INDIANA COMMISSION *for*
HIGHER EDUCATION

AGENDA

Thursday, September 14, 2017

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Indianapolis, IN 46204-4206
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INDIANA COMMISSION for HIGHER EDUCATION

SEPTEMBER COMMISSION MEETING AGENDA

Wednesday, September 13, 2017

VINCENNES UNIVERSITY
1500 North Chestnut Street
Vincennes, IN 47591
Parking available in adjacent lot

STUDENT SUCCESS AND COMPLETION COMMITTEE MEETING
2:00 P.M. – 3:30 P.M.
Indiana Center for Applied Technology (ICAT)
Room 142

CALL IN INFORMATION:
DIAL: 1 (605) 475-4700
PIN: 230295#

CAMPUS TOUR
4:00 P.M. – 5:15 P.M.
Bus Departs from ICAT Building

RECEPTION AND DINNER
5:30 P.M. – 7:30 P.M.
Kimmell Park
2014 Oliphant Drive
Vincennes, IN 47591
Bus Returns to ICAT Building

HOTEL ACCOMMODATIONS
TownePlace Suites Vincennes
1320 Willow Street
Vincennes, Indiana 47591

Thursday, September 14, 2017

COMMISSION MEETING
Vincennes University
Indiana Center for Applied Technology (ICAT)
1500 North Chestnut Street
Vincennes, IN 47591
Parking available in adjacent lot

CONTINENTAL BREAKFAST
8:00 A.M. – 9:00 A.M.
ICAT Building
Room 132

WORKING SESSION
9:00 A.M. – 11:30 A.M.
ICAT Building
Room 142

CALL IN INFORMATION:
DIAL: 1 (605) 475-4700
PIN: 230295#

WORKING SESSION TOPICS

- Fast Track Awards and Financial Aid for Prior Learning Assessments
- Next Level Jobs
- Next Generation Hoosier Educators Scholarship
- 21st Century Scholars, Scholars Success Program and ScholarTrack
- Committee Report Outs

COMMISSION MEMBER AND STAFF LUNCH
11:45 A.M. – 1:00 P.M.
ICAT Building
Room 132

Presentation
President Chuck Johnson

BUSINESS MEETING
1:00 P.M. – 3:00 P.M.
ICAT Building
Room 142

CALL IN INFORMATION:
DIAL: 1 (605) 475-4700
PIN: 230295#

I. Call to Order – 1:00 P.M. (*EASTERN TIME*)
Roll Call of Members and Determination of Quorum
Chair's Remarks
Commissioner's Report
Consideration of the Minutes of the August 10, 2017 Commission Meeting 1

II. Public Square
A. Strengthening College and Career Readiness 9
1. Matt Gandal, Education Strategy Group
2. Ryan Reyna, Education Strategy Group
3. Amanda McCammon, Indiana Department of Education

III. Business Items
A. Resolution to Strengthen Math Preparation in Indiana 13
B. Resolution on Transcript Supplements To Document Experiential and Applied Learning . 17
C. Academic Degree Programs for Expedited Action 21
1. Bachelor of Science in Intelligence Analysis to be offered by Indiana State University
2. Bachelor of Science in Biochemistry to be offered by Indiana University Purdue University Fort Wayne
3. Master of Environmental Sustainability to be offered by Indiana University Bloomington
4. Master of Science in Intelligent Systems Engineering to be offered by Indiana University Bloomington
5. Associate of Applied Science in Professional Flight to be offered by Ivy Tech Community College
6. Associate of Science in Psychology to be offered by Ivy Tech Community College

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The next meeting of the Commission will be on **October 12, 2017, in Fort Wayne, Indiana.**

State of Indiana
Commission for Higher Education

Minutes of Meeting

Thursday, August 10, 2017

I. CALL TO ORDER

The Commission for Higher Education met in regular session starting at 1:00 p.m. at Indiana University Southeast, 4201 Grant Line Road, New Albany, IN with Chairman Chris LaMothe presiding.

ROLL CALL OF MEMBERS AND DETERMINATION OF A QUORUM

Members Present: Dennis Bland, Jon Costas, Lisa Hershman, Chris LaMothe, Mika Mosier, Chris Murphy, Kathy Parkison, Dan Peterson, Beverley Pitts, John Popp, Alfonso Vidal and Caren Whitehouse. *On the Phone:* Allan Hubbard

Members Absent: Jud Fisher

CHAIR'S REPORT

Chairman Peterson began his report stating on behalf of the Commission, I would like to thank all of the Indiana University Southeast leadership for your hospitality last evening and for hosting our meeting today.

This morning we welcomed our newest Commission member, Dr. Kathy Parkison. Kathy is currently the Accreditation Specialist at Indiana University Kokomo. Prior to this she served as Interim Vice Chancellor for Academic Affairs, Associate Vice Chancellor and Assistant Vice Chancellor for Academic Affairs at IU Kokomo, Dean of the School of General Education at Kazakhstan Institute for Management, Economics and Strategic Research (KIMEP) in Almaty, Kazakhstan and MBA Director at Indiana University Kokomo. She has also served a number of key faculty roles, including Secretary of the Faculty Senate, Chair of the campus-wide Admissions Committee, and Chair of the Assessment Committee in the School of Business.

I am sure I speak for all of us when I say that we will greatly benefit from your expertise over the next two years. Welcome.

Before we continue with our regular meeting items, I would like to propose this year's officer slate. Each year in August the Commission elects a new slate of officers. This slate was created by a nominating committee consisting of one member per class.

The 2017-2018 Officer Slate includes:

Chris LaMothe, Chair
Caren Whitehouse, Vice Chair
Lisa Hershman, Secretary

R-17-05.1 **RESOLVED:** That the Commission for Higher Education hereby approves the 2017-2018 Officer Slate (Motion – Murphy, second – Costas, unanimously approved)

The Officer Slate for 2017-2018 is adopted. Congratulations to our new officers. At this time it is my honor to pass the gavel to our new Chair, Chris LaMothe.

COMMISSIONER'S REPORT

Commissioner Lubbers began her report stating, on behalf of our staff, I want to begin today by thanking Dan Peterson for his service and leadership as our Chair for the past year and welcoming Chris LaMothe to his new role. I have had the pleasure of working alongside seven chairmen during my tenure as Commissioner. Each one has brought vision and strong leadership and made our work and staff better – and certainly that has been the case with Dan. During his tenure we promoted a new strategic plan, developed budget and legislative recommendations, and worked with policymakers and employers on education and career alignment. Dan has been at the center of each of these efforts, leading us with clarity of purpose to improve lives through education. The good news is he's going to keep on doing this.

As Chris takes over as Chair, we're not going to miss a beat in maintaining the momentum for higher education excellence. I'm especially encouraged that he is prepared to lead our employer outreach efforts, assisting us in understanding and meeting workforce needs – as well as keeping us focused on educational quality. It's going to be a significant year for higher education under your leadership.

Yesterday, I joined Governor Holcomb and business leaders at the Indianapolis Speedway for our send-off celebration for Roadtrip Indiana, featuring three Hoosier students who will be traveling the state in a distinctive green RV. Their trip to organizations and businesses throughout the state will be filmed for an upcoming public television documentary. In the Governor's words, "the students featured in Roadtrip Indiana are some of the state's best and brightest, and I am grateful for their participation in this national initiative to encourage more Hoosier students to explore career paths through direct contact with Indiana employers. Empowering our students to find a meaningful, in-demand career while showcasing the dynamic range of job opportunities right here in Indiana is an important step in keeping our state's best asset – our people." This initiative also features career-themed classroom resources for local schools and a free online "Share Your Road" platform to encourage Hoosiers to share their personal and professional journeys.

Following up on today's exciting announcement, we'll be rolling out the Workforce Ready Grant next with the Governor and other workforce leaders at announcements throughout the state.

Last week I joined other members of the Indiana Executive Council on Cybersecurity for an organizational meeting. A Compact to Improve State Cybersecurity was issued by the National Governor's Association, stating "the foremost duty of every governor is to safeguard the public safety and welfare of research and academic stakeholders who will

work together to accelerate cyber initiatives and help Hoosiers have the resources and support they need to be secure. From an educational standpoint, the compact includes a commitment to grow the cybersecurity workforce through alignment of degrees and training with positions needed.

Finally, a word about Indiana's College Choice 529 Plan to ensure college financial preparation and affordability. The 529 program recently hit a threshold of $4 billion in total assets. Record contribution activity by participants and recent investment returns enabled the plan to pass quickly from $3.5 billion in combined assets in December 2016 to their current level. As you may recall when we presented our legislative update, CHE does not consider 529 assets for the purpose of financial aid. It's worth noting that more Hoosiers see the importance of saving for college and the potential for using a tax-advantaged way to do so.

CONSIDERATION OF THE MINUTES OF THE JUNE, 2017 COMMISSION MEETING

R-17-05.2 **RESOLVED:** That the Commission for Higher Education hereby approve the Minutes of the June, 2017 regular meeting (Motion – Murphy, second – Costas, unanimously approved)

II. PUBLIC SQUARE

A. Transcript Supplement that Document Experiential and Applied Learning

1. Mary Beth Myers, IUPUI
2. Matt Pittinsky, CEO of Parchment

Dr. Ken Sauer facilitated the public square discussion.

III. BUSINESS ITEMS

A. Resolution on Transcript Supplements to Document Experiential and Applied Learning

R-17-05.3 **RESOLVED:** That the Commission for Higher Education approves by consent to vote on the following resolution during the September 14, 2017 meeting.

Dr. Sauer presented this item.

Mr. Murphy stated that the resolution raises a question as to whether we are encouraging the continuation of this for the benefit of high school to college applications, or if we are encouraging the further development of this for use of employers. He commented that he is unsure which direction the Commission is taking.

Dr. Pitts commented that there seems to be confusion between the eTranscript issue and the supplemental transcript issue.

Dr. Sauer stated that the primary emphasis was on capturing this information primarily to present this information to employers. We wanted to develop some consensus around the way

in which these learning experiences were captured, representing them at the high school level and in college.

Mr. Murphy remarked that there is a very big difference between the experiential learning in high school as opposed to college. He expressed concerns we are diluting an effort that might be well-focused on workforce for college students.

Ms. Lubbers recommended for purpose of our discussion today, that the resolution be rewritten to clarify the issues discussed. Following the discussion of this item, the Commission decided a vote on this item will be taken during the September 14, 2017 meeting.

B. Authorization of Purdue NewU as a State Affiliated Institution

Dr. Sauer provided the staff recommendation.

Mr. Murphy requested clarification regarding the language in the General Assembly which states an acceptance of liabilities by the state. In response, Mr. Hahn stated that the key term is "eligible property" which is defined later in the statute. Eligible property means any property received by the Board of Trustees of the state educational institution other than state appropriations or other public money received through another stated educational institution, state agency or local government entity. We must back those debts and liabilities with eligible property.

Mr. Murphy proposed an amendment to the motion stating the importance we indicate due diligence we've gone through in this process on the record. After the word 'agenda' in the first paragraph, we could add "which included a review of the programs and degrees to be offered, the legal structure, financial arrangements, and governance."

Mr. LaMothe requested Dr. Sauer amend the motion with Mr. Murphy's recommended wording.

R-17-05.4 **RESOLVED:** That the Commission for Higher Education approves by consent the following resolution, in accordance with the background information provided in this agenda item. (Motion – Costas, second – Vidal, unanimously approved)

C. Academic Degree Program for Full Discussion

1. Doctor of Education in Educational Leadership to be offered by University of Southern Indiana

Provost Rochon joined by Dr. Mitchell, Dr. Beach and Dr. Theobald presented this item.
Dr. Sauer provided the staff recommendation.

Based on discussion, the language in the resolution was adjusted. Commissioner Lubbers recommended it state "that the Commission for Higher Education approve the Doctor of Education in Education al Leadership, a professional doctoral program, to be offered by University of Southern Indiana in accordance with the background discussion in this agenda item and the Program Description."

R-17-05.5 **RESOLVED:** That the Commission for Higher Education approves by consent the following degree program, in accordance with the background information provided in this agenda item. (Motion – Murphy, second – Peterson, unanimously approved)

2. Doctor of Philosophy in Electrical and Computer Engineering to be offered by Purdue University at IUPUI

Dr. Vibbert presented this item.
Dr. Sauer provided the staff recommendation.

R-17-05.6 **RESOLVED:** That the Commission for Higher Education approves by consent the following degree program, in accordance with the background information provided in this agenda item. (Motion – Costas, second – Mosier, unanimously approved)

D. Academic Degree Programs for Expedited Action

1. Master of Public Administration to be offered at Indiana University East
2. Bachelor of Science in Sport and Recreation Management to be offered by Indiana University Kokomo
3. Associate of Science in Chemistry to be offered by Ivy Tech Community College
4. Associate of Science in Biology to be offered by Ivy Tech Community College
5. Bachelor of Science in Cyber and Security Studies to be offered by Indiana State University

R-17-05.7 **RESOLVED:** That the Commission for Higher Education approves by consent the following degree programs, in accordance with the background information provided in this agenda item. (Motion – Murphy, second – Parkison, unanimously approved)

E. Capital Projects for Full Discussion

1. Indiana University Bloomington – Ground Lease and Lease of Space Agreement between the Trustees of Indiana University and Indiana University Health for the establishment of a Regional Academic Health Center/Academic Health Sciences Building

Dr. Morrison presented this project.
Mr. Chase provided the staff recommendation.

R-17-05.8 **RESOLVED:** That the Commission for Higher Education approves by consent the following capital project, in accordance with the background information provided in this agenda item. (Motion – Whitehouse, second – Murphy, unanimously approved)

2. Indiana University Bloomington – Golf Course Renovation

Dr. Morrison presented this project.

Mr. Chase provided the staff recommendation.

R-17-05.9 **RESOLVED:** That the Commission for Higher Education approves by consent the following capital project, in accordance with the background information provided in this agenda item. (Motion – Costas, second – Whitehouse, unanimously approved)

3. Ball State University – New North Residential Neighborhood – Phase I

Mr. Hawkins presented this project.
Mr. Chase provided the staff recommendation.

R-17-05.10 **RESOLVED:** That the Commission for Higher Education approves by consent the following capital project, in accordance with the background information provided in this agenda item. (Motion – Costas, second – Hershman, unanimously approved)

F. Capital Projects for Expedited Action

1. Indiana University-Purdue University-Indianapolis – Primary Care Center Renovation
2. Indiana University-East, Kokomo, Northwest, and Southeast – Multi-Campus Special Repair and Rehabilitation for Deferred Maintenance
3. Indiana University-Fort Wayne – Fort Wayne Health Sciences
4. Vincennes University – Davis Hall and Business Building Renovation
5. Indiana University Bloomington – Old Crescent Renovation – Phase III
6. Ivy Tech Community College – Kokomo Renovation and Addition
7. Ivy Tech Community College – Muncie Renovation and Addition

R-17-05.11 **RESOLVED:** That the Commission for Higher Education approves by consent the following capital projects, in accordance with the background information provided in this agenda item. (Motion – Bland, second – Mosier, unanimously approved)

IV. INFORMATION ITEMS

A. Academic Degree Programs Awaiting Action

B. Academic Degree Program Actions Taken by Staff

C. Media Coverage

V. OLD BUSINESS
NEW BUSINESS

There was none.

VI. ADJOURNMENT

The meeting was adjourned at 3:22 P.M.

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Chris LaMothe, Chair

_____
Lisa Hershman, Secretary

COMMISSION FOR HIGHER EDUCATION
Thursday, September 14, 2017

PUBLIC SQUARE: **Strengthening College and Career Readiness**

Background

The alignment between Indiana's K-12 and postsecondary education systems and the associated opportunities to strengthen college and career readiness for Hoosier students are foundational components of the Commission's *Reaching Higher, Delivering Value* strategic plan.

To inform the implementation of the Commission's work in these areas, it will have the opportunity to hear from Matt Gandal and Ryan Reyna with Education Strategy Group regarding the national college- and career-readiness conversation as well as a state-level K-12 perspective from Amanda McCammon with the Indiana Department of Education.

Supporting Documents

Matt Gandal Bio
Ryan Reyna Bio
Amanda McCammon Bio

Matt Gandal

Founder and President
Education Strategy Group

Matt Gandal founded Education Strategy Group in 2012 to support states, national organizations, and foundations committed to dramatically improving the capacity and performance of the U.S. education system. He brings over 20 years of experience leading policy development, advocacy and implementation work in both the K-12 and higher education sectors.

Gandal previously served as a senior advisor to U.S. Secretary of Education Arne Duncan where he led a new division responsible for providing policy and implementation support to states. Gandal worked with state schools chiefs, governors, district leaders and other key stakeholders to identify and address their most pressing implementation and capacity challenges. He also served as a member of the Secretary's Advisory Team that met regularly with the Secretary to take stock of progress and establish priorities for the Department of Education.

Before joining the Department of Education, Gandal was executive vice president of Achieve, the national organization formed by governors and business leaders to help states raise educational standards. He helped found the organization and was responsible for overseeing its major initiatives, including the American Diploma Project which helped 35 states advance college and career readiness policies; the Common Core State Standards Initiative which resulted in 45 states adopting rigorous academic standards; and National Education Summits that brought together governors, CEOs and education leaders from across the country to commit to ambitious reforms.

Before joining Achieve, Gandal was assistant director for educational issues at the American Federation of Teachers (AFT). He helped AFT launch a variety of programs and publications designed to support standards-based reform efforts in states and school districts. He was the author and chief architect of Making Standards Matter, an annual AFT report evaluating the quality of the academic standards, assessments and accountability policies in the 50 states. He also authored a series of reports that compared student standards and achievement in the United States with those of other industrialized nations. Gandal also held a leadership position with the Educational Excellence Network, an education policy think tank founded by Checker Finn.

Gandal, a graduate of the Maryland public school system, earned a bachelor's degree in philosophy from Trinity College in Hartford, Connecticut.

Ryan Reyna

Senior Associate
Education Strategy Group

Ryan joined ESG in 2016 to support ESG's overall college and career readiness strategy. He leads the organization's efforts to help states bring stronger, more impactful career-focused indicators into their K-12 accountability systems to ensure that those systems measure and value students' readiness for the 21st century world of work.

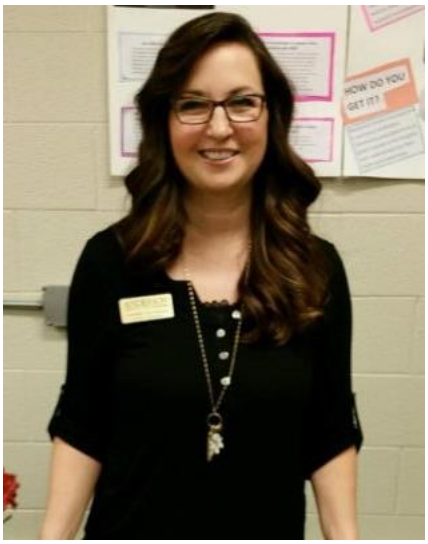
Prior to joining ESG, Ryan served as Director of the Office of Accountability and Data Management at the Delaware Department of Education. In that role, he led the state's efforts to develop a new multi-measure accountability system, centralize the data reporting and analysis functions within the Department, develop its ESEA Flexibility Waiver renewal application, and annually report on Pre-K through higher education outcomes.

Prior to his time in Delaware, Ryan served as a Program Director in the Education Division at the National Governors Association Center for Best Practices (NGA Center). At the NGA Center, Ryan led the division's support of governors' offices on numerous issues, including college and career ready standards, assessment, accountability, and transitions into postsecondary education and training. He also previously held Senior Policy Analyst and Policy Analyst positions at the NGA Center and worked as a Research Associate at the Data Quality Campaign.

Ryan earned a Masters of Public Affairs degree from the LBJ School of Public Affairs at the University of Texas and a Bachelor's degree in American Politics from the University of Virginia.

Amanda McCammon

Director of PK-16
Indiana Department of Education



Amanda McCammon serves as the Director of PK-16 at the Indiana Department of Education (DOE) in the College and Career Readiness office. The College and Career Readiness office provides Hoosiers with helpful information regarding the new Indiana Academic Standards, as well as information about content subject areas, Career and Technical Education and STEM.

What does it mean to be college and career ready? In Indiana, this is defined as an individual who has the knowledge, skills and abilities to succeed in post-secondary education and economically viable career opportunities. College and Career Readiness Programs include:

Indiana Academic Standards - The new state standards were adopted in April of 2014 and outline what students should know and be able to do for each content/subject area and grade level or grade band.

Career and Technical Education (CTE) - Check out this link for some great information about CTE courses and programs, Industry Certifications and the Technical Honors diploma option, and much more!

STEM - is the integration of interdisciplinary literacy across the content areas of Science, Technology, Engineering and Math. Indiana has a vibrant and growing STEM community!

COMMISSION FOR HIGHER EDUCATION
Thursday, September 14, 2017

BUSINESS ITEM A:	**Resolution to Strengthen Math Preparation in Indiana**
Staff Recommendation	That the Commission approve the proposed resolution to work jointly with the Indiana Department of Education and other stakeholders to design and implement a new transition math course for students in 12th grade who are not yet ready for college-level coursework and to scale this opportunity statewide for the benefit of all Hoosier students.
Supporting Documents	Resolution to Strengthen Math Preparation in Indiana

INDIANA COMMISSION for HIGHER EDUCATION

Resolution to Strengthen Math Preparation in Indiana

September 14, 2017

WHEREAS, Indiana must dramatically increase postsecondary attainment to meet the state's economic imperatives and to provide Hoosiers with greater opportunities for lifelong success; and

WHEREAS, students who need remediation are far less likely to complete education beyond high school and have fewer opportunities for employment and career advancement; and

WHEREAS, nearly a fifth of recent Indiana high school graduates and about a third of the state's community college students require postsecondary remediation in English or mathematics; and

WHEREAS, the vast majority of Indiana students who require remediation need it in math; and

WHEREAS, Indiana must work collaboratively across its K-12 and postsecondary sectors to develop strategies that prepare more students—especially those from traditionally underserved populations—to leave high school ready to engage in college-level work; and

WHEREAS, Indiana's *Reaching Higher, Delivering Value* strategic plan champions state policies and practices that align high school math content and course sequences with the expectations of college programs of study and employers; and

WHEREAS, Indiana's community college has demonstrated success at addressing remediation needs through redesigned math pathways and a co-requisite model that places remedial students in college-level courses with supplemental academic support; and

WHEREAS, Indiana should draw upon the lessons learned at Ivy Tech Community College and from proven practices in other states to strengthen math pathways and address remedial needs before students graduate high school;

NOW THEREFORE BE IT RESOLVED, that the Indiana Commission for Higher Education commits to work jointly with the Indiana Department of Education and other stakeholders to design and implement a new transition math course for students in 12th grade who are not yet ready for college-level coursework and to scale this opportunity statewide for the benefit of all Hoosier students.

COMMISSION FOR HIGHER EDUCATION
Thursday, September 14, 2017

BUSINESS ITEM B:	**Resolution on Transcript Supplements To Document Experiential and Applied Learning**
Staff Recommendation	That the Commission for Higher Education approve the revised, attached *Resolution on Transcript Supplements To Document Experiential and Applied Learning.*
Background	At its August 10, 2017 meeting, and following a Public Square session related to this topic, the Commission discussed a proposed Resolution on Transcript Supplements, which resulted in a suggestion that a revised resolution be brought back to the Commission for action at its September meeting. The Academic Affairs and Quality Committee reviewed the attached, revised Resolution and recommended that it be placed on the September Commission agenda for approval. The revised resolution focuses only on developing a transcript supplement for college transcripts, with the reference to high schools removed, and clarifies that a supplement used by Indiana institutions would "share some core elements," instead of referring to a "common" supplement.
Supporting Document	Resolution on Transcript Supplements To Document Experiential and Applied Learning

INDIANA COMMISSION for HIGHER EDUCATION

Resolution on Transcript Supplements To Document Experiential and Applied Learning

September 14, 2017

WHEREAS, the Indiana e-Transcript Program has been highly successful over the past twelve years and now provides an exceptionally strong foundation for initiating a statewide dialog about how to document student experiential and applied learning; and

WHEREAS, transcript supplements documenting student experiential and applied learning provide an opportunity to engage employers in identifying information about job applicants that is much more useful than the conventional transcript; and

WHEREAS, emphasizing experiential and applied learning can help focus student attention on pursuing activities that will pay off both in school and in the workplace; and

WHEREAS, experiential and applied learning supplements provide an opportunity for high schools and colleges to better demonstrate educational value by documenting what students have learned and applied outside the classroom; and

WHEREAS, documenting experiential and applied learning is consistent with the emphasis on competencies and careers reflected in *Reaching Higher, Delivering Value*;

NOW THEREFORE BE IT RESOLVED, that the Commission for Higher Education calls for accelerated development of college transcript supplements that share some core elements and provide a more complete picture of a student's knowledge and skills by documenting student experiential and applied learning.

COMMISSION FOR HIGHER EDUCATION
Thursday, September 14, 2017

BUSINESS ITEM C: **Academic Degree Programs for Expedited Action**

Staff Recommendation

That the Commission for Higher Education approve the following degree programs, in accordance with the background information provided in this agenda item:

- Bachelor of Science in Intelligence Analysis to be offered by Indiana State University
- Bachelor of Science in Biochemistry to be offered by Indiana University Purdue University Fort Wayne
- Master of Environmental Sustainability to be offered by Indiana University Bloomington
- Master of Science in Intelligent Systems Engineering to be offered by Indiana University Bloomington
- Associate of Applied Science in Professional Flight to be offered by Ivy Tech Community College
- Associate of Science in Psychology to be offered by Ivy Tech Community College

Background

The Academic Affairs and Quality Committee discussed these programs at its September 1, 2017 meeting and concluded that the proposed programs could be placed on the September 14, 2017 agenda for action by the Commission as expedited action items.

Supporting Document

Academic Degree Programs on Which Staff Propose Expedited Action, September 1, 2017.

Academic Degree Programs on Which Staff Propose Expedited Action
September 1, 2017

CHE 17-17 Bachelor of Science in Intelligence Analysis to be offered by Indiana State University

Proposal received on May 30, 2017
CIP Code: 29.0201
Fifth Year Projected Enrollment: Headcount – 300, FTE – 237
Fifth Year Projected Degrees Conferred: – 50

The proposed Bachelor of Science in Intelligence Analysis would be the first of its kind in the state and would be offered through the Department of Criminology and Criminal Justice in the College of Arts and Sciences, which also offers a B.A./B.S. in Criminology and Criminal Justice that enrolled 924 headcount students and had 179 graduates in FY2016. Last month, the Commission approved a B.S. in Cyber and Security Studies program, also offered through the Department of Criminology and Criminal Justice. Most of the students are expected to be evenly distributed among three concentrations offered in the proposed program: (1) Counterintelligence, for those desiring a career in the military, and (2) Intelligence Operations and (3) Intelligence Collection, both of which are intended for those pursuing a civilian career with the U.S. government; approximately 10-15 percent of the students are expected to pursue a fourth concentration, Criminal Intelligence, for those interested in a law enforcement career.

The B.S. in Intelligence Analysis requires 120 semester hours of credit, thus meeting the standard credit hour expectation for baccalaureate degrees. The Transfer Single Articulation Pathway (TSAP) in Criminal Justice will provide opportunities for graduates of the Ivy Tech A.S. in Criminal Justice and the Vincennes University A.S. in Law Enforcement to transfer and apply all of their credit to the B.S. in Intelligence Analysis.

CHE 17-18 Bachelor of Science in Biochemistry to be offered by Indiana University Purdue University Fort Wayne

Proposal received on May 19, 2017
CIP Code: 26.0202
Fifth Year Projected Enrollment: Headcount – 32, FTE – 27
Fifth Year Projected Degrees Conferred: 8

The proposed Bachelor of Science in Biochemistry will be offered through the Department of Chemistry in the College of Arts and Sciences. IPFW offers a B.S. in Biology, which in FY2016 enrolled 498 headcount students and had 50 graduates. The University also offers a B.S. in Chemistry, which enrolled 90 students and had eight graduates that same year. The University will seek to have the program accredited by the American Society for Biochemistry and Molecular Biology (ASBMB), which will also enable students to earn a certification from ASBMB. Baccalaureate biochemistry programs are found on most IU campuses (Bloomington, East, Kokomo, Northwest, South Bend) as well as Purdue West Lafayette and USI. The IU Northwest program is the

newest program, which was approved by the Commission in October 2016; Ball State and IUPUI offer Biochemistry options as part of their baccalaureate Chemistry degrees.

The B.S. in Biochemistry requires 120 semester hours of credit, thus meeting the standard credit hour expectation for baccalaureate degrees. The Transfer Single Articulation Pathway (TSAP) in Chemistry will provide opportunities for graduates of the Ivy Tech A.S. in Chemistry and the Vincennes University A.S. in Chemical Sciences to transfer and apply all of their credit to the B.S. in Biochemistry.

CHE 17-20 Master of Environmental Sustainability to be offered by Indiana University Bloomington

Proposal received on June 29, 2017
CIP Code: 03.0103
Fifth Year Projected Enrollment: Headcount – 40, FTE – 60
Fifth Year Projected Degrees Conferred: 40

The proposed Master of Environmental Sustainability (M.E.S.) would be offered through the School of Public and Environmental Affairs (SPEA), which also offers a Master of Public Affairs (M.P.A.) that enrolled 500 headcount students and had 192 graduates in FY2016. SPEA also offers an M.S. in Environmental Science, which had 62 graduates that same year and is often pursued as a dual degree by M.P.A. students. The master's in Environmental Sustainability does not have the same math and science requirements of the Environmental Science master's, thus giving students more flexibility to tailor their coursework to focus on areas more aligned to their career pathways, such as governmental processes/contracting or Informational Technology.

The Master of Environmental Sustainability requires 36 semester hours of credit.

CHE 17-21 Master of Science in Intelligent Systems Engineering to be offered by Indiana University Bloomington

Proposal received on June 29, 2017
CIP Code: 14.0101
Fifth Year Projected Enrollment: Headcount – 150, FTE – 142
Fifth Year Projected Degrees Conferred: 128

The proposed Master of Science in Intelligent Systems Engineering would be offered through the School of Informatics, Computing, and Engineering. After considerable Commission-wide scrutiny in 2015, the Commission approved B.S. and Ph.D. programs in Intelligent Systems Engineering for IU Bloomington in August of that year. A key understanding and expectation of the Commission was that both of these programs would be highly focused; for example, the Ph.D., program was to focus on six areas of concentration: Bioengineering, Computer Engineering, Cyber-Physical Systems, Environmental Engineering, Molecular and Nanoscale Engineering, and Neuro-Engineering. These six areas are exactly the same ones, on which the proposed M.S. will also focus. The graduate faculty wanted to move ahead right away with the doctoral program by initially enrolling students who already had master's degrees from other

institutions, so that it could immediately take advantage of research opportunities that having a doctoral degree would open up. The program proposal stated that once the Ph.D. program was established, the faculty would then design a curriculum for students who were interested in a professional master's degree leading directly to job opportunities and not as a step toward a research doctorate.

The Master of Environmental Sustainability requires 30 semester hours of credit.

CHE 17-22 Associate of Applied Science in Professional Flight to be offered by Ivy Tech Community College

Proposal received on July 6, 2017
CIP Code: 49.0102
Fifth Year Projected Enrollment: Headcount – 69, FTE – 53
Fifth Year Projected Degrees Conferred: 16

The proposed Associate of Applied Science in Professional Flight would be offered through the School of Technology on the Columbus and Fort Wayne campuses. In October of last year, the Commission approved a Technical Certificate in Aviation Technology for Ivy Tech, which presently enrolls 13 students, eight of whom are pursuing a Management track and five a Professional Flight track. In the public sector, three institutions offer degree programs to prepare individuals for FAA pilot licenses: Vincennes at the associate degree level and Purdue West Lafayette and Indiana State at the baccalaureate level. Although this program will have the highest tuition costs of any program in the College (approximately $40,000 at Columbus, which has a flight simulator, and $46,000 at Ft. Wayne, which does not presently have a simulator), it will still be less expensive than programs elsewhere in the public sector. Students completing the program will be prepared to earn licenses or certificates and ratings, including the Commercial Pilot license for multiple-engine aircraft.

The A.A.S. in Professional Flight requires 60 semester hours of credit, thus meeting the standard credit hour expectation for associate degrees. Unlike Associate of Science or Associate of Arts programs, the Associate of Applied Science (A.A.S.) is not specifically designed for transfer.

CHE 17-22 Associate of Science in Psychology to be offered by Ivy Tech Community College

Proposal received on July 6, 2017
CIP Code: 42.0101
Fifth Year Projected Enrollment: Headcount – 667, FTE – 481
Fifth Year Projected Degrees Conferred: 283

The proposed Associate of Science in Psychology would be offered through the School of Arts, Sciences, and Education on the Gary, Valparaiso, East Chicago, Michigan City, South Bend, Fort Wayne, Lafayette, Kokomo, Terre Haute, Indianapolis, Columbus, Lawrenceburg, Madison, Evansville, Sellersburg, and Bloomington campuses.

The A.S. in Psychology requires 60 semester hours of credit, thus meeting the standard credit hour expectation for associate degrees. Over the past year, faculty panels from all public two-year and four-year institutions worked to develop the Psychology Transfer Single Articulation Pathway (TSAP). The work is now completed and the proposed A.S. in Psychology fully articulates with baccalaureate Psychology programs at all public universities. The Psychology TSAP will apply to students enrolling in Fall 2017. TSAPs, which were mandated by legislation passed in 2013 and which are based on competencies and student learning outcomes, are currently in place for 17 programs: Business Administration, Computer Science, Criminal Justice, Education (Early Childhood, Elementary, Special), Electrical Engineering Technology, Human Services-Social Work, Information Technology and Informatics, Mechanical Engineering, Mechanical Engineering Technology, Nursing, Biology, Chemistry, Human Services, Psychology, and Sociology.

COMMISSION FOR HIGHER EDUCATION
Thursday, September 14, 2017

BUSINESS ITEM D-1:	**<u>Purdue University Northwest – Bioscience Innovation Building</u>**
Staff Recommendation	That the Commission for Higher Education recommends approval to the State Budget Agency and the State Budget Committee of the following project: Purdue University Northwest – Bioscience Innovation Building
Background	By statute, the Commission for Higher Education must review all projects to construct buildings or facilities costing more than two million dollars ($2,000,000), regardless of the source of funding. Each repair and rehabilitation project must be reviewed by the Commission for Higher Education and approved by the Governor, on recommendation of the Budget Agency, if the cost of the project exceeds two million dollars ($2,000,000) and if any part of the cost of the project is paid by state appropriated funds or by mandatory student fees assessed all students. Such review is required if no part of the project is paid by state appropriated funds or by mandatory student fees and the project cost exceeds two million dollars ($2,000,000). A project that has been approved or authorized by the General Assembly is subject to review by the Commission for Higher Education. The Commission for Higher Education shall review a project approved or authorized by the General Assembly for which a state appropriation will be used. All other non-state funded projects must be reviewed within ninety (90) days after the project is submitted to the Commission.
Supporting Document	Purdue University Northwest– Bioscience Innovation Building

Purdue University Northwest – Bioscience Innovation Building

STAFF ANALYSIS

The Trustees of Purdue University request to proceed with the planning, financing, construction and award of the construction contract for the Bioscience Innovation Building on the Purdue University Northwest – Hammond Campus. This project will construct a new, 68,000 gross square feet facility to contain offices and research and teaching labs for the College of Nursing and Department of Biological Sciences south of the student union and library in Hammond. These activities are currently located in various buildings across the campus, including the Gyte Annex, which will be demolished as part of this project once the Bioscience Innovation Building is occupied. This new building will prepare students for 21st century jobs in nursing and life sciences while advancing economic development in northwest Indiana.

This project was Purdue's Priority 3 request for the 2017-2019 budget session and was funded by the General Assembly.

Funding: The estimated cost of this project is $40,500,000 and will be funded from Bond Proceeds – Fee Replaced of $35,100,000, State Appropriations of $2,400,000, Gift Funds of $2,000,000 and University Funds of $1,000,000.

Additional Staff Notes:

Staff recommends approval of the project.

PROJECT SUMMARY AND DESCRIPTION

For: Bioscience Innovation Building

Institution:	Purdue University Northwest	**Budget Agency Project No.:**	B-2-05-1-05R
Campus:	Hammond Campus	**Institutional Priority:**	Three
Previously approved by General Assembly:	Yes	**Previously recommended by CHE:**	No
Part of the Institution's Long-term Capital Plan:	Yes		

Project Summary Description:

The proposed new Bioscience Innovation Building (formerly known as Emerging Technologies Building in previous biennial capital request) will prepare students for 21st century jobs in nursing and life sciences while advancing economic development in Northwest Indiana.

The new building at Purdue University Northwest (PNW) – Hammond Campus will be home for the College of Nursing, the Department of Biological Sciences and shared instructional spaces. These activities are currently located in various building across the campus, including the Gyte Annex, which would be demolished as part of this project once the Bioscience Innovation Building is occupied.

To meet curricular requirements, accreditation standards, and the goals of the strategic plan, the University requires facilities that support modern technology and evolving instructional techniques. Facilities of this nature are key to attracting and retaining leading edge faculty, which in turn will attract and retain high quality students.

This project was listed as Priority 3 on the 2015-2017 Biennial Request, and $2.4M in state planning authorization was received in the 2008-2009 biennium. In the 2015-2017 biennium, $2.4M cash funding was committed and later received.

Summary of the impact on the educational attainment of students at the institution:

A modern facility equipped with current technology and quality laboratory spaces is essential in order to provide students with an education that will allow them to enter the rapidly changing healthcare environment upon graduation from PNW. There is a dramatically increasing demand for health professionals, and the field is becoming more technologically advanced. This project will help ensure the successful education of current and future students in the College of Nursing, the Department of Biological Sciences.

Project Size:*	68,026	GSF	40,573	ASF	0.5964 ASF/GSF
Net change in overall campus space:	23,638	GSF	16,592	ASF	

Total cost of the project (1):	$ 40,500,000	**Cost per ASF/GSF:***	$ 595.36 GSF $ 998.20 ASF
Funding Source(s) for project (2):	$ 35,100,000 Bond Proceeds-Fee Replaced $ 2,400,000 State Appropriations $ 2,000,000 Gift Funds $ 1,000,000 University Funds		
Estimated annual debt payment (4):	$2,757,121		
Are all funds for the project secured:	Yes		
Estimated annual change in cost of building operations based on the project:			$ 139,937
Estimated annual repair and rehabilitation investment (3):	$ 607,500 **Based on total project cost**		

(1) Projects should include all costs associated with the project (structure, A&E, infrastructure, consulting, FF&E, etc.)

(2) Be consistent in the naming of funds to be used for projects. If bonding, note Bonding Authority Year (1965, 1929, 1927, etc.)

(3) Estimate the amount of funding the institution would need to set aside annually to address R&R needs for the project. CHE suggests 1.5% of total construction cost

(4) If issuing debt, determine annual payment based on 20 years at 4.75% interest rate

- If project is a lease-purchase or lease, adjust accordingly. Note the total cost of the lease in the project cost, and annual payments in project description

* All of these fields are not considering the 44,388 GSF of space being demolished as part of this project.

PROJECT DETAILED DESCRIPTION - ADDITIONAL INFORMATION
FOR: BIOSCIENCE INNOVATION BUILDING

Institution:	Purdue University Northwest	**Budget Agency Project No.:**	B-2-05-1-05R
Campus:	Hammond Campus	**Institutional Priority:**	Three

Description of Project

The Bioscience Innovation Building will prepare students for 21st century jobs in Nursing and Biological Sciences while advancing economic development in Northwest Indiana.

The new building at Purdue University Northwest will be home for the College of Nursing, currently spread across campus in three buildings, the Department of Biological Sciences and shared instructional spaces. The Gyte Annex, which currently houses a number of these activities, was constructed in 1953 as the Industrial Research Building for Inland Steel Corporation. Over the years, it was converted in phases to house academic functions. Building evaluations completed in 1997 and 2000 concluded the building was in need of major renovations; however, experience has shown it difficult to remodel a building with antiquated internal and structural systems. As significant updates to ventilation, working conditions and learning environments are needed, the Gyte Annex has reached the end of its useful life. Since the building is not architecturally significant and the infrastructure to support modern technology is inadequate, investing resources in this facility offers a limited return.

To meet curricular requirements, accreditation standards, and the goals of the strategic plan, the University requires facilities that support modern technology and evolving instructional techniques. Facilities of this nature are key to attracting and retaining leading edge faculty, which in turn will attract and retain high quality students.

This project was listed as Priority 3 on the 2015-2017 Biennial Request, was included in numerous previous biennial submittals, and received $2.4M in state planning authorization in the 2008-2009 biennium. This project continues to be a high priority for the University.

Need and Purpose of the Program

PNW is in need of increased and improved space for its College of Nursing and Department of Biological Sciences. These programs are currently housed in the Gyte Annex and portions of the Gyte Building itself, and conditions in these facilities are not ideal for the highly technical and scientific nature of the current and future programmatic needs of these departments. The building infrastructure can no longer maintain the environment necessary in terms of temperature, humidity, and acoustical control. In addition, groundwater encroachment and plumbing failures are not conducive to instruction and research. The lower level of the Annex can no longer be occupied, and the nursing instructional labs had to be relocated to the library and other buildings across campus.

Due to dramatically increasing demand for health professionals of all types and an aging workforce in the field, it is essential for PNW to expand and upgrade its related education programs. This need puts pressure on the biosciences in general and nursing in particular to keep up with the growing demand. The need for both quality and quantity of space for such instruction is great.

A rapidly changing healthcare environment is increasingly dependent on technologically-advanced practices, which require sophisticated training techniques and expanded scientific background education. The highly successful Health Studies program is projected to grow dramatically in the coming years. Moreover, bioscience instruction has evolved in recent years to include cellular, molecular, and biological analysis, studies that were previously not part of the undergraduate education.

Functional and presentable space is also needed to engage community partners, both professional and educational. These needs have been evident for some time but have become increasingly problematic as the following factors converge: conditions in the current facilities deteriorate, the demand for professionals in the related fields increases, and the nature of the educational requirements become more complex.

Space Utilization

The project will provide 40,573 ASF that will generate collaborative learning environments, much needed laboratory space and a contemporary facility to help meet needs associated with the growth of the College of Nursing and and the Department of Biological Sciences. With the demolition of the Gyte Annex, the net change in campus ASF will be a gain of 16,592 ASF. In addition, the demolition of the Annex will reduce Calumet's deferred R&R by 13.6% ($7,032,484).

Comparable Projects

• Lyles-Porter Hall (LYLE), a facility that houses the Department of Speech, Language and Hearing Sciences, the Indiana School of Medicine – Lafayette, and other health programs.
  o Type: Research, teaching, office and clinical space (similar to BIB)
  o Cost: $38M (similar to BIB)
  o Cost/GSF: $339.98 (less than BIB due to favorable economic conditions)
  o Size: 112,000 GSF (larger than BIB though it is located in a different region and was completed in 2014)

• Dworkin Student Services and Activities Complex, a facility that includes student life activities, service learning and leadership centers, collegiate sports and intramural and recreational offerings, and instructional space.
  o Type: Athletics, fitness and recreation functions; office and meeting spaces
  o Cost: $27M (less than BIB though it has no clinical or research space)
  o Cost/GSF: $312.34
  o Size: 102,230 GSF (larger than BIB)

Background Materials

CAPITAL PROJECT REQUEST FORM
INDIANA PUBLIC POSTSECONDARY EDUCATION
INSTITUTION CAMPUS SPACE DETAILS FOR: BIOSCIENCE INNOVATION BUILDING

FOR: BIOSCIENCE INNOVATIONS BUILDING B-2-05-1-05R	Current Space in Use	Space Under Construction (1)	Space Planned and Funded (1)	Subtotal Current and Future Space	Space to be Terminated (1)	New Space in Capital Request (2)	Net Future Space
A. OVERALL SPACE IN ASF							
Classroom (110 & 115)	60,108	-	-	**60,108**	1,600	4,650	**63,158**
Class Lab (210,215,220,225,230,235)	103,313	-	-	**103,313**	1,669	14,683	**116,327**
Non-class Lab (250 & 255)	24,261	-	-	**24,261**	425	5,600	**29,436**
Office Facilities (300)	179,482	-	-	**179,482**	9,593	9,180	**179,069**
Study Facilities (400)	49,426	-	-	**49,426**	-	890	**50,316**
Special Use Facilities (500)	45,978	-	-	**45,978**	-	1,560	**47,538**
General Use Facilities (600)	78,385	-	-	**78,385**	-	3,110	**81,495**
Support Facilities (700)	307,362	-	-	**307,362**	3,812	900	**304,450**
Health Care Facilities (800)	1,314	-	-	**1,314**	1,314	-	-
Resident Facilities (900)	165,431	-	-	**165,431**	-	-	**165,431**
Unclassified (000)	15,962	-	-	**15,962**	5,568	-	**10,394**
B. OTHER FACILITIES							
(Please list major categories)	-	-	-	-	-	-	-
TOTAL SPACE	**1,031,022**	**-**	**-**	**1,031,022**	**23,981**	**40,573**	**1,047,614**

Notes:

(1) Identify in a footnote the specific facilities that are included in the data in these columns. Do not include pending approval, non-submitted projects or non-funded projects

(2) Should include capital projects requested by the institution based on 2013-15 Capital Request Summary

- Space/Room codes based on Postsecondary Ed Facilities Inventory and Classification Manual (2006)

Space under construction includes:

Space planned and funded includes:

Space to be terminated includes: Gyte Annex (ANNX)

CAPITAL PROJECT COST DETAILS
FOR: BIOSCIENCE INNOVATION BUILDING

Institution:	Purdue University Northwest	**Budget Agency Project No.:**	B-2-05-1-05R
Campus:	Hammond Campus	**Institutional Priority**:	Three

ANTICIPATED CONSTRUCTION SCHEDULE

	Month	Year
GMP Date	June	2018
Start Construction	August	2018
Occupancy (End Date)	June	2020

ESTIMATED CONSTRUCTION COST FOR PROJECT

	Cost Basis (1)	Estimated Escalation Factors (2)	Project Cost
Planning Costs *			
a. Engineering			$ 803,514
b. Architectural			$ 1,928,434
c. Consulting			$ 482,109
Construction			
a. Structure			$ 15,290,896
b. Mechanical (HVAC, plumbing, etc.)			$ 9,174,537
c. Electrical			$ 6,116,358
Movable Equipment †			$ 2,124,160
Fixed Equipment †			$ 2,024,000
Site Development/Land Acquisition			
Other (Please list)			$ 2,555,992
TOTAL ESTIMATED PROJECT COST			**$ 40,500,000**

(1) Cost Basis is based on current cost prevailing as of: (INSERT MONTH AND YEAR)

(2) Explain in the Description of Project Section of the "Cap Proj Details" schedule the reasoning for estimated escalation factors

*A state appropriation of $2.4M for planning services was provided during the 2015 legislative session.

* Previous BOT and state approval included the building name of Emerging Technologies Building.

† Projected project cost reflects the highly technical and scientific nature of the equipment necessary for the facility program.

CAPITAL PROJECT OPERATING COST DETAILS
FOR: BIOSCIENCE INNOVATION BUILDING

Institution:	Purdue University Northwest	**Budget Agency Project No.:**	B-2-05-1-05R
Campus:	Hammond Campus	**Institutional Priority**:	Three

GSF OF AREA AFFECTED BY PROJECT 68,026

ANNUAL OPERATING COST/SAVINGS (1)

	Cost per GSF	Total Operating Cost	Personnel Services	Supplies and Expenses
1. Operations	$ 2.07	**$ 140,813**	$ 123,807	$ 17,006
2. Maintenance	$ 0.99	**$ 67,346**	$ 51,700	$ 15,646
3. Fuel	$ -	**$ -**		
4. Utilities	$ 2.86	**$ 194,554**		$ 194,554
5. Other	$ -	**$ -**		$ -
TOTAL ESTIMATED OPERATIONAL COST/SAVINGS	**$ 5.92**	**$ 402,713**	**$ 175,507**	**$ 227,206**

Description of any unusual factors affecting operating and maintenance costs/savings.

The estimated annual change in the cost of building operations noted on the summary page is based on the GSF of the Bioscience Innovation Building (68,026) times the cost per GSF ($5.92) minus the GSF of the Gyte Annex (44,388) times the cost per GSF ($5.92).

68,026 x $5.92 = $402,713
44,388 x $5.92 = $262,776
DIFFERENCE = $139,937

The difference is based on the savings generated when the Annex is demolished.

(1) Based on figures from "Individual Cap Proj Desc" schedule

COMMISSION FOR HIGHER EDUCATION
Thursday, September 14, 2017

BUSINESS ITEM D-2:	**Purdue University West Lafayette – Veterinary Medicine Teaching Hospital Phase I**
Staff Recommendation	That the Commission for Higher Education recommends approval to the State Budget Agency and the State Budget Committee of the following project: Purdue University West Lafayette – Veterinary Medicine Teaching Hospital Phase I
Background	By statute, the Commission for Higher Education must review all projects to construct buildings or facilities costing more than two million dollars ($2,000,000), regardless of the source of funding. Each repair and rehabilitation project must be reviewed by the Commission for Higher Education and approved by the Governor, on recommendation of the Budget Agency, if the cost of the project exceeds two million dollars ($2,000,000) and if any part of the cost of the project is paid by state appropriated funds or by mandatory student fees assessed all students. Such review is required if no part of the project is paid by state appropriated funds or by mandatory student fees and the project cost exceeds two million dollars ($2,000,000). A project that has been approved or authorized by the General Assembly is subject to review by the Commission for Higher Education. The Commission for Higher Education shall review a project approved or authorized by the General Assembly for which a state appropriation will be used. All other non-state funded projects must be reviewed within ninety (90) days after the project is submitted to the Commission.
Supporting Document	Purdue University West Lafayette – Veterinary Medicine Teaching Hospital Phase I

Purdue University West Lafayette – Veterinary Medicine Teaching Hospital Phase I

STAFF ANALYSIS

The Trustees of Purdue University request to proceed with the planning, financing, construction and award of the construction contract for the Veterinary Medicine Teaching Hospital Phase I on the West Lafayette Campus. The Veterinary Medicine Teaching Hospital Phase I project will expand the College of Veterinary Medicine to the east of the existing complex into space made available by the development of the Williams Street extension to Harrison Street and the demolition of Freehafer Hall. Phase I ($35M) will include the construction of an approximately 76,600 GSF Large Animal/Equine Hospital, a separate entrance to the hospital off of South Grant Street, paddocks adjacent to the South Grant Street Entrance, and the necessary utility make ready work. Future planned phases of this project include Phase llA ($40M), which consists of the construction of the new Small Animal Hospital, potential for the construction of the second floor shell office space and any associated moves, and Phase llB ($12M), which consists of the construction of the Food Animal Hospital and any associated moves. Other benefits of this project (upon completion of Phases I, llA and llB) include separation of teaching hospital facilities and species to prevent hospital-acquired infections while maintaining operations, as well as providing modern, large-animal spaces and equipment for faculty, students and clients. Additionally, this project will address the potential accreditation issues at the Veterinary Teaching Hospital by providing state-of-the-art facilities and teaching environments.

Funding: The estimated cost of this project is $35,000,000 and will be funded from University Funds of $30,000,000 and Gift Funds of $5,000,000.

Additional Staff Notes:

Staff recommends approval of the project.

PROJECT SUMMARY AND DESCRIPTION

For: Veterinary Medicine Teaching Hospital Phase I

Institution:	Purdue University	**Budget Agency Project No.:**	B-1-18-1-04
Campus:	West Lafayette	**Institutional Priority:**	N/A
Previously approved by General Assembly:	No	**Previously recommended by CHE:**	No
Part of the Institution's Long-term Capital Plan:	Yes		

Project Summary Description:

This project would expand the College of Veterinary Medicine to the east of the existing complex into space made available by the development of the Williams Street extension to Harrison Street and the demolition of Freehafer Hall. Phase I ($35M) would include the construction of an approximately 76,600 GSF Large Animal/Equine Hospital, a separate entrance to the hospital off of South Grant Street, paddocks adjacent to the South Grant Street Entrance, and the necessary utility make ready work. The Large Animal/Equine Hospital would include space for the following: large-animal surgery, radiology, receiving for large animals, large-animal exam and diagnostic equipment, large-animal treatment, medicine ward, surgery ward, therio ward and a large-animal intensive care unit (ICU).

Summary of the impact on the educational attainment of students at the institution:

A more modern facility will help ensure the continued retention of existing Large Animal Hospital clients while also making it easier to attract new clients. Due to the clinical aspect of the College of Veterinary Medicine (CVM) program, having a robust caseload of clients is necessary to successfully educate current and future students. Additionally, a more modern facility will also assist in the recruitment of the best CVM students, faculty and staff.

Project Size:	76,600	GSF	38,693	ASF	0.5051 ASF/GSF
Net change in overall campus space:	76,600	GSF	38,693	ASF	

Total cost of the project (1):	$ 35,000,000	**Cost per ASF/GSF:**	456.91906 GSF 904.55638 ASF
Funding Source(s) for project (2):	$ 30,000,000 University Funds $ 5,000,000 Gift Funds		
Estimated annual debt payment (4):	N/A		
Are all funds for the project secured:	Yes		
Estimated annual change in cost of building operations based on the project:	$523,527		
Estimated annual repair and rehabilitation investment (3):	$ 508,500		

(1) Projects should include all costs associated with the project (structure, A&E, infrastructure, consulting, FF&E, etc.)

(2) Be consistent in the naming of funds to be used for projects. If bonding, note Bonding Authority Year (1965, 1929, 1927, etc.)

(3) Estimate the amount of funding the institution would need to set aside annually to address R&R needs for the project. CHE suggests 1.5% of total construction cost

(4) If issuing debt, determine annual payment based on 20 years at 5.75% interest rate

- If project is a lease-purchase or lease, adjust accordingly. Note the total cost of the lease in the project cost, and annual payments in project description

PROJECT DETAILED DESCRIPTION - ADDITIONAL INFORMATION

For: Veterinary Medicine Teaching Hospital Phase I

Institution:	Purdue University	**Budget Agency Project No.:**	B-1-18-1-04
Campus:	West Lafayette	**Institutional Priority:**	N/A

Description of Project

The Veterinary Medicine Teaching Hospital Phase I, approximately 77,000SF, will be a state-of-the-art equine hospital that will serve as a clinical teaching laboratory for students in the Doctor of Veterinary Medicine and Veterinary Technology programs as well as postgraduate students completing internships and residencies. This hospital will provide high quality veterinary medical facilities, including surgical facilities and diagnostic imaging facilities, for treatment of horses referred by veterinarians from across the state of Indiana. The hospital will also support innovative clinical research which serves the equine industry of Indiana as well as contributes to advancing human healthcare. The facility must include modern equine housing and restraint facilities and state-of-the-art anesthetic recovery stalls that optimize safety of the horse and personnel which are not available in the current facility. Specially designed tables must be built to handle large horses in the new diagnostic imaging area of the hospital. During construction of the new equine hospital, operation of the current large animal hospital facilities must be maintained to serve the horses in Indiana and conduct our teaching programs.

This project is the first phase of a plan to replace the entire Veterinary Teaching Hospital at its current location. The Veterinary Teaching Hospital was opened in 1959 and an addition was made to Lynn Hall in 1995. The veterinary profession has changed dramatically over the past 50+ years. There has been tremendous growth in companion animal practice which includes both small animals and horses. Pets have transitioned from the backyard to the home and are considered family members. The sophistication of medicine and surgery for animals has grown dramatically, and animal owners expect healthcare for their animals similar to their own healthcare. The focus of production animal veterinary medicine has shifted from treating individual animals to health promotion, disease prevention and optimizing productivity while ensuring animal welfare. Animal agriculture has shifted to large, intensive operations and many small family farms have gone out of business. Principles of biosecurity have evolved now dictating that horses and food animals must be housed and treated in separate areas to prevent the transmission of disease. Building materials must be able to be appropriately cleaned and disinfected. Large animals tend to be larger now than they were 50 years ago and the current large animal facilities are not designed for these larger animals. This poses a safety issue for students, staff and animals.

Funding will be provided by the University ($30 million) and through fundraising by the College of Veterinary Medicine ($5 million).

Need and Purpose of the Program

The Purdue University College of Veterinary Medicine (PVM) is the only veterinary college in the state of Indiana and is one of only four veterinary colleges in the United States that educates the entire veterinary team. It is accredited by the American Veterinary Medical Association Council on Education (AVMA COE). PVM must maintain AVMA COE accreditation in order for its graduates to become licensed to practice in the United States. In 2004, the AVMA COE conducted a site visit of PVM and stated in their accreditation report that Purdue needed to address their aging facilities. Plans were begun to develop a master plan for the Veterinary Medical Complex and building plans for a new Veterinary Teaching Hospital (VTH). When the next AVMA COE site visit occurred in 2011, a master plan and VTH building plans had been developed by working with the University architects. The initial phase of the master plan was to build a new Veterinary Teaching Hospital on a site on South River Road that provided appropriate pasture space for teaching, research and client-owned

animals. These plans were shown to the site visit team and their accreditation report again stated that Purdue needed to address the aging Large Animal Hospital but full accreditation was awarded. The next site visit is scheduled for October 2018. Recently, the decision was made that PVM will not be relocated to the South River Road site but new facilities will be constructed at the current Harrison Street site.

In addition to education, research is a primary mission of PVM and there is inadequate space for conducting clinical research in the veterinary teaching hospital. A robust caseload is necessary to conduct the educational programs. Clients coming to the Large Animal Hospital have commented on the aged state of the facility and equine-owning clients in particular may choose more modern facilities. Loss of caseload will negatively impact the teaching programs and income to the VTH.

Aged facilities are making it more difficult to recruit the best DVM students because we are competing with other veterinary schools with new facilities. Students see this when they interview at the various schools. This past year was the first time that applicants reported choosing a school with more modern facilities as the top reason for declining our offer of admission. Lack of modern facilities is likely to result in loss of faculty and staff as well.

Space Utilization

The proposed improvements will provide a separation of teaching hospital facilities and species as the CVM continues to grow and meet their strategic goals. Modern, flexible, teaching facilities support the faculty, student, and client experience.

Comparable Projects

Due to the complexity of phasing and the uniqueness of clinical space, there is not a comparable Purdue project in recent history.

Background Materials

CAPITAL PROJECT REQUEST FORM
INDIANA PUBLIC POSTSECONDARY EDUCATION
INSTITUTION CAMPUS SPACE DETAILS FOR Veterinary Medicine Teaching Hospital Phase I

(INSERT PROJECT TITLE AND SBA No.)	Current Space in Use	Space Under Construction (1)	Space Planned and Funded (1)	Subtotal Current and Future Space	Space to be Terminated (1)	New Space in Capital Request (2)	Net Future Space
A. OVERALL SPACE IN ASF							
Classroom (110 & 115)	333,366	1,753	-	**335,119**	-	-	**335,119**
Class Lab (210,215,220,225,230,235)	583,766	29,886	-	**613,652**	-	-	**613,652**
Non-class Lab (250 & 255)	1,556,208	69,768	-	**1,625,976**	-	-	**1,625,976**
Office Facilities (300)	2,275,220	59,121	-	**2,334,341**	-	667	**2,335,008**
Study Facilities (400)	417,938	4,311	-	**422,249**	-	-	**422,249**
Special Use Facilities (500)	1,146,680	56,562	-	**1,203,242**	-	-	**1,203,242**
General Use Facilities (600)	922,535	1,742	-	**924,277**	-	130	**924,407**
Support Facilities (700)	3,028,988	429	-	**3,029,417**	-	476	**3,029,893**
Health Care Facilities (800)	88,012	-	-	**88,012**	-	37,420	**125,432**
Resident Facilities (900)	2,339,050	-	-	**2,339,050**	-	-	**2,339,050**
Unclassified (000)	30,784	-	-	**30,784**	-	-	**30,784**
B. OTHER FACILITIES							
(Please list major categories)	-	-	-	-	-	-	-
TOTAL SPACE	**12,722,547**	**223,572**	**-**	**12,946,119**	**-**	**38,693**	**12,984,812**

Notes:

(1) Identify in a footnote the specific facilities that are included in the data in these columns. Do not include pending approval, non-submitted projects or non-funded projects

(2) Should include capital projects requested by the institution based on 2013-15 Capital Request Summary

- Space/Room codes based on Postsecondary Ed Facilities Inventory and Classification Manual (2006)

Space under construction includes: Bechtel Innovation Design Center (BIDC), Controlled Environment Phenotyping Facility (CEPF), Hobart & Russell Creighton Hall of Animal Sciences (CRTN), Flex Lab (FLEX), Football Performance Complex (FPC), Latino Cultural Center at Purdue (LCCP) Addition 1, Land O'Lakes Center for Experiential Learning and Purina Pavilion (LOLC)

Space planned and funded includes:

Space to be terminated includes:

CAPITAL PROJECT COST DETAILS

For: Veterinary Medicine Teaching Hospital Phase I

Institution:	Purdue University	**Budget Agency Project No.:**	B-1-18-1-04
Campus:	West Lafayette	**Institutional Priority:**	N/A

ANTICIPATED CONSTRUCTION SCHEDULE

	Month	Year
GMP Delivery	July	2018
Start Construction	September	2018
Occupancy (End Date)	July	2020

ESTIMATED CONSTRUCTION COST FOR PROJECT

	Cost Basis (1)	Estimated Escalation Factors (2)	Project Cost
Planning Costs			
a. Engineering			$ 1,250,000
b. Architectural			$ 2,000,000
c. Consulting			$ 750,000
Construction			
a. Structure			$ 8,500,000
b. Mechanical (HVAC, plumbing, etc.)			$ 15,000,000
c. Electrical			$ 5,700,000
Movable Equipment			$ 650,000
Fixed Equipment			$50,000
Site Development/Land Acquisition			$ 550,000
Other (Please list)*			$ 600,000
TOTAL ESTIMATED PROJECT COST	**$ -**	**$ -**	$ 35,000,000 -

(1) Cost Basis is based on current cost prevailing as of: (INSERT MONTH AND YEAR)

(2) Explain in the Description of Project Section of the "Cap Proj Details" schedule the reasoning for estimated escalation factors

*Purdue cost PM fee and other shop WO / PU ITaP

CAPITAL PROJECT OPERATING COST DETAILS

For: Veterinary Medicine Teaching Hospital Phase I

Institution:	Purdue University	**Budget Agency Project No.:**	B-1-18-1-04
Campus:	West Lafayette	**Institutional Priority**:	N/A

GSF OF AREA AFFECTED BY PROJECT 76600

ANNUAL OPERATING COST/SAVINGS (1)

	Cost per GSF	Total Operating Cost	Personal Services	Supplies and Expenses
1. Operations	$ 2.39	**$ 183,057**	160949.1	22107.8
2. Maintenance	$ 1.14	**$ 87,550**	67210	20339.8
3. Fuel	$ -	**$ -**	0	0
4. Utilities	$ 3.30	**$ 252,920**	0	252920.2
5. Other	$ -	**$ -**	0	0
TOTAL ESTIMATED OPERATIONAL COST/SAVINGS	**6.83**	**$ 523,527**	**$ 228,159**	**$ 295,368**

Description of any unusual factors affecting operating and maintenance costs/savings.

(1) Based on figures from "Individual Cap Proj Desc" schedule

COMMISSION FOR HIGHER EDUCATION
Thursday, September 14, 2017

BUSINESS ITEM D-3: **Indiana State University – Hulman Center Renovation**

Staff Recommendation That the Commission for Higher Education recommends approval to the State Budget Agency and the State Budget Committee of the following project: Hulman Center Renovation

Background By statute, the Commission for Higher Education must review all projects to construct buildings or facilities costing more than two million dollars ($2,000,000), regardless of the source of funding. Each repair and rehabilitation project must be reviewed by the Commission for Higher Education and approved by the Governor, on recommendation of the Budget Agency, if the cost of the project exceeds two million dollars ($2,000,000) and if any part of the cost of the project is paid by state appropriated funds or by mandatory student fees assessed all students. Such review is required if no part of the project is paid by state appropriated funds or by mandatory student fees and the project cost exceeds two million dollars ($2,000,000). A project that has been approved or authorized by the General Assembly is subject to review by the Commission for Higher Education. The Commission for Higher Education shall review a project approved or authorized by the General Assembly for which a state appropriation will be used. All other non-state funded projects must be reviewed within ninety (90) days after the project is submitted to the Commission.

Supporting Document Indiana State University – Hulman Center Renovation

Indiana State University – Hulman Center Renovation

STAFF ANALYSIS

The Trustees of Indiana State University request to proceed with the renovation of Hulman Center. Since 1973, Hulman Center has served as a venue for University-sponsored academic, athletic, and arts events as well as the go-to meeting and event space for the Terre Haute community. It serves not only as a symbolic point of pride for Western Indiana, but is the venue which draws thousands of people from Indiana and Illinois who contribute greatly to the local economy and sales tax base. It is one of the primary ways in which Indiana State carries out its critical mission of education through community engagement. The current facility was constructed in 1973, and the mechanical and electrical systems as well as the exterior envelop of the structure has failed. Renovation is critical to preserve and maintain the facility. While serving as a multipurpose facility, Hulman Center also provides a learning laboratory for Sport Management and Athletic training majors. The ability to work with student athletes in a real-life setting is an essential part of these programs.

Funding: The project is estimated to cost $50,000,000 and will be funded with fee replacement ($37,500,000 – appropriated in 2015), gifts ($1,000,000), cash ($4,750,000), and non-fee replacement debt ($6,750,000).

Additional Staff Notes:

Staff recommends approval of the project.

PROJECT SUMMARY AND DESCRIPTION

FOR: INDIANA STATE UNIVERSITY - HULMAN CENTER RENOVATION

Institution: Indiana State University
Campus:

Budget Agency Project No.: C-1-18-2-02
Institutional Priority:

Previously approved by General Assembly: Yes

Previously recommended by CHE: No

Part of the Institution's Long-term Capital Plan: Yes

Project Summary Description:

Indiana State University requests authorization to proceed with a $50 million renovation of Hulman Center of which $37.5 million in fee replacement was provided by the 2015 session of the Indiana General Assembly. The remainder of the project will be funded from non-State sources. Hulman Center serves as a multipurpose facility that accommodates a variety of university and community events. Constructed in 1973, the mechanical and electrical systems as well as the exterior envelope of the structure has failed. Renovation is critical to preserve and maintain this facility.

Summary of the impact on the educational attainment of students at the institution:

While serving as a multipurpose facility, Hulman Center also provides a learning laboratory for Sport Management and Athletic training majors. The ability to work with student athletes in a real-life setting is an essential part of these programs. A renovated Hulman Center will enhance opportunities for these students to gain skills for success in their careers.

Project Size: 183,427 GSF | 130,428 ASF | 71.11% ASF/GSF

Net change in overall campus space: 0 GSF | 0 ASF

Total cost of the project (1): $ 50,000,000

Cost per ASF/GSF: $273 GSF / $383 ASF

Funding Source(s) for project (2):

$ 37,500,000	- IC-21-34-6 through 10 Fee Replacement
$ 1,000,000	- Gifts
$ 4,750,000	- Cash
$ 6,750,000	- IC-21-34-6 through 10 Non-Fee Replacement

Estimated annual debt payment (4):

$ 2,945,643	- IC-21-34-6 through 10 Fee Replacement
$ 530,216	- IC-21-34-6 through 10 Non-Fee Replacement

Are all funds for the project secured: Yes

Estimated annual change in cost of building operations based on the project: $0

Estimated annual repair and rehabilitation investment (3): $ 548,005

(1) Projects should include all costs associated with the project (structure, A&E, infrastructure, consulting, FF&E, etc.)

(2) Be consistent in the naming of funds to be used for projects. If bonding, note Bonding Authority Year (1965, 1929, 1927, etc.)

(3) Estimate the amount of funding the institution would need to set aside annually to address R&R needs for the project. CHE suggests 1.5% of total construction cost

(4) If issuing debt, determine annual payment based on 20 years at 4.75% interest rate

- If project is a lease-purchase or lease, adjust accordingly. Note the total cost of the lease in the project cost, and annual payments in project description

PROJECT DETAILED DESCRIPTION - ADDITIONAL INFORMATION

FOR: INDIANA STATE UNIVERSITY - HULMAN CENTER RENOVATION

Institution:	Indiana State University	**Budget Agency Project No.:**	C-1-18-2-02
Campus:		**Institutional Priority:**	

Description of Project

Located on the campus of Indiana State University, Hulman Center is a multipurpose facility intended to accommodate a wide range of University and community events. Constructed in 1973, Hulman Center is the only campus venue that can accommodate large crowds for student convocations, commencement, speakers, and other special events. The bowl area seats approximately 10,000. As the building has aged over the past 45 years, the infrastructure of the facility is failing and in need of replacement. The mechanical systems, windows, and exterior envelope are all original to the building. The renovated facility will also provide needed additional academic space for Sport Management and Athletic Training programs.

Need and Purpose of the Program

A major renovation of Hulman Center has been a part of the Campus Master Plan since 2009. The proposed renovation includes the following goals:

1. Replace outdated and obsolete mechanical and electrical systems – The existing air handling units, HVAC, and electrical systems are original to the building and are beyond the expected useful life. It currently is impossible to adequately control the temperature in the facility because of aging HVAC systems, failing controls, and lack of automation. General electrical upgrades to the facility include replacement of all electrical distribution, panels, substation, and wiring devices.

2. Meeting safety standards – installation of guardrails and safety restraint systems is needed on key areas of the existing catwalk above the bowl area. A new fire protection system is also required to ensure safety of occupants to the latest requirements of the Indiana Fire Code.

3. Exterior Envelope – the metal panel cladding system used as the exterior envelope has rusted in many places throughout the building. The panels have interlocking tongue and groove vertical joints that are reliant upon sealant for water tightness. Over the years the sealants have failed repeatedly allowing water intrusion into the building. The project includes a replacement of this panel system along with a new curtain wall glazing system.

Space Utilization

The project is a renovation of existing space. No new space is being added.

Comparable Projects

There are no comparable projects at this time. The University has maintained Hulman Center to the extent possible given the limited resources available. In order to address mechanical, electrical, and infrastructure needs the fee-replacement appropriated for this project is needed.

Background Materials

The renovation of Hulman Center was authorized by the 2015 session of the Indiana General Assembly. Ratio Architects has provided architectural and engineering services for the project. Bond authority IC-21-34-6 through 10 would be utilized to issue a combination of fee replaced and non-fee replaced debt for funding of the renovation. Non-fee replaced debt will be repaid through interest income generated from University investments.

CAPITAL PROJECT REQUEST FORM
INDIANA PUBLIC POSTSECONDARY EDUCATION
INSTITUTION CAMPUS SPACE DETAILS FOR INDIANA STATE UNIVERSITY - HULMAN CENTER RENOVATION

(Hulman Center Renovation C-1-18-2-02)	Current Space in Use	Space Under Construction (1)	Space Planned and Funded (1)	Subtotal Current and Future Space	Space to be Terminated (1)	New Space in Capital Request (2)	Net Future Space
A. OVERALL SPACE IN ASF							
Classroom (110 & 115)	110,312	10,100		120,412			120,412
Class Lab (210,215,220,225,230,235)	217,240	1,800		219,040			219,040
Non-class Lab (250 & 255)	51,078	1,510		52,588			52,588
Office Facilities (300)	449,023	30,739		479,762			479,762
Study Facilities (400)	170,784			170,784			170,784
Special Use Facilities (500)	272,481			272,481			272,481
General Use Facilities (600)	349,724	5,851		355,575			355,575
Support Facilities (700)	188,610			188,610			188,610
Health Care Facilities (800)	15,562			15,562			15,562
Resident Facilities (900)	857,155			857,155			857,155
Unclassified (000)	9,345			9,345			9,345
B. OTHER FACILITIES							
(Please list major categories)				-			-
TOTAL SPACE	2,691,314	50,000	-	2,741,314	-	-	2,741,314

Notes:
(1) Space includes the expansion of the College of Health and Human Services facility as approved by the 2015 session of the Indiana General Assembly.

- Space/Room codes based on Postsecondary Ed Facilities Inventory and Classification Manual (2006)

CAPITAL PROJECT COST DETAILS

FOR: INDIANA STATE UNIVERSITY - HULMAN CENTER RENOVATION

Institution:	Indiana State University	**Budget Agency Project No.:**	C-1-18-2-02
Campus:		**Institutional Priority:**	

ANTICIPATED CONSTRUCTION SCHEDULE

	Month	Year
Bid Date	February	2018
Start Construction	March	2018
Occupancy (End Date)	August	2020

ESTIMATED CONSTRUCTION COST FOR PROJECT

	Cost Basis (1)	Estimated Escalation Factors (2)	Project Cost
Planning Costs			
a. Engineering	$ 500,000		$ 500,000
b. Architectural	$ 2,815,027		$ 2,815,027
c. Consulting (including abatement)	$ 775,000		$ 775,000
Construction			
a. Structure	$ 20,541,584		$ 20,541,584
b. Mechanical (HVAC, plumbing, etc.)	$ 8,588,865		$ 8,588,865
c. Electrical	$ 6,414,486		$ 6,414,486
Movable Equipment	$ 1,200,000		$ 1,200,000
Fixed Equipment	$ 2,000,000		$ 2,000,000
Site Development/Land Acquisition	$ 2,188,764		$ 2,188,764
Other (Contingency)	$ 4,976,274		$ 4,976,274
TOTAL ESTIMATED PROJECT COST	**$ 50,000,000**	**$ -**	**$ 50,000,000**

(1) Cost Basis is based on current cost prevailing as of: (August 2017)

(2) Explain in the Description of Project Section of the "Cap Proj Details" schedule the reasoning for estimated escalation factors

CAPITAL PROJECT OPERATING COST DETAILS

FOR: INDIANA STATE UNIVERSITY - HULMAN CENTER RENOVATION

Institution:	Indiana State University	**Budget Agency Project No.:**	C-1-18-2-02
Campus:		**Institutional Priority:**	

GSF OF AREA AFFECTED BY PROJECT 183,427

ANNUAL OPERATING COST/SAVINGS (1)

	Cost per GSF	Total Operating Cost	Personal Services	Supplies and Expenses
1. Operations	$ -	$ -		
2. Maintenance	$ -	$ -		
3. Fuel	$ -	$ -		
4. Utilities	$ -	$ -		
5. Other	$ -	$ -		
TOTAL ESTIMATED OPERATIONAL COST/SAVINGS	$ -	$ -	$ -	$ -

Description of any unusual factors affecting operating and maintenance costs/savings.

There is no anticipated change in the operating cost after renovation.

(1) Based on figures from "Individual Cap Proj Desc" schedule

COMMISSION FOR HIGHER EDUCATION
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BUSINESS ITEM E: **Capital Projects for Expedited Action**

Staff Recommendation

That the Commission for Higher Education recommends approval to the State Budget Agency and the State Budget Committee of the following projects:

- Purdue University West Lafayette – Agricultural & Biological Engineering Building Renovation & Addition
- Purdue University West Lafayette – Heine Pharmacy Building Student Collaboration & Study Space Renovation
- Purdue University West Lafayette – Hillenbrand Residence Hall Bathroom Renovation & Sewer Replacement Phase I
- Purdue University West Lafayette – Lynn Hall of Veterinary Medicine HVAC Renovation
- Purdue University West Lafayette – Stewart Center HVAC Renovation
- Purdue University West Lafayette – University Residences Bathroom Renovation Phase VII – Earhart Residence Hall
- Indiana University System – Repair and Rehabilitation Capital Appropriation
- Indiana University Purdue University Indianapolis – Tower Garage Renovation & Multi-Building Lighting Improvements

Background

Staff recommends approval to the State Budget Agency and the State Budget Committee of the following capital projects in accordance with the expedited action category originated by the Commission for Higher Education in May 2006. Institutional staff will be available to answer questions about these projects, but the staff does not envision formal presentations.

Supporting Document

Background Information on Capital Projects on Which Staff Proposes Expedited Action, September 14, 2017

Capital Projects on Which Staff Proposes Expedited Action
September 14, 2017

B-1-17-1-01 Purdue University West Lafayette – Agricultural & Biological Engineering Building Renovation & Addition

The Trustees of Purdue University request to proceed with the planning, financing, construction and award of the construction contract for the Agricultural and Biological Engineering (ABE) Building Renovation and Addition on the Purdue West Lafayette Campus. The ABE project will better accommodate cell and molecular biology, wet chemistry, bio-process equipment, computing research and teaching space in support of Purdue Moves Expanding Engineering and Plant Sciences initiatives. The project includes the demolition of the existing southern portion of the facility, construction of a new 125,000 gross square feet addition and renovation of the existing 37,250 gross square feet northern portion of the facility. Other benefits of this project include the further development of cutting edge research and instructional excellence in the field of agricultural and biological engineering, lab spaces with flexible layouts for instruction and design and the consolidation of ABE resources that are currently spread across the campus. The estimated cost of this project is $80M and will be funded from Bond Proceeds ($69M) and Gift Funds ($11M). This project was the university's Priority 1 request for the 2017-2019 budget session, recommended by the Commission, and funded by the General Assembly.

B-1-18-2-01 Purdue University West Lafayette – Heine Pharmacy Building Student Collaboration & Study Space Renovation

The Trustees of Purdue University request to proceed with the planning, financing, construction, and award of the construction contract for the Heine Pharmacy Building Student Collaboration and Study Space Renovation project on the Purdue West Lafayette Campus. This project will renovate the space recently vacated by the Pharmacy library as a result of its move to the Wilmeth Active Learning Center. The area will include new office space for staff and additional study and collaboration space for students. In addition, a new ramp will be added that will provide access to the mezzanine level to current Americans with Disabilities Act (ADA) standards. Other benefits of this project include the provision of student common space that the College of Pharmacy is currently lacking, as well as the creation of small-group student study rooms. The estimated cost of this project is $2.1M and will be funded with University Funds.

B-1-18-2-06 Purdue University West Lafayette – Hillenbrand Residence Hall Bathroom Renovation & Sewer Replacement Phase I

The Trustees of Purdue University request to proceed with the planning, financing, construction and award of the construction contract for the Hillenbrand Residence Hall Bathroom Renovation and Sewer Replacement Phase I project on the Purdue West Lafayette Campus. This project will be the first phase of a planned four phase sewer replacement and bathroom repair in the Hillenbrand Residence Hall. Phase I work will take place in the east wing of the east tower and focus on the replacement of the original, aging plumbing and sewer infrastructure, which will necessitate the demolition of a portion of the bathrooms, including the removal of some fixtures. As part of the project, these areas will be repaired, new fixtures would be installed and some work will

be done to ensure the bathroom aesthetic is cohesive. Other project benefits include increasing the reliability of the plumbing and sanitary systems and providing updates to the original finishes for a more modern appearance. The estimated cost of this project is $2,368,000 and will be funded from University Funds – Auxiliary Reserve.

B-1-18-2-03 Purdue University West Lafayette – Lynn Hall of Veterinary Medicine HVAC Renovation

The Trustees of Purdue University request to proceed with the planning, financing, construction and award of the construction contract for the Lynn Hall of Veterinary Medicine HVAC Renovation project on the Purdue West Lafayette Campus. This project will install a new heating, ventilation and air conditioning (HVAC) unit to serve the basement and western portion of the ground floor for small animal and basic science areas of Lynn Hall. An additional HVAC unit will be installed to serve the northeast portion of the second floor and the north portion of the first floor. This work will also increase the hot water capacity for Lynn Hall and will modernize and improve air handling quality and capacity. The estimated cost of this project is $2,395,000 and will be funded from State Appropriation R&R ($1,676,500) and University Funds ($718,500)

B-1-18-2-02 Purdue University West Lafayette – Stewart Center HVAC Renovation

The Trustees of Purdue University request to proceed with the planning, financing, construction and award of the construction contract for the Stewart Center HVAC Renovation project on the Purdue West Lafayette campus. The project includes renovation to heating, cooling and air handling systems that serve the Fowler Library area. This project will modernize and improve the air handling capacity, replacing the aging and poorly functioning air handling units and heating equipment. The estimated cost of this project is $3,448,000 and will be funded from State Appropriation R&R ($2,590,070) and University Funds ($857,930).

B-1-18-2-05 Purdue University West Lafayette – University Residences Bathroom Renovation Phase VII – Earhart Residence Hall

The Trustees of Purdue University request to proceed with the planning, financing, construction and award of the construction contract for the University Residences Bathroom Renovation Phase VII – Earhart Residence Hall project on the Purdue West Lafayette Campus. This project is the seventh of nine planned phases of the University Residences H-hall bathroom renovations on the West Lafayette campus. This phase will complete the work in Earhart Residence Hall and will reconfigure and renovate approximately 7,070 gross square feet of community bathrooms on the first through the eighth floors of the east tower. This work will replace the original, aging plumbing infrastructure and reconfigure the space to provide ADA accessibility, greater privacy and an updated appearance. Other project benefits include new electrical, plumbing, and exhaust systems to serve larger restrooms with more showers, greater privacy, updates to finishes, and improvements in alignment with accessibility requirements. The estimated cost of this project is $4,998,000 and will be funded from University Funds – Auxiliary Reserve.

A-0-18-6-03 Indiana University System – Repair and Rehabilitation Capital Appropriation

The Trustees of Indiana University request a portion of the university's 2017-2018 Repair and Rehabilitation Allotment totaling $13,128,703. In April 2017, the Indiana House and Senate passed the State's 2017-2019 biennial budget that was enacted in House Bill 1001. The legislation included a total appropriation of $26,257,406 for repair and rehabilitation of Indiana University's facilities and infrastructure. This amount was recommended by the Commission and funded over a two-year period. Indiana University is requesting to proceed with approximately 150 critical projects across all campuses.

A-2-18-2-01 Indiana University Purdue University Indianapolis – Tower Garage Renovation & Multi-Building Lighting Improvements

The Trustees of Indiana University request to proceed with the renovations of four parking garages at IUPUI. The Tower Garage, including the surrounding hardscape and landscape, will be renovated to address recurring water infiltration issues as well as upgrade aging fire sprinkler and lighting systems. Lighting in the Vermont Street, Blackford Street, and Barnhill parking garages also will be updated to more cost- and energy-efficient systems that will improve safety conditions within the garages. The estimated cost of this project is $5.3M and will be funded by Parking Operations Renovation Funds.

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INFORMATION ITEM A: **Academic Degree Programs Awaiting Action**

	Institution/Campus/Site	Title of Program	Date Received	Status
01	Indiana State University	Bachelor of Science in Intelligence Analysis	5/30/2017	On CHE Agenda for Action
02	Indiana University Purdue University Fort Wayne	Bachelor of Science in Biochemistry (Purdue University)	6/19/2017	On CHE Agenda for Action
03	Indiana University Bloomington	Doctor of Public Health in Population Health	6/29/2017	Under Review
04	Indiana University Bloomington	Master of Environmental Sustainability	6/29/2017	On CHE Agenda for Action
05	Indiana University Bloomington	Master of Science in Intelligent Systems Engineering	6/29/2017	On CHE Agenda for Action
06	Ivy Tech Community College	Associate of Applied Science in Professional Flight	7/6/2017	On CHE Agenda for Action
07	Ivy Tech Community College	Associate of Science in Psychology	7/6/2017	On CHE Agenda for Action
08	Indiana University-East, Kokomo, and Southeast	Master of Arts in Mental Health Counseling	8/25/2017	Under Review

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INFORMATION ITEM B: **Academic Degree Program Actions Taken By Staff**

	Institution/Campus/Site	Title of Program	Date Approved	Change
01	Ivy Tech Community College	Technical Certificate in Paralegal Studies	9/1/2017	Adding a certificate
02	Indiana University Purdue University Indianapolis	Certificate in Public Health (IU)	9/1/2017	Changing the credit hours
03	Indiana University Purdue University Indianapolis	Graduate Certificate in Human Resources Development (PU)	9/1/2017	Changing the credit hours
04	University of Southern Indiana	Bachelor of Science in Engineering	9/1/2017	Adding locations to a program
05	Purdue University West Lafayette	Dean's Scholar Certificate	9/1/2017	Changing the name of a program
06	Purdue University West Lafayette	Leadership Development Certificate	9/1/2017	Splitting a degree
07	Purdue University West Lafayette	Learning Beyond the Classroom Certificate	9/1/2017	Changing the name of a program
08	Purdue University West Lafayette	DiversiKey Certificate	9/1/2017	Splitting a degree
09	Indiana University Bloomington	Bachelor of Arts/Bachelor of Science in Psychology	9/1/2017	Changing the CIP code

	Institution/Campus/Site	Title of Program	Date Approved	Change
10	Indiana University Bloomington	Master of Arts in Psychology	9/1/2017	Changing the CIP code
11	Indiana University Bloomington	Doctor of Psychology	9/1/2017	Changing the CIP code
12	Ball State University	Master of Arts/Master of Science in Interior Design	9/1/2017	Splitting a degree
13	Ball State University	Master of Arts/Master of Science in Residential Property Management	9/1/2017	Splitting a degree
14	Ball State University	Bachelor of Arts/Bachelor of Science in Industry and Technology	9/1/2017	Eliminating a program
15	Ball State University	Bachelor of Arts/Bachelor of Science in Family and Consumer Sciences	9/1/2017	Eliminating a program
16	Purdue University West Lafayette	Master of Science in Psychology	9/1/2017	Changing the CIP code
17	Purdue University West Lafayette	Doctor of Psychology	9/1/2017	Changing the CIP code
18	Ball State University	Bachelor of Arts/Bachelor of Science in Fashion Merchandising	9/1/2017	Splitting a degree
19	Ball State University	Bachelor of Arts/Bachelor of Science in Apparel Design	9/1/2017	Splitting a degree
20	Indiana University Bloomington	Ed.S. in Mental Health Counseling	9/1/2017	Changing the name and the CIP code
21	Vincennes University	Associate of Science in Information Technology	9/1/2017	Changing the CIP code
22	Vincennes University	Certificate of Graduation in Information Technology	9/1/2017	Changing the CIP code

	Institution/Campus/Site	Title of Program	Date Approved	Change
23	Ivy Tech Community College-Bloomington	Associate of Applied Science in Fire Science	9/1/2017	Adding locations to a program
24	Ivy Tech Community College-Fort Wayne & Terre Haute	Certificate in Collision Repair	9/1/2017	Adding a certificate
25	Indiana University Bloomington	M.S.Ed. in Mental Health Counseling and Counselor Education	9/1/2017	Splitting a degree

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INFORMATION ITEM C: **Media Coverage**

Staff has selected a compilation of recent media coverage related to the Commission for the September meeting. Please see the following pages for details.

Inside Indiana Business
'Roadtrip' to Spark Career Connections
Andy Ober
August 9, 2017

One of the students leaving today on "Roadtrip Indiana" says she expects an "awakening" of what Indiana is about. Purdue University senior Shannon Newerth is joining two other Indiana students on a two-week RV trip throughout the state to take part in career exploration and work-based learning opportunities. The trip, organized in part by the Indiana Commission for Higher Education and several private partners, will be the subject of an upcoming public television documentary.

As part of the trip, the students will interview employers and explore key industries in Indiana's evolving economy. The students were chosen through an application and interview process led by Roadtrip Nation conducted this spring.

"Roadtrip Indiana" is the result of a partnership with Roadtrip Nation, which bills itself as a career exploration organization that produces a television series, career guide, online content and classroom curriculum. Other partners include the Strada Education Network, TechPoint, Columbus-based Cummins Inc. (NYSE: CMI), First Source Bank, EmployIndy, the Indiana Department of Education, the Indiana Department of Workforce Development, the Indiana Chamber of Commerce and Indiana INTERNnet.

Governor Eric Holcomb joined education and business leaders today for a send-off celebration at the Indianapolis Motor Speedway. He says helping connect students with in-demand careers "while showcasing the dynamic range of job opportunities right here in Indiana is an important step in keeping our state's best asset - our people."

The roadtrippers are:

Shannon Newerth from Beech Grove, a 21-year-old plant science major at Purdue University
Dengke Wang from Portage, a 19-year-old Purdue engineering student
Jaedyn Zavala from Kokomo, an 18-year-old community college student who hopes to enter veterinary school

You can follow their trip by clicking here. Employers that want to contribute to the organization's career advice hub can click here.

Indy Chamber
JA JobSpark: Sparking Early Interest in Indy's High-Tech Careers
August 4, 2017

In a few weeks, classes will be underway on college and university campuses across Indiana…and one trend is certain to continue: Each incoming group of freshmen are a little more tech-savvy than the last, using their devices for studying, socializing and streamlining their daily routines.

But for some students, technology isn't just a tool – it's a career plan. Majors like computer science, programming and computer engineering offer lucrative opportunities to new college grads: According to

the Indiana Commission for Higher Education, the typical tech graduate (bachelor's degree) can expect to earn nearly $50,000 a year out of school – 50% more than the average of all four-year degrees in Indiana.

These healthy paychecks match a healthy demand for computer skills across nearly every industry, and a recent boom in Indy's technology sector. But many young people may not make the connection that the technologies that make their lives easier can also pay off with a rewarding career. It's never too early to spark their interest and imagination.

In late September, Marion County 8th-graders will get a first-hand look at the wide array of high-tech job opportunities waiting for them after college, from software engineering to social media, network administration and tech support.

This glimpse into the high-tech future comes courtesy of JA JobSpark. As we've written before, JA JobSpark is a hands-on career expo for Indianapolis 8th graders. The two-day event will be held on September 26th and 27th this year at the Indiana State Fairgrounds; Junior Achievement of Central Indiana organizes the event with support from a coalition of business and industry leaders, educators, and public sector partners.

JA JobSpark gives students an up-close, hands-on look at Indianapolis companies in our fastest-growing industries – and no sector is enjoying stronger momentum or commanding more headlines than Indy's technology economy.

We've covered many highlights of this high-tech hot streak, but to recap:

- In the annual 'Tech Thirty' report released Fall 2016 by commercial real estate firm CBRE, Indy ranked 5th among major metros for tech employment gains over the last two years (outpacing even Silicon Valley);
- Indy is adding high-tech computer systems and data jobs at twice the rate of other big cities, based on a 2016 Brookings Institution analysis;
- In 2016, Forbes has called Indy an emerging "tech hub on the move," while a 2017 New York Times feature noted that "the city has steadily, if quietly, become a center for new technology, particularly software."
- The industry keeps growing – technology leads the way in recent corporate investment and job commitments, according to the Indy Partnership, with homegrown start-ups ramping up with help from co-working and accelerator facilities like DeveloperTown and Launch Fishers;
- Looking beyond Central Indiana, 22 Indiana tech companies made the 2017 Inc. 5000 'Fastest Growing' list;
- All told, the technology sector in Indiana contributes $14 billion in gross regional product annually.

This growth is predicated on talent – the ability of employers to recruit people with specialized skills. Tech companies that invest in Indianapolis want confidence in a strong pipeline of young workers.

Earlier this summer, digital cloud giant Salesforce made Indianapolis just the fourth city in the world – after San Francisco, London and New York – to have a Salesforce Tower. But along with its eye-catching plans to grow its local workforce by 800, the company added another piece of good news that's also a smart investment in the future – adding 500 local apprentices through its FutureForce initiative by 2020. Salesforce, like all progressive, growing businesses, makes people a priority and plans ahead to attract up-and-coming talent.

That's also why the Indy Chamber is a proud partner in JA JobSpark: It's critically important that today's 8th-graders – most of whom will be in the workforce in less than a decade – start thinking about college and career success. While the regional economy will continue to evolve, the program aligns with areas where employer demand will be strong for years to come.

JA expects roughly 2000 volunteers to be on hand coordinating the event on September 26th and 27th, with hundreds of employers – including many of our leading technology companies – connecting with more than 8,500 students from approximately 50 schools across Central Indiana.

There's still time to join us and the rest of the business community in supporting this important endeavor. Check out www.jajobspark.org for more details and opportunities to get engaged. JA JobSpark supports the future of economic development in metro Indy, and shows our young neighbors that when it comes to career ambitions, the sky – or the digital cloud – is the limit.

Indianapolis Business Journal
'Reverse transfer' could be potent tool to bolster Indiana's college-attainment rate
Hayleigh Colombo
August 19, 2017

Ivy Tech Community College has a new focus on transfer students in its latest quest to arm more Hoosiers with college degrees.

President Sue Ellspermann says she sees potential in expanding in Indiana what's known in the higher education world as "reverse transfer."

That's what happens when students are awarded associate degrees after combining credits they earned from both the community college where they started attending classes and the four-year college they transferred to—even if they hadn't completed enough credits at either institution individually to earn a degree.

Proponents, including Ellspermann, say the tactic could help college dropouts increase their pay or get better jobs because they'd have an associate degree on their resumes. Too often, she said, "life gets in the way" for people on their way to earning four-year degrees.

"Having an associate degree has value to your career," Ellspermann said. "They earn more than someone with just some college. At least if they have the associate degree, they can get a better job until life settles down enough that they can go back and finish that [bachelor's] degree."

Though it's more widely deployed in more than a dozen other states, reverse transfer is happening in Indiana on a small scale, typically at the request of individual students who want to use credits from

multiple institutions to earn associate degrees or through agreements inked out among some institutions.

Ivy Tech has awarded 270 associate degrees to students over the last two years using the method. Meanwhile, more than 20,000 students each year transfer credits from Ivy Tech to another institution. And the college says it has relationships with eight Indiana four-year institutions that make reverse transfer easier.

But Ellspermann said if the transfers happened automatically for Indiana students, more than 1,000 former Ivy Tech students each year could be awarded degrees.

"We know there are thousands of students who are not getting this opportunity because they don't know about it and don't understand how easy it really could be," Ellspermann said. "It's in the student's best interest. They have earned it. They deserve it, regardless of if they've moved on."

And there's a benefit for the state as well. Awarding degrees through reverse transfers would help increase the state's college-attainment rate—the number of people with college degrees or high-quality certificates. That rate currently stands at 41 percent; the state's goal is 60 percent by 2025.

"Several thousand additional associate degrees would measurably move and impact the 60 percent goal," Ellspermann said.

The state is currently studying the issue at the behest of the Indiana General Assembly—and some four-year institutions have already endorsed the idea. But some issues still must be hashed out between two-year and four-year colleges, including how state funding for the schools would be affected.

House Bill 1281, passed this spring, charges the Indiana Commission for Higher Education to, by Nov. 1, "study and make recommendations regarding the benefits of a reverse transfer policy for Indiana students."

Sean Tierney, the agency's associate commissioner for policy and planning, told IBJ the study will "attempt to determine practices that best serve Indiana students while balancing costs and other constraints."

"These are complicated processes that require audits of various data systems and strict protocols to ensure that student information is protected," Tierney told IBJ in an email.

It's trending

Currently, the state has 750,000 residents with some college education but no degree. Tierney said the potential of helping those former students makes studying the idea worthwhile.

“Many Hoosiers may have all the skills and knowledge they need for workforce success, but without that piece of paper, they often cannot get their foot in the door or are passed over for promotions,” Tierney said.

Rep. Holli Sullivan, R-Evansville, who authored the bill calling for the study, said state lawmakers have “curiosity and the desire to fully understand” the issue.

“We’ve heard that there is a very strong potential to help Indiana increase educationalattainment,” Sullivan said. “We need to put some more data behind” the proposal.

Nationwide, 16 states have adopted reverse transfer programs—some through state law and some through board policy, according to the national Education Commission of the States, a nonpartisan group that provides policy analysis and education research for all 50 states.

There was a big push for the expansion of reverse transfer in 2012 and 2013, according to Lexi Anderson, a policy analyst at the organization.

The National Student Clearinghouse estimates that some 2 million students nationwide could benefit from such policies.

In states that have uniformly implemented reverse transfer, the results are positive, but not usually dramatic.

A 2015 report from Credit When It’s Due—a multistate initiative that supports reverse-transfer policies—found that programs in Arkansas, Maryland, North Carolina and Ohio contributed to an increase of 1 percent to 3 percent in the number of associate degrees awarded. In Minnesota, the average number of annual associate degrees increased 5 percent; in Hawaii, the increase was 18 percent.

“Folks looked at it as a way to help reach attainment goals and help students find a path forward,” Anderson said.

“It’s sort of like a stepping stone. Reverse transfer can work and I think it can be helpful, but you have to make sure you set it up for success for your state.

“There needs to be really good collaboration between the two-years and the four-years,” she said.

“Technology can always be an issue, depending on what’s available. Those are some hiccups that can make this difficult.”

Cooperation is key

For Indiana, questions remain about how an expansion of reverse transfer would affect higher education funding. Colleges in Indiana are funded in part using a performance system, number of degrees conferred being one of the metrics.

Ellspermann said that’s the major hurdle in the reverse-transfer discussions.

"If Ivy Tech and Vincennes [University] were to claim hundreds or thousands more associate degrees, that would shift the performance funding pie so that less of the pie is left for the four-year institutions," she said.

But Ellspermann is so sold on the idea of helping former students that she said Ivy Tech is willing to split credit for an associate degree "50-50" between the two institutions involved—or not claim any extra money at all.

"We're not pushing reverse transfer for the money," she said. "It's the right thing to do for the student."

The state's four-year institutions also have to be on board.

Purdue University spokesman Brian Zink said Purdue has a long history of collaborating with Ivy Tech and Vincennes. Most of the time, when students transfer to Purdue, it is to achieve a bachelor's degree.

"We are happy, however, to work with a student, at their request, to arrange appropriate transfers for them to receive an associate degree—if the requirements have been met and that is their desire," Zink told IBJ in an email.

Indiana University spokeswoman Margie Smith-Simmons told IBJ the university looks forward to seeing the commission's recommendations.

"We do support the reverse transfer process and have been deeply engaged with the commission and Ivy Tech on this issue," Smith-Simmons said in an email.

John Beacon, senior vice president of enrollment management, marketing and communications for Indiana State University, said that, since 2011, 190 Ivy Tech students who eventually transferred to Indiana State have opted in to be considered for reverse transfer.

"It's not a huge program, but if it's going to encourage citizens to continue their education and complete bachelor's degrees and earn associate degrees along that path, absolutely I'm in favor of it," Beacon said. "It's really a win- win situation."

The Flyer Group
Gov. Holcomb touts state workers' job training in Elkhart
Roger Schneider
August 17, 2017

A new worker-training program and training reimbursement fund for businesses is already getting a lot of interest, according to state officials.

The NextLevel Jobs Indiana program was touted Thursday by Gov. Eric Holcomb and other state officials at Lippert Components in Elkhart. The program is intended to help create more skilled workers in Indiana.

"There are people who are eager to get into these jobs. So what do we do about it? We have to get at this yesterday," Holcomb said of the urgency to deal with the state's worker shortage.

Workforce Development statistics handed out Thursday show there are 94,986 unfilled jobs in Indiana. The state's unemployment rate was 3.1 percent in June, according to STATS Indiana. Elkhart County's official jobless rate that month was 2.3 percent.

Jason Lippert, CEO of Lippert Components, said Thursday he believes the local jobless rate is just 1.4 percent. The July unemployment numbers will be released today.

"We have recognized, getting around all 92 counties in the state, that employers are saying 'I will hire right now, 10, 20, 100, 500 employees right now today if we could skill-up those folks,'" Holcomb said. "So the state of Indiana is stepping forward and we want to be a part of that solution."

The General Assembly approved funding of the NextLevel Jobs Indiana program last spring, according to Holcomb.

The program was first announced Monday and already Hoosier workers are signing up.

"I am delighted to say that, in three days, we have had about 1,200 Hoosiers who have gone to the website and filled out the application," said Teresa Lubbers, commissioner of the Indiana's Commission for Higher Education.

"I think that means it is the right idea at the right time," she added.

The state's goal is to have 60 percent of all Hoosiers hold a post-high school certificate or degree, according to Lubbers. Currently, 41 percent of the state's residents have such accreditation.

"If Hoosiers don't have those qualifications, they will be left behind," Lubbers cautioned.

TAKING PART

Lippert said his company will gladly take part in the new training grant program for employers. Lippert supplies components to the recreational vehicle and related industries. The company, which has about $2 billion in revenue annually, employs 9,000 people in North America and Italy.

NextLevel Jobs will provide $2,500 per employee, up to $25,000 annually, for on-site training, according to the governor.

"We have added about 1,200 jobs this year and will add about the same next year," Lippert said.

He said the company currently has 500 job openings and has its own internal training program.

With few workers available locally, Lippert said his company has advertised job openings in areas of Pennsylvania and Michigan that have higher joblessness.

"The thing we find often is that for families there, it is a little tough for them to move," Lippert said. "It is really difficult for people to leave their hometown where they have been all their life and to make the transition to somewhere where it is foreign."

He added that those people also know that the RV industry is cyclical and downturns do occur.

“At least for the next few years, the business here looks pretty good,” Lippert said.

With many Elkhart County manufacturers scrambling to hire workers even as they expand, Lippert believes manufacturers need help in attracting people to the area.

“This is a big problem,” Lippert said. “The state has to get involved. ... We are going to have to find ways to help communities depressed with jobs to find ways to fund and bring those people here, whether it is relocation or a good start on housing.”

Holcomb indicated that his administration is already working on legislation for 2018 to tackle the worker shortage. He didn’t reveal specifics, but said such initiatives will likely be revealed in the fall as part of the Republican legislative package.

RV INDUSTRY THRIVING

The local worker shortage has arrived as the major industry in the county, that of building recreational vehicles, is thriving. According to the Recreation Vehicle Industry Association, RV makers are expected to produce 470,000 units this year, a 9.6 percent increase over 2016. The year’s total would be a record for the industry.

“It is the good and the bad. The good is that our industry has never been stronger. ... We just need to attack the problem and get people here to help build the product,” Lippert said.

If that doesn’t happen, Lippert said the alternative is to look to other areas of the country for expansions.

“If they don’t fix the problem we are going to have to go where there is labor,” he said.

Lippert already has plants in Idaho, Oregon and California but Elkhart County is known as the “RV Capital of the World.”

“We are taking steps, but it is a lot more difficult to manage,” Lippert said of expanding outside the industry’s core area. “Workforces there are maybe better in terms of availability, but they are not double or triple. I don’t know how you can fight an unemployment rate that is 1.4 percent and dropping.”

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NextLevel Jobs Indiana

Business benefits: Up to $25,000 for businesses at $2,500 per worker for training in middle skill, high-demand and high-wage jobs.

Worker benefits: Covers tuition and fees after financial aid is applied at Vincennes University or Ivy Tech Community College for certification in advanced manufacturing; building and construction; health and life sciences; information technology and business services; and transportation and logistics.

To apply, visit NextLevelJobs.org.

Kokomo Tribune
Indiana State graduation rate up 9 points in three years
Sue Loughlin
August 29, 2017

Indiana State University initiatives to improve graduation and retention rates are having a positive impact, officials say.

ISU's four-year graduation rate is now 28.7 percent, up nearly 3 percentage points over last year and more than 9 points in three years. It is based on freshmen who started in 2013 and graduated by summer 2017.

The 28.7 percent graduation rate is the highest since the 1998 freshman group. Last year, the graduation rate was 25.7 percent, and three years ago, it was 19.3 percent.
+1
Graduation rate up 9 points in three years

Tribune-Star file/Joseph C. GarzaLook at this: An ISU graduate points to her diploma after she accepted it May 13 during the spring commencement.at Hulman Center.
JCG

In 2014, about one in five students graduated in four years, while today, about one in 3.5 students graduate in four years, said Josh Powers, ISU associate vice president for academic affairs.

"We're excited about where Indiana state is moving," he said. He attributes that success in large part to President Dan Bradley's 2009 strategic plan, which "focused energy around student success, across campus and among all staff and faculty."

The graduation rate "is among the toughest metric to move given lag times between initiatives and outcomes," he said. "A 2 percentage point increase annually for a university of our size would be considered strong."

The freshmen-to-sophomore retention rate also has improved to 67.8 percent; last year, it was 64.2 percent, representing a 3.6-point improvement. "It's about multiple initiatives and multiple units working collaboratively," said Linda Maule, dean of University College, which is dedicated to helping first-year students succeed.

ISU also has been making strides in improving minority graduation rates, Powers said.

The four-year African-American graduation rate is up 5.6 percentage points, surpassing the overall campus improvement. "This is important given our focus on closing achievement gaps and how many African-American students ISU enrolls, roughly 18 percent of the student body," Powers said.

ISU is also having success in improving graduation rates for 21st Century Scholars, which is up 7.5 points to 26.2 percent. The university has a large number of Scholars, among the largest of any single campus in Indiana, Powers said. That group of students is close to matching the four-graduation rate for the campus as a whole.

The 21st Century Scholars program is designed to help low-income Hoosiers afford college.

Powers also noted that for African American 21st Century Scholars, the four-year graduation rate increased almost 10 points.

Some of the student success initiatives implemented in recent years include the launching of University College, which provides pro-active advising and intervenes if students face academic challenges or are at risk of dropping out. Also, ISU has provided up to six free credits to 21st Century Scholars during the summer so they can achieve the required number of credits necessary to maintain their full scholarship.

The university has a four-year graduation guarantee for students, which assures eligible students they will be able to complete a bachelor's degree within four years. If not, they will be able to take remaining courses tuition free.

ISU also has a team of graduation specialists who work with juniors and seniors to ensure they take needed courses before financial aid runs out.

Maule also included living/learning communities in in residence halls, the Sycamores Care program that looks after students in distress and the university's Center for Student Success.

The numbers presented by Powers look at all ISU students, whereas similar data from the Commission for Higher Education looks at just Hoosier students.

Jade Bennie, an ISU senior from Indianapolis, said she and her twin sister are the first in their household to attend college; she is a 21st Century Scholars. As an incoming freshman, she started with the nursing program but soon found that "it was more than expected."

Her advisor, Cedric Jones, "was a huge help in changing my major to applied health science." Jones, along with Bennie's peers and professors, "have made a huge impression and impact on my life ... I feel accomplished, accepted, welcomed, and most importantly that I will be successful. ISU has been so helpful in providing tons of resources, workshops, and career development opportunities. ISU has challenged me in some of the best ways to help mold me into the young woman I am today," she wrote in an email.

She was among students who took advantage of the summer "on track" award to help achieve the required number of credits to maintain her 21st Century scholarship.

The Journal Gazette
More college completion boosts state economy
August 4, 2017

Over five years, Indiana has seen across-the-board improvement in college completion rates. The percentage of students graduating on time:

Minorities: 18.7 percent, up 8.5 percent

21st Century Scholars: 23.1 percent,up 8.6 percent

Other low-income students: 21.1 percent, up 9.5 percent

Part-time students: 4.8 percent,up 3.8 percent

All students: 34.5 percent, up 11.3 percent

The old adage, “time is money,” rings particularly true when it comes to higher education. Each college term can add tens of thousands of dollars to a student's debt load, which is why Indiana's steadily improving college completion rates are great news.

The Indiana Commission for Higher Education released an annual report last week showing completion rates improving at campuses across the state. Over the past five years, on-time graduation rates have ticked up by nearly 12 percent at public colleges and universities. Even better news: The completion gap between minority students and students overall has declined by almost half.

Indiana still has work to do. The state ranks 42nd in the nation for percentage of adults with at least a bachelor's degree. Just 24.9 percent of Hoosiers have a four-year degree. The national average is 30.6 percent.

But the report shows encouraging signs of more Indiana students on track to graduate, with impressive gains for students enrolled in Indiana's21st Century Scholars program. The latest figures show 23 percent graduating on time – an increase of nearly 9 percent over five years. The six-year graduation rate for Scholars – who qualify based on financial need – has grown to 46.4 percent. Teresa Lubbers, Indiana commissioner for higher education, pointed out the improvement came with changes in financial aid requirements designed to keep students on track. The percentage of 21st Century Scholars completing at least 30 credit hours a year increased by 14 percent between 2011 and 2014.

Moving the needle on college completion is tough work. As with improvements in K-12 education, colleges and universities must do more than tell students to do better. A changing economy has sent more students to college, resulting in increasing numbers of first-generation students. Colleges and universities have developed support systems for students who can't rely on family advice for scheduling and time management. Improving completion rates show those support systems are helping. Colleges also have benefited from changes in state policy, including student aid requirements that encourage students not just to enroll, but to complete courses.

It's tough to measure the direct effect, but a 2015 state law requiring colleges and universities to advise prospective student borrowers of the likely monthly payment and total payoff on loans they are eligible

to carry undoubtedly is helping students stay on track. Former state Rep. Casey Cox, a Fort Wayne Republican, sponsored the bill as a means of addressing ballooning student debt, but the annual notice students receive has to be a powerful reminder that every semester of enrollment increases total debt.

College completion benefits more than just students. A College Board report last year found median earnings of bachelor's degree recipients working full time were $24,600 a year – 67 percent higher than those of high school graduates. The college graduates paid an estimated $6,900 more in taxes and took home $17,700 more in after-tax income than high school graduates.

The same report finds a four-year college student who enrolls at age 18 and graduates in four years will earn enough relative to the median high school graduate by age 34 to make up for being out of the labor force for four years and for paying full tuition, fees, books and supplies without grant aid.

The key, of course, is graduating on time. Life issues – family and health challenges – always will prevent some students from graduating in two or four years, but efforts by the state and by colleges and universities to continually improve on completion rates are good for students, good for Indiana.