.00.

June 1, 2019 May 31, 2020. (Organized Research) Applied Research.

The project PI will mentor an NIU graduate student who will work with Fermilab physicists and engineers to complete the design in order to estimate costs of fabrication, potential installation of components, and testing of control systems.

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

Award: \$99,461.00.

April 10, 2019 September 30, 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.

Aurora Specialty Textiles Group, Inc. for "Designing a Water Treatment Facility for Aurora Specialty Textiles Group." Kyu Taek Cho/Purushothaman Damodaran.

Award: \$23,826.60. (Cumulative \$60,780.00).

June 1, 2019 December 31, 2019. (Organized Research) Applied Research.

This project will provide the optimal system design of wastewater treatment for ASTG to satisfy the discharge requirements of the Yorkville Sanitary District.

P 20 Center

Illinois State Board of Education for "Migrant Education State Grant Program." Susana Das Neves/Amy Jo Clemens.

Award: \$59,119.07.

July 1, 2018 June 30, 2019. (Other Sponsored Activities) Public Service.

The purpose of the funds is to provide migrant children a comprehensive year round school program with academic and supportive services including tutoring and/or enrichment activities.

Illinois State Board of Education for "FY19 Title I Migrant Summer." Susana Das Neves/Amy Jo Clemens.

Award: \$119,956.00.

April 1, 2019 August 31, 2019. (Other Sponsored Activities) Public Service.

The federally funded Migrant Education Program (MEP) provides supplemental education and supportive services to migrant children during the summer.

Illinois State Board of Education for "Migrant Education Incentive." Susana Das Neves/Amy Jo Clemens.

Award: \$2,261.00.

April 1, 2019 August 31, 2019. (Other Sponsored Activities) Public Service.

Funds will be used to expand on and supplement services and activities under the Migrant Education summer grant.

Illinois Community College Board for "Transitional Math CTE." Kathleen Almy.

Award: \$64,072.05.

July 1, 2018 September 30, 2019. (Other Sponsored Activities) Public Service.

NIU will work with ICCB to complete and report on the technical math scan of the community college system that began in FY2018. They will work with others to implement strategies, create open source learning materials and authentic math tasks

Physics

State University of New York at Stony Brook for "ATLAS Detector Upgrade R&D for High Luminosity LHC." Dhiman Chakraborty.

Award: \$34,581.00. (Cumulative \$97,412.00).

February 1, 2019 September 30, 2019. (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.

Argonne National Laboratory for "Development of a damping ring free electron injector for Future Linear Colliders." Phillippe R. Piot.

Award: \$4,000.00.

June 1, 2018 May 31, 2019. (Organized Research) Basic Research.

The purpose of the project is to finalize the conceptual design of a GeV class electron injector capable of attaining electron bunch with the required properties without having to rely on the currently envisioned 6 lm long damping ring parameters.

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: \$115,356.00. (Cumulative \$228,288.00).

October 1, 2018 March 31, 2019. (Organized Research) Applied Research.

Funds will be used on R&D for the SiPM on Tile design and will involve design, fabrication and testing of prototype dimpled tiles that will be directly coupled (i.e. in a fiberless fashion) to Silicon Photomultipliers.

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

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

Award: \$33,576.37.

May 16, 2019 August 15, 2019. (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 "High pressure effects on nitrogen vacancy centers in diamond." Zhili Xiao/Roxanna Fotovat.

Award: \$30,000.00. (Cumulative \$30,000.00).

December 17, 2018 September 30, 2019. (Organized Research) Applied Research.

Develop a novel instrument that will enable highly sensitive magnetization measurements in diamond anvil cell (DAC) by incorporating NV centers into diamond pieces of the DAC and using microwave to excite the NV centers and optically detect the resonance.

National Science Foundation for "Frustration and Crystallization of Vortices in Artificial Spins / Superconductor Hybrids." Zhili Xiao.

Award: \$410,531.00.

July 1, 2019 June 30, 2022. (Organized Research) Applied Research.

This project will pioneer a new direction in the field of superconductivity by utilizing the reconfigurable magnetic charge ices to create frustrated and crystallized superconducting vortices with controllable vortex dynamics.

Fermi National Accelerator Laboratory for "Modeling and Analysis of Data in support of Muon g 2." Michael Syphers.

Award: \$20,000.00.

May 15, 2019 February 14, 2020. (Organized Research) Applied Research.

Funds are used to support graduate student assistant Ben Simons for work on the Muon g 2 project at Fermi National Accelerator Laboratory.

Brookhaven National Laboratory for "Search for Pair Production of Higgs Bosons Through Vector Boson Fusion Using the Final State with the ATLAS Detector." Puja Saha/Dhiman Chakraborty.

Award: \$5,400.00. (Cumulative \$16,200.00).

October 1, 2019 December 19, 2019. (Organized Research) Basic Research.

Funds are requested to search for pair production of Higgs Bosons through Vector Boson fusion using the final state with the ATLAS detector.

Argonne National Laboratory for "Research on Ion Transport in Nanostructured Liquids Observed by X ray Photon Correlation Spectroscopy." Jyotsana Lal.

Award: \$43,336.67. (Cumulative \$57,782.00).

March 1, 2019 June 30, 2019. (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.

Argonne National Laboratory for "Structural Investigations of Advanced Functional Materials using Neutron and X ray Scattering." Omar H. Chmaissem.

Award: \$41,017.37. (Cumulative \$160,626.00).

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

This project supports the research and supervision activities of NIU's Professor Omar Chmaissem within the Neutron and X ray Scattering (NXRS) Group of the Materials Science Division at Argonne National Laboratory.

Department of Energy for "Studies of Conventional and ERL Based Recirculator Electron Cooling for an Electron Ion Collider." Bela Erdelyi.

Award: \$55,000.00. (Cumulative \$421,000.00).

August 15, 2019 August 14, 2020. (Organized Research) Applied Research.

Funds are requested to continue the development of PHAD with large scale parallelization on hybrid architecture computer clusters, enhancing the performance and fidelity of electron cooling simulations.

State University of New York at Stony Brook for "US ATLAS Operations." Dhiman Chakraborty.
Award: \$165,108.00. (Cumulative \$635,378.00).
February 1, 2019 September 30, 2019. (Organized Research) Applied Research.

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

National Science Foundation for "Searches for New Phenomena at the Energy Frontier." Dhiman Chakraborty/Jahred Adelman.
Award: \$350,000.00. (Cumulative \$550,000.00).
August 1, 2019 July 31, 2020. (Organized Research) Applied Research.

Funds are requested to search for physics beyond the Standard Model using the ATLAS detector at the Large Hadron Collider.

National Science Foundation for "REU Site: Undergraduate and teacher research in physics at Northern Illinois University." Jahred Adelman/Michael Eads.
Award: \$88,389.00. (Cumulative \$157,216.00).
May 1, 2019 April 30, 2020. (Organized Research) Research Training.

This project aims to fund a new REU site, based at the Department of Physics of Northern Illinois University.

Brookhaven National Laboratory for "US ATLAS Post Doc Support/ANL." Jahred Adelman.
Award: \$70,000.00.
April 10, 2019 September 30, 2020. (Organized Research) Applied Research.

The activity focuses on running physics event generators on next generation HPC machines, with a particular focus on HL LHC physics, making use of accelerator technologies and speed up of code necessary for large scale event generation for the HL LHC.

Argonne National Laboratory for "Research on Ion Transport in Nanostructured Liquids Observed by X ray Photon Correlation Spectroscopy." Jyotsana Lal.
Award: \$14,445.33. (Cumulative \$57,782.00).
June 1, 2019 June 30, 2019. (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.

Precollegiate and Upward Bound

Office of Postsecondary Education/Department of Education for "Upward Bound Program." Felicia R. Bohanon.
Award: \$40,000.00. (Cumulative \$1,661,541.00).
June 1, 2018 May 31, 2019. (Other Sponsored Activities) Public Service.

Funds will be used to identify, select and serve 120 low income, potential first-generation college students who lack the adequate preparation to successfully pursue a postsecondary education and need academic support.

Office of Postsecondary Education/Department of Education for "Upward Bound Program."
Felicia R. Bohanon.
Award: \$564,041.00. (Cumulative \$1,661,541.00).
June 1, 2019 May 31, 2020. (Other Sponsored Activities) Public Service.

Funds will be used to identify, select and serve 120 low income, potential first-generation college students who lack the adequate preparation to successfully pursue a postsecondary education and need academic support

Office of Postsecondary Education/Department of Education for "Upward Bound Program."
Felicia R. Bohanon.
Award: \$22,004.00. (Cumulative \$1,661,541.00).
June 1, 2018 May 31, 2019. (Other Sponsored Activities) Public Service.

Funds will be used to identify, select and serve 120 low income, potential first-generation college students who lack the adequate preparation to successfully pursue a postsecondary education and need academic support.

Psychology

Society for the Study of School Psychology for "Dissertation Grant Award Application." Morgan Ann Eldridge.
Award: \$1,725.00.
June 1, 2019 May 31, 2020. (Organized Research) Applied Research.

This grant will fund dissertation research on the associations among bullying participant role behaviors, internalizing problems, and each type of school engagement in a sample of early adolescents

Illinois Criminal Justice Information Authority for "Saving blue lives through training on mental health, suicide, resilience, and peer support." Michelle M. Lilly.
Award: \$35,773.00.
May 1, 2019 June 30, 2019. (Other Sponsored Activities) Public Service.

The award supports development and dissemination of trainings for law enforcement in Illinois. The trainings focus on reducing risk for PTSD and suicide through better recognition of signs and symptoms and bolstering resilience and peer support.

Susan Myket, Ph.D. & Associates for "Psychology Externship at Susan Myket & Associates."
Leslie Matuszewich/Laura D. Pittman.
Award: \$17,798.40. (Cumulative \$165,730.00).
July 1, 2018 June 30, 2019. (Instructional Programs).

Funds will be used to support a Psychology graduate student externship placement at Susan Myket & Associates.

Winnebago County for "Research and Evaluation of the Winnebago County Adult Drug Court Program." Julie L. Crouch.
Award: \$66,739.93.
September 30, 2018 September 29, 2019. (Other Sponsored Activities) Public Service.

NIU will serve as the primary research partner/local evaluator for the Winnebago County Adult Drug Court Enhancement Project.

Public Safety

DeKalb County Community Foundation for "Rape Aggression Defense Program Expansion."
Thomas Phillips.
Award: \$2,000.00.
April 29, 2019 April 28, 2020. (Other Sponsored Activities) Public Service.

The purpose of the project is to purchase materials to expand the Rape Aggression Defense (RAD) program and add training services for male participants.

School of Art and Design

National Science Foundation for "Scholars Award: Understanding iconoclastic violence through the early science of optics." Mary P. Quinlan.
Award: \$85,582.00. (Cumulative \$213,877.00).
April 1, 2019 March 31, 2020. (Organized Research) Applied Research.

The purpose of the project is to investigate the science of vision to understand the role of optics in iconoclastic violence in the 16th Century Europe.

School of Interdisciplinary Health Professions

University of Wisconsin Madison for "Wisconsin Promoting Readiness of Minors in Supplemental Security Income project." Kanako Iwanaga.
Award: \$14,995.50.
October 1, 2018 September 30, 2019. (Organized Research) Applied Research.

To develop research questions related to secondary transition and conduct secondary analysis to answer each research question using data from the WI PROMISE database.

University of Wisconsin Madison for "Rehabilitation Research and Training Center (RRTC) on Employer Practices Leading to Successful Employment Outcomes for Individuals with Disabilities." Kanako Iwanaga.
Award: \$9,991.00.
June 1, 2019 September 29, 2019. (Organized Research) Applied Research.

To achieve the goals of, and improve the effectiveness of, services authorized under the Rehabilitation Act through well designed research, training, technical assistance, and dissemination activities in important topical areas as specified by NIDILRR.

Statistics

Pace Suburban Bus for "Statistical Support Services for NTD Reporting." Michelle Chaoxiong.Xia
Award: \$23,250.00. (Cumulative \$23,250.00).
July 1, 2018 June 30, 2019. (Organized Research) Applied Research.

Using data provided by Pace Bus, Statistical Consulting Services will conduct data analysis for Pace's National Transit Database Report to be submitted to the Fed

FACULTY SCHOLARSHIP PRESENTATION

Dr. Nicole LaDue, Assistant Professor of Geology and Environmental Geosciences, discusses her National Science Foundation-funded research on how people learn. Her basic research positively impacts NIU students' experience in the classroom and field-based learning. Her first lead-principal investigator (P.I.) NSF-funded research project on visualization utilizes active learning tools in introductory courses to establish best practices for improving students' spatial skills. Spatial thinking is highly predictive of success in STEM fields and is a barrier to broadening participation in STEM disciplines. Two of her additional projects examine diversity in STEM through two distinct mechanisms: social support and international research. The *BELONG in STEM Scholars Program*, a \$1M investment from NSF, provides scholarships for financially struggling, academically successful STEM students at NIU. Scholars will be selected from NIU juniors and seniors and transfer students over the next five years, each student receiving over \$5,000 per year of scholarship funding in addition to professional development, academic advising, and social support. As a co-PI on this project, Dr. LaDue and her graduate student, along with the project team, are studying how social supports facilitate students' persistence in STEM. Through collaboration with Dr. Nathan Stansell of the Geology and Environmental Geosciences Department, Lead-PI of an NSF-funded International Research Experience for Students (IRES), Dr. LaDue is also examining how to promote student interest in science careers through research experiences. Small teams consisting of two graduate students, two community college students, and a teacher conduct field and laboratory research in Estonia with Dr. Stansell during a ten-week research experience during the summer. Studying the impact of this unique style of team research will help other researchers to more effectively engage students in field-research and laboratories.