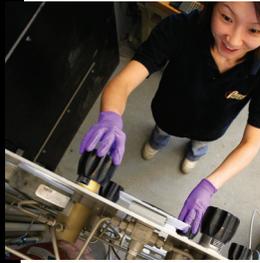


# OPERATING AND CAPITAL BUDGET REQUEST 2013-2015





August 30, 2012

Mr. Adam Horst, Director  
Indiana State Budget Agency  
Room 212, State House  
Indianapolis, IN 46204

Ms. Teresa Lubbers, Commissioner  
Indiana Commission for Higher Education  
101 West Ohio St. Suite 550  
Indianapolis, IN 46204

Dear Partners in Education,

It is my pleasure to submit Purdue University's FY 2013-15 operating, capital, fee replacement, and special state appropriation request. This compilation represents countless hours of effort and is submitted with the approval of our Board of Trustees.

Purdue's strategic plan, *New Synergies*, outlines our vision to provide access to affordable higher education through the Purdue system including its regional campuses, meet the challenges facing humanity, grow and create opportunities for Indiana and the global economies, and enhance student learning for success in a changing world. In the face of recent financial challenges, we have taken action to achieve this vision that is evidenced by our *Sustaining New Synergies Plan* and our *Decadal Funding Plan*. By identifying cost saving opportunities in compensation and benefits, information technology, strategic sourcing and energy conservation, we are already realizing a more efficient and effective Purdue. We are implementing a framework to enable ongoing evaluation and assessment for continuous improvement, while improving the utilization of existing assets through innovative solutions such as an expanded summer with the ultimate objective of establishing a balanced trimester calendar. These concepts, goals and actions were continually incorporated in our decision making, planning and prioritization of this appropriation request.

Understanding the environment of finite resources and competing priorities, we have submitted a request consistent with the direction of the State Budget Agency and the Indiana Commission for Higher Education. One component of the operating appropriation request is the amount determined by the Indiana Commission for Higher Education's performance funding metrics. The results show, among other things, that Purdue has been rewarded for producing more on-time degrees, an increased number of high impact Science, Technology, Engineering and Math (STEM) degrees and overall efficient delivery of services. The Commission asked for improvements in these areas and Purdue has delivered. Looking forward, it is our every intention to show continued improvement in these and additional areas on all of the Purdue campuses.

As we move into a new biennium, we increasingly recognize the value of collaboration with other state institutions for the betterment of Indiana. Finding strategic partnerships by identifying comparative strengths and benefiting from institutional mission differentiation is imperative to maximizing the return on educational investment. By working on multi-institutional initiatives, we are able to create new economic opportunities, reinvigorate waning business sectors, conduct groundbreaking research, and impact more Hoosiers than ever before.

We look forward to opportunities to discuss this request and the details within, as well as share our vision of the future of Purdue University.

Sincerely,



Timothy D. Sands  
Acting President





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## ADVANCING INDIANA

Through engagement, learning and discovery, Purdue advances academic knowledge for the good of Indiana, the United States and the world. Our engagement with prospective students and Indiana communities makes knowledge more accessible, our teaching and learning disseminate and preserve that knowledge and our discoveries expand what there is to know and what can be accomplished for the good of society.

The test of this mission is student success, and Purdue is doing much better than passing. Boilermakers are difference makers and discovery makers, dream makers and fortune makers. At least eleven Purdue graduates are senior executives at Fortune 500 companies, more than any of our peer universities. Our academic programs in the critically important science, technology, engineering and mathematics (STEM) disciplines are world renown. Our graduates, with the help of colleagues and the aid of their Purdue degrees, have made more than 40 space flights, prevented third-world earthquake devastation and taken NASA's "Curiosity" to Mars. Football helmets are safer, arthritis is less debilitating and wheat crops are more prolific because of Purdue discoveries. Thanks to our students, graduates and faculty, the University is helping to feed nations, better the state and save lives.

Enabling today's students to replicate these successes is Purdue's highest priority, and it requires a steadfast commitment to quality.

## Institutional Quality

Institutional quality begins with access to a large and diverse group of students who are prepared to learn at the University level. This foundation is advanced by: 1.) sound advising, which enables students to plan courses of study that cover all required material in the shortest possible time; 2.) outstanding instruction in all classes, including those involving experiential learning; and 3.) meaningful and widely available co-curricular activities. Quality advising, instruction and co-curricular activities together allow a student to finish a degree as soon as possible with the skills required for productive employment or graduate study.

Purdue offers many programs and services to advance these elements of quality while keeping college affordable. Administrators and student leaders, for example, are working together to engrain a "4-3-2-1 countdown to graduation" maxim into Purdue culture. The countdown conveys a set of expectations to students: "Graduate in four years; maintain at least a 3.0 GPA; study two hours for every hour they are in class; and engage in at least one leadership commitment." This aligns well with the Indiana Commission for Higher Education's (CHE) "Reaching Higher" strategic plan. It also is just one of many cost-efficient ways Purdue pursues quality.

Purdue also measures institutional quality by gauging the University's impact outside the direct benefits to graduates. As a top-tier (Carnegie Research/Very High Activity) university, Purdue's impact and reputation is expected to extend throughout Indiana, across the nation and around the globe. Purdue regional campuses, meanwhile, primarily impact the economy of, and have a strong reputation in, the regions in which they are located.

Research is one of Purdue's strongest assets, with far-reaching impact. State and University investments to the Purdue research infrastructure in the past decade are starting to pay dividends. In the following text, the gains described in national rankings, dollars awarded and discoveries made have indisputably improved the overall quality of the institution.





However, two things must occur if Purdue is to continue this momentum. First, Purdue must succeed in its ongoing initiatives to turn more discoveries into businesses and products that fulfill the University's land-grant mission. Second, the state must continue to incentivize research funding. Research funding is essential because it seeds research and development (R&D) that grows the Indiana economy, and it allows half of all Purdue undergraduate students to gain research experience as an important part of their education.

### **Compact with the State**

With its academic quality and global reputation, Purdue is a leading driver of Indiana's economy. Its annual statewide financial impact is in the billions of dollars.

Although the University has risen from humble beginnings on the banks of the Wabash to an internationally acclaimed research institution, Purdue's commitment to its land-grant mission has not wavered. Strengthening the educational and economic capacity of the state continues to be one of the University's highest priorities.

This budget request reiterates the purpose for which the University was founded. It seeks to perpetuate and to grow the immense educational and economic impact Purdue has had and can continue to have on Indiana and its citizens. This impact comes in many ways:

- **Educating the workforce for a new economy.** Indiana is well positioned for job growth in engineering, high-tech manufacturing, advanced agriculture and the life sciences. Purdue prepares the workforce that allows Indiana to compete in these industries.
- **Fostering a culture of entrepreneurship.** The budget seeks to advance Indiana's entrepreneurial culture and to enable student and faculty researchers to advance discoveries into start-up businesses that strengthen Purdue and create high-paying jobs.
- **Strategic alliances.** Purdue forms strategic alliances that spur growth, launch businesses and create jobs. An independent study in 2011 found that the University's alliances with the companies of the Purdue Research Foundation have an annual economic impact in the state of \$1.3 billion.
- **Attracting investment.** Purdue attracts investment to Indiana from outside the Midwest, both because of the human capital the University delivers to the region and because of the University's international networking. For example, Nanshan American Advanced Aluminum Technologies is building a 600,000-square-foot manufacturing facility in Indiana in large part because of ties the company has with international Purdue students.
- **Generating commerce.** In addition to fostering entrepreneurship, training a new workforce, attracting investment and making strategic alliances, Purdue supports Indiana commerce in many other ways. For example, numbers released over the past biennium indicate that the mere presence of international students on Purdue campuses brings in more than \$219 million to the Indiana economy a year. Likewise, U.S. students who come to Purdue from outside Indiana bring dollars into the state. Purdue students as a whole spend more than \$733 million in the state each year.

### **Progress**

During the last biennium, Purdue has made progress toward becoming an even higher-quality university and a university that plays an increasingly larger role in the state's economy. This is reflected in our rankings, awards, students and initiatives.

When it comes to rankings, outside organizations continue to view Purdue among the best academic institutions in the world. For example, in August 2012, the Academic Ranking of World Universities (ARWU), which focuses on research impact, ranked Purdue No. 56 of all universities in the world, public and private. Purdue has risen from No. 69 in 2010, an upward trajectory unmatched by any U.S. university in the top 100.

## OPERATING BUDGET NARRATIVE • 2013–2015

Individual programs in both the undergraduate and graduate schools also are rated very highly. For instance, *U.S. News & World Report* ranks seven Purdue undergraduate programs and three Purdue engineering programs among the 10 best in the country.

Other Purdue colleges have made significant improvements in their rankings in recent years. For example, the MBA program at the Krannert School of Management rose from 17th to 12th, according to the *Financial Times*, and the College of Education climbed from 43rd to 37th this year, 31 spots better than the college's *U.S. News & World Report* ranking in 2008.

In addition to high rankings, numerous faculty recently received recognition. President Barack Obama invited Rakesh Agrawal, a Purdue professor of chemical engineering, to the White House to receive the National Medal of Technology and Innovation, which is the nation's highest honor for technological achievement. Additionally, Purdue professors Ian Kaplan and Alice Pawley each received the Presidential Early Career Award for Scientists and Engineers (PECASE) in 2012. PECASE is the highest honor bestowed by the U.S. government to scientists and engineers who are still developing in their profession. These awards are just a few examples of the caliber of Purdue's expert researchers and the many honors they have received in the past two years.

Purdue students also stood out. The 2011 freshman class arrived with the highest SAT and ACT scores in Purdue history. Such improvements in student preparedness have contributed to an all-time-high first-year retention rate of 90.2 percent and an improving second-year retention rate of 80 percent. The gains are universal, as well, with the retention gap between underrepresented minority students and the general student population shrinking to less than 2.5 percent.

Purdue is building on these improvements through various programs and initiatives designed to strengthen the student experience. For example, Purdue is moving forward with the Center for Student Excellence and Leadership (CSEL). CSEL will supply much-needed meeting space for hundreds of recognized student organizations and activities. The facility will transform the entire student engagement experience by removing barriers to student collaboration as it creates innovative leadership engagement programs that impact the entire student body.

Another program that has strengthened the Purdue academic experience is IMPACT. Launched by the Office of the Provost in 2010, IMPACT improves rates of course completion and student success in foundational courses by systemizing what works in the classroom and replicating it across additional courses. The program targets introductory undergraduate classes with large enrollments, facilitating course redesign that incorporates student-centered teaching and active learning. The redesigned curricula may include online components, group projects and hybrid approaches that combine online and face-to-face learning in innovative spaces. By the end of the 2011-12 academic year, 32 courses had been redesigned. Plans call for revising an additional 10 courses each semester.

### Sustainable Business Model

This progress is not sustainable without continued investment from the state and without continued innovation from the University.

Historic data demonstrate a steady decline in state funding over the past decade. To make up for that loss of state funds, tuition and fees have gone up. That places a larger burden on students and their families. The Purdue administration recognizes that this trend is not sustainable and that we need to generate alternate resources while staying true to our goals.



In order to preserve the value of a Purdue degree, continue generating meaningful research and further Purdue's economic impact, the University began identifying substantial opportunities for new revenue and innovative solutions for enhancing effectiveness and efficiency. The result was the Decadal Funding Plan.

The Decadal Funding Plan is designed to double resource capacity through cost cutting, cost containment, and generation of new revenue. It also looks beyond biennial planning to the long term in order to support the goals in our strategic plan, drive Indiana's economy and increase the impact of Purdue research in a more sustainable way. The plan has three areas of focus:

**1.) Efficient and Effective Purdue** includes the cost-cutting and cost-containment efforts of the Sustaining New Synergies initiative, an Academic Program Assessment led by the Office of the Provost and improved utilization of assets.

For example, a balanced trimester would improve utilization of existing facilities and assets. Based on credit hours taken, Purdue's West Lafayette campus is utilized for academic purposes at less than 10% capacity in the summer, which permits extensive construction on campus and allows summer camps, conventions and conferences to use facilities. Full-year academic utilization offered by a balanced trimester calendar would provide increased tuition and fee revenues without raising rates as well as offer more flexibility and shorter time to degree for students, and greater schedule flexibility for faculty.

**2.) Global Purdue** is focused on increasing Purdue's footprint online through educational offerings as well as by expanding our global partnerships with companies and institutions. Purdue has great potential to "project beyond the walls" through blended learning, traveling mini-campuses and online approaches that would expand the number of traditional students and lifelong learners we serve. Concepts include:

- Nimble graduate and professional curricula driven by Purdue research centers at the leading edge of demand.
- Greater presence online in other countries, fed by a growing reputation from our international alumni base.
- New models for delivery of content and assessment of the need for additional certificate or special degree programs.
- Continued partnership with Ivy Tech Community College-Lafayette to share resources and create a seamless higher-education community.
- Expansion of existing Extended Campus initiatives using an enhanced incentive-based model driven by a keen knowledge of the marketplace, areas of existing strengths and relationships, and a rapid-response ability to meet customer need.

The most significant development in this focus area to date is PurdueHUB-U, which produces an Internet educational experience featuring top Purdue instructors in interactive online courses. They appeal to both independent learners who are unaffiliated with a university as well as academic institutions that purchase the modules for use in credit-bearing courses. In the initial offerings through a pilot project known as nanoHUB-U, nearly 900 students enrolled worldwide, paying a nominal fee. The platform for PurdueHUB-U known as HUBzero offers a collaborative environment that provides seamless access to computationally intensive simulations. PurdueHUB-U has promise not only for engaging students globally but also for enhancing learning outcomes for our residential students who utilize the technology in "flipped classroom" settings.

**3.) Innovative Purdue** has three major elements:

- The focus of the Innovation Commercialization Center (ICC) is on the development and commercialization of University-owned intellectual property. It is modeled to move innovations across "the valley of death" into the marketplace. It will provide a single point-of-entry for support services, including industrial partnerships, for gap, pre-seed, proof-of-concept and tech-based enterprise seed ventures. ICC will focus on nanotechnology, energy and environment, and information technologies.

- The Purdue Applied Research Institute (PARI) will be a contract research entity that will provide external organizations with fee-for-service contract research. Offerings would be based on Purdue's faculty expertise, targeting client areas that include aviation materials 3D-modeling and aviation bio-fuels testing, laser-based manufacturing, high-stress advanced manufacturing environments, novel analytical chemistry applications from redesigned mass spectrometry tools, and information assurance and safety.
- The Purdue International Academy will deliver customized programs to industry and government agencies through local or online courses.

We are analyzing and developing business plans for each opportunity, but they are dependent upon the state continuing to provide support at a rate that is at least consistent with inflation. Likewise, it is crucial to have state support for our plan for stewardship and renewal of the University's physical infrastructure to achieve environmental and financial sustainability.

### Investments in Research

Research at Purdue is possible through a combination of financial support from a sponsoring agency and the University. Research expenditures for any given fiscal year include sponsor support for direct costs, sponsor support for indirect costs, Purdue's direct contributions to research and Purdue's support for unrecovered indirect costs.

Sponsor support for direct costs typically includes compensation of employees for performance of work directly related to the sponsored project; related fringe-benefit costs; the costs of materials consumed in the performance of the work; and other expenses incurred for the sponsored agreement, such as travel, consulting and subcontractor expenses. Sponsor support for indirect costs, also termed overhead costs or facilities and administrative (F&A) costs, are those that are incurred for common or joint objectives and therefore cannot be identified readily and specifically with a particular sponsored project.

Purdue's direct contributions often include employee compensation, associated fringe benefits, equipment and materials expenses, and other costs for facilities. The rate for F&A funds recovered from sponsoring agencies is negotiated with the federal government and typically does not cover all submitted costs. Various federal agencies and foundations also place restrictions on the amount of F&A recovered from their sponsored projects, making it incumbent upon the University to invest its own funds to meet the needs required by a sponsored project, such as cost sharing, or other F&A costs not directly related to the sponsored project.

As administrators leading the future of discovery, it is the University's responsibility to ensure that our laboratories are equipped and ready to advance discovery. Purdue must also contribute to funding new research initiatives that have the capability to push the boundaries of discovery.

### REGIONAL CAMPUSES

#### Purdue University Calumet

Nearly 10,000 students attend Purdue University Calumet's 17-building, 167-acre neighborhood campus and Academic Learning Center. Established in 1946, the institution offers baccalaureate and master's degrees plus professional certificates in more than 80 fields of study. Purdue Calumet is one of the few universities nationally to have formally adopted experiential learning — the structured integration of traditional classroom and textbook learning with the applied learning that occurs within a work-related, real world environment — as a requirement of all baccalaureate degree-seeking students.



Four University goals describe our framework for institutional growth. Our budget request provides the necessary financial support for these goals. They are:

1. Academic Excellence.
2. Learning through Engagement and Discovery.
3. Inclusivity.
4. Community and Business Partnerships.

### **Academic Excellence**

Faculty and student quality are key factors in achieving academic excellence, and our budget calls for support of both. To recruit and keep a distinguished faculty, we must provide competitive compensation and benefits as well as financial support for professional development. Our budget also funds a variety of activities critical to student success, including curriculum, instruction, academic risk management, enrollment management, student engagement and other important elements.

### **Learning through Engagement and Discovery**

Learning through engagement and discovery has been a strategic differentiator and focal point of Purdue University Calumet programs. Experiential learning is a hallmark of Purdue Calumet. Our comprehensive offering of experiential-based courses enriches learning and makes academic content relevant to real life and the world of work. The University's ambitious program of undergraduate research adds another dimension to the academic experience of our students. The emphasis on student research dovetails with experiential learning and results in an education that straddles the classroom, the laboratory and the world. Our budget provides

funding for these components of Purdue Calumet's innovative teaching and learning.

### **Inclusivity**

Inclusivity means that all individuals are welcomed and feel a part of the University community. At Purdue Calumet, we aim to build a community where persons are respected, and diverse perspectives are not just tolerated but encouraged. The University is also globalizing its curriculum and classrooms by enhancing its coursework with international perspectives and resources, including study abroad programs.

Our budget provides funding for our continuing efforts to make and keep our campus richly diverse and inclusive.

### **Community and Business Partnerships**

Community and business partnerships provide our University with an opportunity to engage the world beyond campus. These partnerships take many forms and help not only those with whom we partner but also faculty, students and staff.

State dollars support the partnerships that Purdue Calumet pursues with its various public constituencies. This financial support advances the academic enterprise on campus and also boosts the economy.

### **Facility Construction and Rehabilitation and Renovation**

Our budget includes funding for routine maintenance of our 167-acre campus and its buildings. Continuing renovation of classroom, laboratory and office space ensures an attractive and productive environment for teaching, learning and research.



Because no new academic building has been funded for Purdue Calumet for many years, the Emerging Technologies Building would close a woeful resource and facilities gap. It also would provide \$7 million of relief to our deferred maintenance backlog by allowing for the demolition of Gyte Annex. Likewise, approval of the Student Wellness and Recreation Center would allow for more student activity opportunities and provide suitable space for the Student Health and Counseling centers.

### Purdue University North Central

Throughout its history, Purdue University North Central (PNC) has been an ever-evolving institution. Due to recent changes in demographics, more students are full-time than part-time; the average age of students is 25; the average student course load is more than 11 credit hours; and dual credit/concurrent courses have grown in popularity. We have also increased enrollment, reaching the goal of more than 5,000 students in the 2010-11 academic year.

Now more than halfway through the strategic plan developed for 2008-14, PNC continues to use this plan to navigate through these changes and to make course corrections as needed during the current economic downturn. The plan focuses on four core areas:

1. Student Access and Success.
2. Communication and Collaboration.
3. Community Involvement.
4. Resources.

### Student Access and Success

- Recruitment and Retention
  - » The campus now offers 22 bachelor's degree programs, including two in engineering. Our goal is to have 25 degree programs by 2014.
  - » PNC is the first campus to adopt the 120-credit-hour limit for degree programs except where accreditation requirements mandate otherwise.
  - » Retention and graduation rate initiatives include: an improved and expanded new-student orientation; a mandatory first-year-experience course; the use of degree-audit software that enables students to track degree progress; encouraging students to register for a year at a time to help them focus on degree completion; and several additional initiatives.
  - » An updated Enrollment Management Plan is currently in development.
- Enrichment of the Student Experience
  - » The campus continues to incorporate service learning into degree programs through the Center for Service Learning and Leadership.
  - » Faculty participation in undergraduate research continues to grow, which then provides students with opportunities to present at state and national conferences.
  - » PNC continues to emphasize recruitment and retention of a diverse population of students.
  - » Building the Student Services and Activities Complex will not only increase space for student activities and athletics but will also permit graduation ceremonies at PNC rather than at Valparaiso University.



## Communication and Collaboration

- PNC has developed mutually beneficial relationships with area schools, other institutions of higher education and local businesses.
- More than 40 high schools and 2,000 students participate in dual credit/concurrent enrollment. We are also pursuing 1+3 programs with several local high schools.

## Community Involvement

- Business and Economic Development
  - » The Center for Economic Development and Research (CEDaR) provides research and other services to the local business community.
- Cultural Awareness and Enrichment
  - » The Student Services and Activities Complex will attract even greater numbers of community events, conferences and programs to our campus, promoting cultural awareness throughout the region.

## Resources

- *Fiscal Resources.* Additional funding will support the strategic plan.
- *Human Resources.* PNC is viewed as a premier employer in its service area, but as new programs are added, additional faculty are needed.
- *Physical Resources.* The need for the Student Services and Activities Complex (SSAC) remains extremely high. Having this facility would enhance student life and assist with retention and graduation rates.

PNC remains focused on the goals of the strategic plan. Continued enrollment adjustment funding and inflation adjustments will improve and support the academic needs on campus. The construction of the Student Services and Activities Complex will enhance the student experience at the campus and will provide an outstanding resource for the communities served.

## Indiana University-Purdue University Fort Wayne

Indiana University-Purdue University Fort Wayne (IPFW) defines quality in many different ways.

The accreditation of academic programs is the traditional indicator of institutional quality. In addition to institutional accreditation, IPFW has 36 accredited programs under the auspices of 12 discipline-specific accrediting bodies.



Student assessment plans also help define quality. In order to answer questions such as, “What do we want students to know and be able to do, and how do we know they are learning it,” all degree programs at IPFW are implementing such plans. This process helps produce continuous improvement plans for student learning.

The comprehensive evaluation of every degree program offered is the third component of ensuring program quality and relevance. Known as academic program review, this process examines program-related issues such as enrollment, faculty credentials, student learning, and student placement after graduation.

Other key indicators of quality are the performance metrics used to track and monitor implementation of the institution’s strategic plan. The performance measures required by the Indiana Commission of Higher Education (CHE) are supported by an

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IPFW tradition of successfully bringing its planning efforts to fruition, as demonstrated by the use of numerous performance measures directly tied to the institution’s strategic plan. The following table illustrates the alignment between IPFW goals and CHE goals.

IPFW Strategic Goals	IPFW Performance Measures	CHE Goals
Foster Learning and Creative Knowledge	Faculty/Student ratio Sections Taught by Full-Time Faculty One-Year Retention Rate Cohort Graduation Rates Student Performance on National Exams Total Grants and Contract Awards	Degree Completion Remediation Success Student Persistence On-Time Completion Learning Outcomes
Develop Quality of Place and Experience	Total Enrollment Total Credit Hours Minority Enrollment Total Financial Aid Student Satisfaction	Cost-Per-Degree Student Debt
Contribute to the Development of the Northeast Indiana Region	Number of Enrollments Offered through Continuing Education Programs	Return on Investment

IPFW also has additional performance measures that are tracked on either a semester cycle or an annual cycle. These measures serve to help IPFW maintain and enhance institutional quality.

To implement this plan, IPFW identified major initiatives that include increasing the number of faculty positions, adding new degree programs, enhancing student support services, reducing the direct costs to students, improving facilities and more actively engaging the region.

Within this framework, the following list delineates budget issues most important to IPFW. It should also be noted that while these are addressed as unique issues, they are interrelated and are the major issues pertaining to student learning and success.

- *Increasing the number of new faculty positions.* Two major IPFW initiatives are to reduce class size and to maintain a student-to-faculty ratio of 16:1. This is important for student learning, but it is also the single best strategy to increase retention and graduation rates. If funding does not match institutional growth, then class size increases, student learning is impacted and student success is affected.
- *Maintaining competitive faculty salaries.* This is the most critical component to attracting the best talent. Although IPFW has made progress, faculty salaries still lag in comparison to those at peer institutions.
- *Reducing direct costs to students — increasing institutional aid.* This initiative is directly tied to the institution’s goals of increasing and diversifying enrollment and making higher education more affordable for all students in the region.
- *Improving the overall retention and graduation rate.*
- *Increasing the diversity of faculty, students and staff.*
- *Increasing the number of dual enrolled students.* In fall 2007, IPFW had 349 dual enrolled students generating 1,487 credit hours. By fall 2011, there were 1,903 dual enrolled students generating 8,136 credit hours. This is an important initiative that IPFW will continue to pursue. However, meeting this initiative at the current funding level for dual enrolled students means that IPFW has to reallocate needed resources from other critical needs.

## LINE ITEM REQUESTS

### College of Technology, Statewide Technology Legislative Request

*Cost revenue request for improving and bolstering Indiana job preparation and growth*

**Total Request:** 2013-14 ——— \$923,893      2014-15 ——— \$(250,994)

Statewide Technology is requesting one-time support to create: 1.) regional technology engagement centers to bolster small- and medium-sized companies, 2.) special scholarship opportunities for Ivy Tech students wanting to transfer into Statewide Technology degree programs and 3.) high school science, technology, engineering and math (STEM) cluster opportunities to help prepare high school students for two-year and four-year higher education technical degree programs. The result will be a more skilled workforce in Indiana for businesses needing employees in manufacturing and information technology.

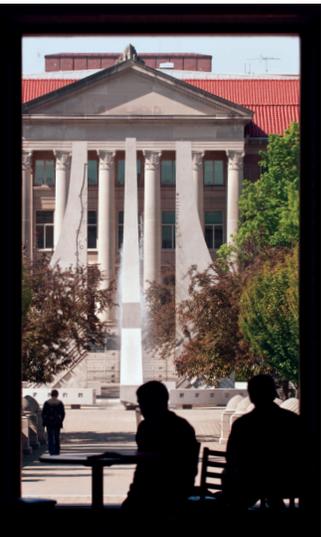
Recurring resources are sought to support: 1.) clearly articulated pathways of technical degree programs between Ivy Tech and College of Technology Statewide programs and 2.) salary/wage and health-care increases for Statewide Technology employees for the coming biennium. This request is critical for Statewide Technology’s success as a vital component in preparing graduates who will contribute to regional economic development and growth across Indiana.

Under the current budget limitations, Statewide Technology cannot meet the needs of a growing state manufacturing economy and improved student access and success across Indiana. Creation of regional technology engagement centers will directly benefit Indiana manufacturers by providing a structured method by which Statewide Technology students and faculty can work with Indiana companies to refine existing products, develop new ones and improve business and/or production practices. These regional engagement hubs would help companies evaluate form, fit and function of potentially new products and processes with technology based at our Statewide Technology locations; field-test functional prototypes to help prevent costly tooling mistakes; verify specifications using contact or non-contact metrology; and optimize manufacturing methods with input from our college experts. Every engagement project would involve students with learning experiences to help complete their education degree program requirements in a real-life manufacturing challenge and would also provide a critical service needed by Indiana manufacturing companies.

Providing a more efficient and seamless educational path for associate of science-degreed Ivy Tech students to enter a bachelor of science technical degree program at a Statewide Technology location will help Indiana companies build the more advanced workforce they need to be more productive and efficient. Scholarship resources targeted to Ivy Tech students who are transferring to Statewide Technology will also be helpful in meeting this critical need of Indiana manufacturers.

The budget request is for a non-recurring \$175,000 for establishing select regional engagement hubs (rapid prototyping, metrology and computer simulation tools); \$100,000 for Ivy Tech student transfer scholarships; and \$100,000 for identifying and working with school corporations to provide STEM technical experiences for higher education access and job preparation. Recurring resources of \$310,000 in the coming biennium fiscal cycle would be used for salary and health-care cost increases (including fringe benefits), and \$120,000 would be designated to create joint student pathways and recruitment efforts between Ivy Tech and Statewide Technology, which would increase the number of Ivy Tech students seeking BS degrees in the technical programs that Indiana companies desperately need. Additionally, the request includes 2.5 percent inflation adjustments to salaries, wages and scholarships.

Statewide Technology continues to evolve its degree program offerings by phasing out associate degree programs and increasing course-by-course and 2+2 articulation with Ivy Tech and Vincennes University. Our Indi-





ana community colleges linked to College of Technology at Statewide Technology locations are vital to growing and improving our state’s significant manufacturing economic base.

## Agricultural Science and Extension for Economic Development (Project Ag-SEED)

*Total Request:* 2013-14 ——— \$3,000,000 2014-15 ——— \$0

### Background

In 1991, the state of Indiana made a financial investment in the Purdue University College of Agriculture. The investment, termed “Crossroads,” has remained at \$7 million since 1998. The Crossroads investment helped change the trajectory of the college and repositioned Purdue Agriculture as a national powerhouse in the agricultural sciences. The investment also dramatically enhanced college support for the state’s agriculture and agricultural sciences industries. Some key developments in the two decades since the original Crossroads investment include:

- Development of the Purdue Agricultural Centers (PACs) and research farms and forests into one of the finest applied research field station networks in the U.S., now supporting more than 340 projects aimed at issues of importance to Indiana agriculture.
- Expansion of basic research capabilities in genetics and genomics, two fundamental areas of science aimed at improvement of plants and animals.
- Support for Rapid Response Teams of Extension Educators and Specialists to provide timely, research-based information during extraordinary events, such as the 2009 flooding in Southwest Indiana and the wet fall harvest of 2010.
- The launch of the Center for Commercial Agriculture to better serve the human capital needs of Indiana farmers.
- Enhanced capacity to serve Indiana agricultural entrepreneurs including INventure, a business-planning website that has been visited well over a million times since its creation in 2004.
- A dramatic increase in research and extension funded by external sources, growing from \$22 million in 1992 to more than \$80 million in 2011. Some 20 percent of these external funds come from the private sector.

Indiana’s agricultural industries contribute \$25 billion and more than 100,000 jobs to the state economy (“Cultivating Trade: The Economic Impact of Indiana’s Agricultural Exports,” Indiana Business Research Center, Indiana University Kelley School of Business, April 2012). Recent white papers and studies have documented the importance of agriculture and agricultural sciences to the state’s future (Biocrossroads, Battelle, Indiana University Public Policy Institute). Indiana has a competitive advantage in agriculture and agricultural sciences given our exceptional soils and climate, location near population centers that creates market proximity, research and processing infrastructure, and strong spirit of collaboration across the sector. Beyond production agriculture, firms such as Dow AgroSciences, Beck’s Hybrids and Elanco Animal Health represent a key element of Indiana’s life science economy. Pork and poultry processors as well as ethanol producers and milling firms add value to Indiana agricultural production.

The state’s agriculture and agricultural sciences industries need a strong university partner that can provide the research and the human capital they need to drive economic growth and jobs for our state. As Indiana positions itself for a future that demands adequate nutrition and energy for 9 billion people





worldwide, the time is right for a bold new investment in the Purdue College of Agriculture that can help drive one of the cornerstones of future economic development for the state.

In this biennium, we propose an increase of \$3 million in Crossroads funding to support investments in agricultural science and extension that will drive economic development in our state. The initiative will have two broad thrusts that are defined below.

#### 1. Innovation in Indiana Plant and Animal Agriculture

This investment in plant and animal agriculture research and extension will expand support for and growth of Indiana’s plant and animal agriculture industries. Initial projects would focus on the following areas:

- *Soil Health Center.* This center would catalyze research and extension faculty and staff working across multiple areas including tillage, conservation practices, fertility, pest management, drainage/irrigation, manure management, etc., to collaborate in more innovative and effective ways to support Indiana farmers.
- *Innovation in Bioproducts.* This initiative would focus on research that would provide the foundation for next-generation biofuels from agricultural raw materials, including corn. More broadly, this initiative would expand research on other forms of bioproducts manufactured from what Indiana farmers produce.
- *Animal Well-being.* This center of excellence would focus on animal behavior, cognition and well-being along with the effects of rearing environments and enrichment on animal behavior and welfare. These issues are of fundamental importance to Indiana livestock producers.
- *Basic Plant Biology.* Support for the agricultural life sciences in the state demands strong basic science to undergird University-industry partnerships. Areas of focus include using genomics, metabolomics and proteomics, coupled with bioinformatics, to identify new traits and develop new plant varieties that have improved ability to withstand environmental stressors such as heat or drought.

#### 2. Innovation in Rural Entrepreneurship

Developing and supporting rural entrepreneurs is a fundamental element of strengthening rural communities in Indiana. These funds would be used to build on current efforts to expand rural entrepreneurship that include the New Ventures team, Indiana MarketMaker, INventure and research/extension related to local foods and farmers’ markets. Initially, the focus will be on supporting rural entrepreneurs who want to serve the burgeoning local foods market.

Eating locally grown food is a fast-growing culinary trend in the United States, with economic benefits for Indiana residents and farms. Purdue Agriculture is a key source of critical information for local food producers and will expand educational programs on product development and marketing, community land use and regulation issues, and healthy eating for individuals and families. We will leverage state funding by partnering with organizations such as the Indiana State Department of Agriculture (ISDA), Indiana Farm Bureau, commodity groups and others. We also see a natural synergy with the state’s “Indiana Grown” program, a cooperative effort among producers, processors, wholesalers, retailers and the ISDA to brand and promote Indiana produce and production. Key investments here would include staff for program development/partnership facilitation, a robust Web presence and extensive educational programming/consulting intended to support these rural and local entrepreneurs.

The Crossroads funds continue to provide essential resources that allow Purdue Agriculture to enhance the effectiveness of agricultural research and extension programs in service to the state’s agricultural industries. Since inception, these funds have supported high-impact programs that: 1.) focus our efforts on highly rel-



evant, timely issues and opportunities; 2.) allow us to respond quickly to rapidly emerging issues; and 3.) leverage other state or federal budget resources to prepare future scientists and develop new outreach methods.

## Examples of Crossroads investments include:

*Purdue Agricultural Centers.* The eight regional Purdue Agricultural Centers (PACs) located around the state provide a vital link to agricultural producers, and they support applied research that addresses environmental issues, watershed management and tillage uniquely relevant to their area of our state. In 2011, the PACs hosted more than 200 events, workshops and field days that provided 12,000 people with vital, timely information. As an example, at the Throckmorton-Purdue Agricultural Center, an applied research and educational program has been established focusing on production of high-value horticultural crops in high tunnels.

*Bee Research.* Beekeeping research at Purdue is focusing on breeding for bees that are resistant to parasitic mites. Recent surveys indicate Varroa mites are the major factor in bee deaths in the U.S., Canada and Europe. A new assay to measure mite-grooming behavior was developed last year, and progress was made to increase this behavior in the breeding lines. Queens from the breeding program are being sold to Midwest beekeepers by Indiana queen breeders. Nationally, honeybees were responsible for pollinating crops valued at \$29 billion in 2010 (Cornell).

*Purdue Plant Disease and Diagnostic Laboratory.* The Purdue Plant and Pest Diagnostic Laboratory (PPDL) provides rapid and reliable plant diagnostics that help protect agricultural plant biosecurity in Indiana. The lab diagnoses plant pest and disease problems for farms, the turf industry, nurseries, orchards and greenhouses and also for individual residents of Indiana. The total number of lab samples has risen consistently for the past four years, to 2,951 samples in 2011.

## On-Farm Research

Purdue Extension has been working cooperatively with ISDA and Indiana Soybean Alliance (ISA) to encourage Indiana farmers to engage in on-farm research. Our faculty have been engaged in large-plot on-farm research, both at Purdue Agricultural Centers and cooperatively with farmers since 2006. Purdue Extension has also been working with ISDA and ISA to encourage on-farm research in several Indiana watersheds with an emphasis on learning more about nitrogen in corn to improve profitability and reduce environmental impact.

## Field Educator Budget Request

**Total Request:** 2013-14 ——— \$180,865      2014-15 ——— \$185,387

Purdue Extension delivers unbiased research-based knowledge that the people of Indiana use to improve their lives and livelihood. Our research enterprise at Purdue and other land-grant universities across the nation provides objective science to address important issues (this is an important outcome from the Crossroads budget commitment). Our county-based Extension delivery system provides highly effective Extension professionals in every Indiana county. This model rapidly transforms and delivers research-based information to local people. As a result, we are timely, relevant and valuable to the people who live and work in Indiana.

In November 2011, Purdue Extension began implementation of eight new Strategic Initiatives that were reviewed and ratified by over 1,800 Hoosiers representing all 92 counties.

1. Provide producers and consumers a more complete, science-based understanding of our food systems.
2. Improve the efficiency, diversity and sustainability of food production by evaluating and demonstrating new technologies.
3. Prepare children for academic success through programs and partnerships that strengthen families.

4. Reduce human obesity across Indiana through community-based programs.
5. Help regions, communities and neighborhoods plan and prepare for a sustainable future.
6. Build Indiana’s capacity to conserve its environment and natural resources.
7. Develop and support leaders throughout Indiana.
8. Expand awareness of global market opportunities for Indiana businesses.

We have deployed seven action teams to begin the process of addressing these timely and relevant Strategic Initiatives.

Our county-based Extension programs provide value to our clientele. Our “Making A Difference” website captures key examples of our work in every Indiana county. Please go to [www.ag.purdue.edu/extension/makingadifference](http://www.ag.purdue.edu/extension/makingadifference) to see impact reports searchable by county, Indiana General Assembly House or Senate districts, or U.S. congressional district.

The current funding base for our county-based Extension model is:

Field Educator line item	\$7,234,605
County contractual services	\$7,686,350
Program and office operations (funds provided by the county)	<u>\$8,937,611</u>
Total	\$23,858,566

In Indiana, state and county budget sources are used in partnership to deliver a highly effective county-based Extension program.

In our current economic climate, government at all levels is challenged with difficult revenue and increasing expenses. Indiana’s counties are no exception. In 2012, Indiana counties reduced financial commitments to Purdue Extension by \$245,000. Additional reductions are possible in 2013. In addition to these challenges, the Field Educator line item has been basically flat since 1999. To sustain our Extension program, we have implemented extensive cost-saving measures. County budget challenges make the budget committed by the state of Indiana even more important as we work to provide high-impact Extension programming at the local level. To help us compensate for these reductions, we ask that the Field Educator line item be increased by 5% over the course of the next biennium (2.5% in Fiscal Year 2014 — \$7,415,470, and 2.5% in Fiscal Year 2015 — \$7,600,857).

Specifically, these funds will help Purdue Extension:

1. Sustain our 4-H Youth Development program by fully implementing our 4-H staffing model.
2. Build our commitment to delivering on-farm applied research and demonstration projects that help farmers adopt useful technology.
3. Solidify our health and wellness programs focused on diabetes, obesity and physical activity.
4. Engage local government officials with insight into tax revenues and budget management.

### Center for Paralysis Research Budget Request

**Total Request:** 2013-14 ——— \$10,696      2014-15 ——— \$10,963

Since its inception in 1987, the Center for Paralysis Research has been the foundation piece in the College of Veterinary Medicine for discovery in the area of traumatic neurological injury and subsequent treatment. Over the past quarter century, research in the center has evolved from early work with the oscillating field stimulator to drug therapy (4-aminopyridine), polymers and nanotechnology.



The researchers of the center conduct groundbreaking work that results in novel therapies undergoing human clinical trials and ultimately produces licensed technologies. In early 2012, researchers began a study to determine the role of acrolein, a toxin that causes nerve damage, in spinal cord injury and to learn whether reducing its concentration in the days following trauma also decreases damage that can lead to paralysis.

Historically, the mission of the Center for Paralysis Research has been to develop therapies for human spinal cord and brain injury. In recent years, this mission has expanded to include other diseases of the central nervous system, in particular Parkinson’s disease and multiple sclerosis.

Another major aim of the center is to enhance the quality of life of paralyzed individuals. Researchers at the center have engineered devices to solve practical problems faced by those with traumatic brain and spinal cord injuries or other neurological disorders. Assistive technology allows people with disabilities to more independently perform daily living, educational or occupational activities and to be more self-sufficient and productive, which is crucial for emotional well-being.

### Technical Assistance Program (TAP)

**Total Request:** 2013-14 — \$2,541,173      2014-15 — \$42,202

The Technical Assistance Program (TAP) was established in 1986 with a mission of advancing Indiana’s economic prosperity, health and quality of life. Current initiatives include the National Institute for Standards and Technology’s Manufacturing Extension Partnership Center (manufacturing competitiveness); the Health and Human Services Health Information Technology Extension Center (meaningful use of electronic health records); Purdue Healthcare Advisors (hospital and health care provider quality, safety and productivity); Energy Efficiency and Sustainability, Green Enterprise Development, and Front Line Green Worker (sustainability adoption and training); the National Digital Engineering and Manufacturing Consortium (highly advanced modeling); and faculty business assistance.

A Purdue team composed of faculty, graduate students and staff located strategically throughout the state serves approximately 900 Indiana businesses, governmental units and health care providers each year, achieving significant economic development and health care system impacts. Fiscal year 2011-12 company-reported impacts on costs, sales and capital investments exceed \$159 million and the Medicare and Medicaid electronic health record incentive payments earned exceed \$37 million. Some 5,400 business executives, manufacturing employees, displaced workers, physicians, nurses and health care workers participated in TAP workshops, training and certification programs; 2,300 physicians received assistance with electronic health record adoption.

### Proposed New Initiative: High-Performance Government

The 2007 Kernan-Shepard report, “Streamlining Local Government,” presented challenging recommendations to make Indiana’s 3,000 governmental units leaner, more efficient and more effective. A key recommendation is the designation of a state-supported office to provide technical assistance to local governments in order to streamline operations and realize efficiencies that result in cost savings to those entities and to the state.

In order to meet this important challenge, Purdue proposes an Office of High-Performance Government that will provide strategic planning, technology adoption, implementation of best business practices such as collective purchasing, assistance with the consolidation and coordination of units and services, training in performance improvement methods and tools, leadership and professional development, and skill building for specific disciplines. The office will also develop a statewide benchmarking system that will demonstrate productivity gains, technology adoption and other efficiencies realized as a result of this initiative.

This office will engage several key partners including: the Indiana Chamber of Commerce; the Indiana University Center for Urban Policy and the Environment; and Purdue faculty with expertise in tax and governmental

policy, regional development, business performance improvement, information technology and leadership development.

### Funding Request

TAP’s state funding of \$1,889,039 a year is highly leveraged. Total TAP funding in 2011-12 was \$11.2 million from 227 sources, including businesses, federal programs, state agencies, hospitals, foundations, local economic development organizations and others. The total leverage of TAP state funds in FY 2011-12 was over \$4.50 for each state dollar invested. New funding of \$2,500,000 is requested for the High-Performance Government initiative.

New TAP funding FY 2013-14: \$2,541,173 (includes a \$41,173 inflationary increase on current funding)

New TAP funding FY 2014-15: \$42,202

### 2013-15 PERFORMANCE FUNDING FORMULA

The weightings and dollar amounts approved by the Commission for Higher Education (CHE) for each metric provide a basis for the performance formula funding included in Purdue’s legislative request.

#### Overall Degree Completion

This metric calculates the change in degrees conferred over a three-year-period rolling average (2006 through 2011; average of 2006-08 versus 2009-11). For resident students only (no reciprocity). Applies to bachelor’s, master’s, and doctoral degrees conferred at four-year institutions.

<b>West Lafayette</b>	2013-14 — \$3,797,464	2014-15 — \$632,911
<b>Calumet</b>	2013-14 — \$527,462	2014-15 — \$87,910
<b>IPFW</b>	2013-14 — \$734,029	2014-15 — \$122,338
<b>North Central</b>	2013-14 — \$201,371	2014-15 — \$33,562

#### At-Risk-Student Degree Completion

This metric calculates the change in degrees conferred over a three-year-period rolling average (2006 through 2011; average of 2006-08 versus 2009-11). For resident students only (no reciprocity). Applies only to those students who were eligible for Pell Grants when they graduated from the institution. Applies to bachelor’s degrees conferred at four-year institutions.

<b>West Lafayette</b>	2013-14 — \$1,416,175	2014-15 — \$236,029
<b>Calumet</b>	2013-14 — \$462,275	2014-15 — \$77,045
<b>IPFW</b>	2013-14 — \$542,989	2014-15 — \$90,499
<b>North Central</b>	2013-14 — \$113,734	2014-15 — \$18,956

#### High-Impact Degree Completion (West Lafayette campus only)

This metric calculates the change in degrees conferred over a three-year-period rolling average (2006 through 2011; average of 2006-08 versus 2009-11). For resident students only (no reciprocity). For specific degree types that are granted in STEM fields as defined by national standards. Applies to bachelor’s, master’s and doctoral degrees conferred by the institutions.

<b>West Lafayette</b>	2013-14 — \$3,496,747	2014-15 — \$582,791
<b>Calumet</b>	2013-14 — \$0	2014-15 — \$0
<b>IPFW</b>	2013-14 — \$0	2014-15 — \$0
<b>North Central</b>	2013-14 — \$0	2014-15 — \$0



## Student Persistence Incentive (Regional campuses only)

This metric calculates the change in headcount over a three-year-period rolling average (2006 through 2011; average of 2006–08 versus 2009–11). For all resident undergraduate students only (no reciprocity). Progress point accumulation requires the student to complete all credits at the same institution. Dual credit courses and transfer credits are not eligible for the incentive. For four-year non-research campuses, number of students who successfully complete 30 and 60 credit hours.

<b>West Lafayette</b>	2013-14 — \$0	2014-15 — \$0
<b>Calumet</b>	2013-14 — \$179,775	2014-15 — \$29,963
<b>IPFW</b>	2013-14 — \$27,285	2014-15 — \$4,547
<b>North Central</b>	2013-14 — \$44,115	2014-15 — \$7,353

## On-time Graduation Rates

This metric calculates the change in FTE over a three-year-period rolling average (2006 through 2011; average of 2006–08 versus 2009–11). Applies only to resident undergraduate first-time, full-time students (no reciprocity). For four-year institutions, the graduation rate achieved in four years.

<b>West Lafayette</b>	2013-14 — \$6,295,689	2014-15 — \$1,049,281
<b>Calumet</b>	2013-14 — \$359,099	2014-15 — \$59,850
<b>IPFW</b>	2013-14 — \$0	2014-15 — \$0
<b>North Central</b>	2013-14 — \$259,774	2014-15 — \$43,295

## Institution-Defined Productivity Metric

This metric is defined by each institution and should focus on reducing cost of attendance for students. The metric approved for the West Lafayette campus measures the change in the Affordability Performance Metric, which accounts for changes in resident tuition and fees, institutional aid to students, state operating appropriations and the number of resident undergraduate degrees issued each year. The metric for the Purdue regional campuses measures the percent change in degree attainment efficiency for resident undergraduate students.

<b>West Lafayette</b>	2013-14 — \$1,087,372	2014-15 — \$181,228
<b>Calumet</b>	2013-14 — \$60,401	2014-15 — \$10,067
<b>IPFW</b>	2013-14 — \$0	2014-15 — \$0
<b>North Central</b>	2013-14 — \$49,026	2014-15 — \$8,171

## ITEMS FOR CONSIDERATION OUTSIDE OF THE PERFORMANCE FUNDING FORMULA

Any funding for these metrics will be determined through the CHE budget recommendation. Funding for both of these metrics is a priority for Purdue as the West Lafayette campus continues to invest in its research enterprise and the regional campuses actively offer dual credit courses to high school students.

### Research Support Adjustment

Research support adjustments were first appropriated by the 2003 General Assembly and were meant to make research campuses more competitive in their applications for competitively awarded sponsored research grants. In order to secure additional external funding, universities must expend sizable resources in support of research. Examples include cost sharing on sponsored awards, start-up packages to attract top researchers, support for core or shared facilities used in research, laboratory upgrades, hazardous material handling and disposal, fellowship support for top graduate students and postdoctoral researchers, and system or staff infrastructure to manage the research activities.



Continued support from the state for increasing research capacity is vital to meeting goals outlined in CHE’s “Reaching Higher” strategic plan, as well as helping Purdue to develop and advance visionary initiatives that enhance Indiana’s economy.

Based on the formula from prior biennia, Purdue has received the following funding:

<b>Research Incentive Incremental Amounts Requested and Funded per Biennium</b>					
	2003-2005	2005-2007	2007-2009	2009-2011	2011-2013
<b>Requested</b>	\$0	\$12,418,282	\$10,490,324	\$10,147,211	\$10,085,250
<b>Appropriated</b>	\$5,215,016	\$10,787,744	\$10,490,324	\$0	\$6,101,576

### Dual Credit Successful Completion

This metric reports successfully completed credit hours for dual credit students. Dual credit occurs when a high school student completes a course taught by a high school teacher at the high school.

### DEBT SERVICE

<b>West Lafayette</b>	2013-14 — \$1,374,099	2014-15 — \$4,610,472
<b>Calumet</b>	2013-14 — \$189,326	2014-15 — \$2,994,225
<b>IPFW</b>	2013-14 — \$(109,634)	2014-15 — \$3,649,404
<b>North Central</b>	2013-14 — \$2,109,960	2014-15 — \$0

“Debt service” is also known as “fee replacement,” and should be equal to the amount of the annual debt service costs for academic facilities constructed under the Acts of 1965. Since student fees are pledged against the debt issued by the University, the state replaces these fees as part of the annual appropriation. Debt service is adjusted for new debt issues coming online during the biennium and for debt fully retired. Although it is not certain that every state-funded project will be authorized, the fee replacement amount is requested for each of those projects. This change provides legislative decision makers estimated debt service requirements within the current biennium for projects requested in the capital plan.

### INDIANA NEXT GENERATION MANUFACTURING COMPETITIVENESS (IN-MAC) CENTER: A Joint Proposal from Purdue University, Ivy Tech and Vincennes University

**New Investments:** 2013-14 — \$10,000,000 2014-15 — \$0

#### Introduction

The health of Indiana’s manufacturing sector has a significant economic impact on much of the state’s population, either through direct employment, generation of tax revenues or growth of ancillary businesses that support manufacturing activities.

As the national manufacturing sector emerges from one of its weakest periods in recent memory, several forces have aligned to create a “once in a generation” opportunity for the state and three academic institutions — Purdue, Ivy Tech and Vincennes — to partner in providing a world-class resource that will attract, retain and grow high-value manufacturing industries in the state.

The first of these conditions results from a growing need for manufacturers to produce products closer to customers through shorter supply chains. Given this development, several manufacturing sectors in which Indiana is a national leader are ripe for “reshoring” due to the changing math of offshore manufacturing.

## OPERATING BUDGET NARRATIVE • 2013–2015



Additionally, the state's geographic advantage and well-developed, multi-modal logistics infrastructure position Indiana for increased manufacturing competitiveness.

Second, the federal government has made manufacturing a national priority. The recently launched, multi-agency National Network for Manufacturing Innovation (NNMI) will establish manufacturing institutes and demonstration facilities across the nation to support regional efforts in strategic manufacturing areas. Indiana needs a coordinated entity and effort to pursue this federal funding, expected to range as high as \$2 billion.

Purdue, Ivy Tech and Vincennes propose the Indiana Next Generation Manufacturing Competitiveness (IN-MaC) Center to fulfill this need. In a unique collaborative effort, IN-MaC would enable education institutions, Indiana companies, small and medium manufacturers and the state of Indiana to realize the potential of next-generation manufacturing.

Other states, including Virginia, Michigan and Ohio, already have made commitments to centers that provide access to state-of-the-art knowledge and practices in manufacturing and are now competing for the federal funding as they attract new investments.

### IN-MaC: Focus and Funding

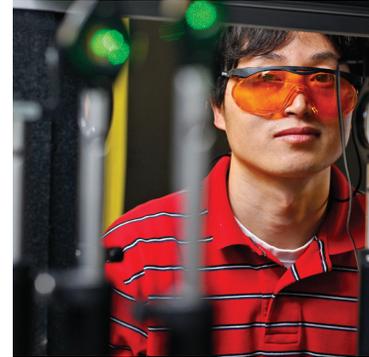
The center will focus on three programmatic elements: 1.) knowledge creation to support innovation by Indiana's manufacturing base and emerging clusters; 2.) efficient technology transfer to enhance competitiveness of Indiana manufacturing companies using a new model of manufacturing extension that combines statewide technology centers and cyber-enabled access, and 3.) education, professional development and workforce training.

The center will create infrastructure to support advanced experimentation, measurement, high-performance computing, data analysis and virtual-collaboration technologies through: a Living Laboratory that will be a dedicated high-bay space for manufacturing and systems research and development; a Digital Manufacturing Infrastructure that will give partners access to state-of-the-art design and evaluation capabilities for the entire product lifecycle, with a focus on a systems view of manufacturing enterprises; Product/Process Development Studios that will support industry-focused projects; and Systems Research and Educational Facilities that will provide students and industry partners tools to design, model and analyze global supply chains, logistics and service networks.

The annual recurring budget to create and grow the IN-MaC Center is \$10 million. We are requesting that the state provide an annual budget of \$10 million for 10 years. At the end of that period, we expect the center to be self-sustaining. These funds will provide broad support for the center's manufacturing competitiveness, innovation and workforce-development activities, facilities and programs. This program is coordinated with an expansion of Engineering faculty that will be funded by reallocation of funds at Purdue. We anticipate supplementing state funds with approximately \$4.5 million annual revenues from industry partners as well as an additional \$8 million to \$25 million in competitive federal funds to support research and educational projects.

### Management and Outcomes

The IN-MaC Center will grow in phases. The first year will focus on engaging partners, competing for federal funding opportunities, and delivering workforce training and education programs. The second and third years will introduce manufacturing-focused courses, concentrations, certificates and minors for students; enhance workforce training programs; engage partners in collaborative projects; and work with the federal and state agencies on emerging clusters. The computational infrastructure for digital manufacturing will be functional during this phase. The core of the new facility is expected to be functional after the third year. By the fourth



year, we expect the center to:

- Partner with at least 5-6 large companies, 10-15 medium-scale companies and 30-40 SMEs.
- Impact at least 1,000 Indiana employees annually through training, certificate and education programs.
- Touch at least 2,000 Indiana students each year.
- Create new product and process opportunities through at least 20 new industry-based projects annually, resulting in 3-4 patents and invention disclosures and 6-7 projects reaching Technology Readiness Level (TRL) 5-6 level of maturity and also serve as an incubator for 2-3 entrepreneurial ventures.

## Impact

Purdue, Ivy Tech and Vincennes are uniquely positioned to move Indiana manufacturing forward by providing access to research-based cutting-edge technology and tools to educate the workforce to lead the nation and the world in next-generation manufacturing. The IN-MaC Center has the potential to secure significant national R&D funding. The high level of innovation that characterizes so much of U.S. manufacturing depends in large part on the co-location of production and R&D. The manufacturing strengths of Purdue and Vincennes can be a significant differentiator in attracting high technology manufacturing to the state, and in tandem, Ivy Tech's strength in workforce development can play a major role in ensuring that the state has the human capital to power the manufacturing industry. The IN-MaC Center will have a truly unique collection and integration of manufacturing skill sets not found anywhere else in the world.

## Metrics

The IN-MaC Center's impact will be significant and measurable. Anticipated metrics for assessing the center's impact when it is fully operational are:

- » *Number of Indiana manufacturers/industry members engaged:* We expect 5-6 large companies as key partners, 10-15 medium-scale companies (affiliates), and 30-40 SME members after four years.
- » *Number of Indiana manufacturing workers trained:* When fully operational, IN-MaC should have a positive impact on 1,000 Indiana employees annually through training and certification programs, professional enhancement courses and advanced education opportunities.
- » *Number of Indiana students educated:* Research and educational material developed will feed advanced manufacturing courses at Purdue, Ivy Tech and Vincennes, supporting the education of the institutions' students. We expect the center's activities to touch at least 2,000 Indiana students each year.
- » *Number of collaborative projects:* Indiana-based companies (large companies and SMEs) will, with the assistance of IN-MaC personnel, be able to test new ideas and apply existing technologies to new areas in the living laboratory and the product/process/system development studios. Once operational, the center expects to conduct 20 new projects each year, resulting in 3-4 patents and invention disclosures and 6-7 projects reaching TRL 5-6 level of maturity.
- » *Amount of external research funded:* The IN-MaC Center will provide Indiana with a resource to lead and compete for National Network of Manufacturing Innovation (NNMI) funding and other national initiatives, resulting in significant leverage of the requested state support. We expect the external funding for manufacturing research to reach \$25 million in the first four-year period, with research activities accelerating in the out years.
- » *Number of new start-ups:* The IN-MaC Center will serve as an incubator for innovation and new manufacturing products/processes/systems. We anticipate 2-3 new entrepreneurial ventures over the first four-year period of the center, accelerating in the out years.

**Table 1**  
**Summary of 2013-2015 Legislative Request**  
**for Purdue University**

	West Lafayette		Calumet		IPFW		North Central		System Total	
	FY 2014	FY 2015	FY 2014	FY 2015	FY 2014	FY 2015	FY 2014	FY 2015	FY 2014	FY 2015
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
<b>1. Operating Appropriations - Incremental Change</b>										
<b>Budget Reduction</b>	-14,030,601	-2,338,434	-1,610,696	-268,450	-2,313,783	-385,630	-784,415	-130,736	-18,739,495	-3,123,250
<b>Performance Funding Formula</b>										
Overall Degree Completion	3,797,464	632,911	527,462	87,910	734,029	122,338	201,371	33,562	5,260,326	876,721
At-Risk Student Degree Completion	1,416,175	236,029	462,275	77,045	542,989	90,499	113,734	18,956	2,535,173	422,529
High Impact Degree Completion	3,496,747	582,791	0	0	0	0	0	0	3,496,747	582,791
Student Persistence Incentive	0	0	179,775	29,963	27,285	4,547	44,115	7,353	251,175	41,863
Remediation Success Incentive	0	0	0	0	0	0	0	0	0	0
On-time Graduation Rate Metric	6,295,689	1,049,281	359,099	59,850	0	0	259,774	43,295	6,914,562	1,152,426
Institution Defined Productivity Metric	1,087,372	181,228	60,401	10,067	0	0	49,026	8,171	1,196,799	199,466
Total Operating Budget Request	2,062,846	343,806	-21,684	-3,615	-1,009,480	-168,246	-116,395	-19,399	915,287	152,546
% of prior year Operating Appropriation	0.9%	0.1%	-0.1%	0.0%	-2.6%	-0.4%	-0.9%	-0.1%	0.3%	0.0%
<b>2. Debt Appropriations - Incremental Change</b>										
Total Debt Appropriations	-1,374,099	4,610,472	189,326	2,994,225	-109,634	3,649,404	2,109,960	0	815,553	11,254,101
% of prior year Debt Appropriations	-5.4%	19.3%	12.7%	178.3%	-2.0%	68.7%	100.0%	0.0%	2.5%	34.1%
<b>3. Line Item Appropriations - Incremental Change</b>										
Statewide Technology	923,893	-250,994	0	0	0	0	0	0	923,893	-250,994
Agricultural Research and Extension	3,000,000	0	0	0	0	0	0	0	3,000,000	0
County Agricultural Extension Educators	180,865	185,387	0	0	0	0	0	0	180,865	185,387
Technical Assistance Program (TAP)	2,541,173	42,202	0	0	0	0	0	0	2,541,173	42,202
Paralysis Research	10,696	10,963	0	0	0	0	0	0	10,696	10,963
Total Line Item Appropriations	6,656,627	-12,442	0	0	0	0	0	0	6,656,627	-12,442
% of prior year Operating Appropriation	28.5%	0.0%								
<b>4. Repair and Rehabilitation Appropriation Request</b>										
Total Repair and Rehabilitation Appropriation Request	15,017,335	15,017,334	1,303,788	1,303,788	1,733,651	1,733,651	475,175	475,175	18,529,949	18,529,948

Table 2  
Performance Funding Formula Metrics and Weighting Outcomes  
For Purdue University - System

Fiscal Year 2014	Overall Degree Completion Metric			At-Risk Degree Completion Metric			High Impact Degree Completion Metric			Student Persistence Metric			On-Time Graduation Rate		Institution Defined Metric .3% of Appr.	Total PFF Allocation			
	1 Yr Cert	Associate	Bachelor	Master	Doctoral	1 Yr Cert	Associate	Bachelor	Master	Doctoral	15 CH	30 CH (2YR)	30 CH (4 YR)	45 CH			60 CH	2 Year	4 Year
	\$3,898	\$7,795	\$3,898	\$1,949	\$1,376	\$2,752	\$5,503	\$19,491	\$14,033	\$6,822	\$305	\$600	\$765	\$1,210	\$1,530	\$11,461	\$22,921	SIG/SIG	24.2%
PUWL 3 Yr Avg Change PFF Impact		487	\$3,898	1			\$1,416,175	\$3,333,029	\$1,637,18	\$0						275	\$6,295,689	\$1,087,372	\$16,093,446
PUC 3 Yr Avg Change PFF Impact		66	\$511,872	4			\$462,275					67	\$51,255	\$128,520	84	16	\$359,099	MOD/MOD	2.4%
IPFW 3 Yr Avg Change PFF Impact		81	\$631,395	26			\$542,989					36	\$27,285	\$0	-	-	\$0	MOD/NO	2.0%
PUNC 3 Yr Avg Change PFF Impact		17	\$129,917	18			\$113,734					58	\$44,115	\$0	-	11	\$259,774	MOD/SIG	1.0%
TOTAL PU 3 Yr Avg Change PFF Impact		650	\$5,066,750	50			\$2,535,173	\$3,333,029	\$1,637,18	\$0		160	\$122,655	\$128,520	84	302	\$6,914,561		29.5%
TOTAL METRIC CHANGE	103	1,654	1,500	414	9	221	902	1,309	283	77	9	8,117	4,496	868	2,635	627	125	664	\$3,322,952
TOTAL PFF IMPACT	\$200,072	\$6,446,465	\$11,692,500	\$1,614,864	\$17,539	\$304,056	\$2,483,039	\$7,205,015	\$5,516,065	\$1,075,859	\$63,668	\$2,475,805	\$2,697,635	\$664,020	\$3,188,575	\$958,800	\$1,432,575	\$15,212,035	\$66,572,139
Total Amount Per Metric		\$19,971,440				\$9,992,709			\$6,655,593			\$9,984,836				\$16,644,610		\$3,322,952	\$66,572,139
Percent of 2014 PFF Allocation		30%				15%			10%			15%				25%		5%	100%

Fiscal Year 2015	Overall Degree Completion Metric			At-Risk Degree Completion Metric			High Impact Degree Completion Metric			Student Persistence Metric			On-Time Graduation Rate		Institution Defined Metric .35% of Appr.	Total PFF Allocation			
	1 Yr Cert	Associate	Bachelor	Master	Doctoral	1 Yr Cert	Associate	Bachelor	Master	Doctoral	15 CH	30 CH (2YR)	30 CH (4 YR)	45 CH			60 CH	2 Year	4 Year
	\$4,547	\$9,094	\$4,547	\$2,274	\$1,605	\$3,210	\$6,420	\$22,740	\$16,372	\$7,959	\$356	\$700	\$893	\$1,412	\$1,785	\$13,371	\$26,741	SIG/SIG	24.2%
PUWL 3 Yr Avg Change PFF Impact		487	\$4,547	1			\$1,652,204	\$3,888,534	\$1,910,04	\$0						275	\$7,344,970	\$1,268,600	\$18,775,687
PUC 3 Yr Avg Change PFF Impact		66	\$597,184	4			\$539,320					67	\$59,798	\$149,940	84	16	\$418,949	MOD/MOD	2.4%
IPFW 3 Yr Avg Change PFF Impact		81	\$736,628	26			\$633,488					36	\$31,832	\$0	-	-	\$0	MOD/NO	2.0%
PUNC 3 Yr Avg Change PFF Impact		17	\$151,569	18			\$132,690					58	\$51,468	\$0	-	11	\$303,069	MOD/SIG	1.0%
TOTAL PU 3 Yr Avg Change PFF Impact		650	\$5,911,208	50			\$2,957,702	\$3,888,534	\$1,910,04	\$0		160	\$143,098	\$149,940	84	302	\$8,066,988		29.5%
TOTAL METRIC CHANGE	103	1,654	1,500	414	9	221	902	1,309	283	77	9	8,117	4,496	868	2,635	627	125	664	\$3,876,777
TOTAL PFF IMPACT	\$233,417	\$7,520,876	\$13,641,250	\$1,884,008	\$20,462	\$354,732	\$2,896,879	\$8,406,551	\$6,435,410	\$1,255,169	\$74,280	\$2,888,439	\$3,147,241	\$774,690	\$3,720,005	\$1,118,600	\$1,671,337	\$17,747,374	\$77,667,495
Total Amount Per Metric		\$23,300,013				\$11,658,161			\$7,764,859			\$11,648,975				\$19,418,711		\$3,876,777	\$77,667,495
Percent of 2014 PFF Allocation		30%				15%			10%			15%				25%		5%	100%

\* Assumes a negative result defaults to 0  
 \*\* Purdue University not eligible for Remediation Success Incentive (Math \$1,250; English \$1,250; Math/English \$2,500)  
 Note: Amounts may differ slightly from Table 1 due to rounding.

**Table 3**  
**Purdue University - Line Items**  
**Summary of Proposed State General Funds \***

	2012-13 Total	2013-14		2014-15			
		Increase	%	Total	Increase	%	Total
Statewide Technology	\$6,468,848	\$923,893	14.3%	\$7,392,741	(\$250,994)	-3.4%	\$7,141,747
Agriculture Line Items	\$7,238,961	\$3,000,000	41.4%	\$10,238,961	\$0	0.0%	\$10,238,961
Agricultural Research & Extension							
County Agricultural Extension Educators	\$7,234,605	\$180,865	2.5%	\$7,415,470	\$185,387	2.5%	\$7,600,857
Wine Grape Market Fund	0			\$0			0
Total Agriculture Line Items	\$14,473,566	\$3,180,865	22.0%	\$17,654,431	\$185,387	1.1%	\$17,839,818
Vet Equine Research	\$0			\$0			\$0
TAP/TIS	\$1,889,039	\$2,541,173	134.5%	\$4,430,212	\$42,202	1.0%	\$4,472,414
Purdue University Center for Paralysis Research	\$522,558	\$10,696	2.0%	\$533,254	\$10,963	2.1%	\$544,217
Recap	\$23,354,011	\$6,656,627	28.5%	\$30,010,638	(\$12,442)	0.0%	\$29,998,196

\* Not included is the Animal Disease Diagnostic Lab (ADDL) line item that is submitted through the Indiana State Board of Animal Health. The FY 2013 appropriation amount is \$3,449,706.

**SUMMARY BUDGET REQUEST SCHEDULE I (SBRS I)  
GENERAL AND DEDICATED FUNDS STATE SUPPORT REQUEST SUMMARY  
INDIANA PUBLIC POSTSECONDARY EDUCATION  
SUMMARY OF OPERATING, DEBT SERVICE, LINE ITEMS AND REPAIR AND REHABILITATION FUNDING FOR 2013-15  
For Purdue University - System**

	Actual 2010-11	Actual 2011-12	Approp 2012-13 (a)	Estimated 2012-13 (b)	2014 Budget Adjustment (c)	2014 Base Budget (d)	Request 2013-14	2015 Budget Adjustment (e)	2015 Base Budget (f)	Request 2014-15	% Change 2013 v 2014	% Change 2014 v 2015
<b>A. Operating Budget Request</b>												
Operating Budget Base (1)	\$ 317,985,979	\$ 312,324,934	\$ 312,324,934	\$ 312,324,934	\$ (18,739,496)	\$ 293,585,438	\$ 293,585,438	\$ (21,862,745)	\$ 290,462,189	\$ 290,462,189		
<b>Performance Formula Funding (2)</b>												
- Overall Degree Completion							\$ 5,260,326			\$ 6,137,047		
- At-Risk Student Degree Completion							\$ 2,535,173			\$ 2,957,702		
- High Impact Degree Completion							\$ 3,496,747			\$ 4,079,538		
- Student Persistence Incentive							\$ 251,175			\$ 293,058		
- Remediation Success Incentive							\$ -			\$ -		
- On-time Graduation Rate Metric							\$ 6,914,562			\$ 8,066,988		
- Institution Defined Productivity Metric							\$ 1,196,799			\$ 1,396,265		
<b>TOTAL OPERATING BUDGET REQUEST</b>	<b>\$ 317,985,979</b>	<b>\$ 312,324,934</b>	<b>\$ 312,324,934</b>	<b>\$ 312,324,934</b>	<b>\$ (18,739,496)</b>	<b>\$ 293,585,438</b>	<b>\$ 313,240,220</b>	<b>\$ (21,862,745)</b>	<b>\$ 290,462,189</b>	<b>\$ 313,392,767</b>	<b>0.3%</b>	<b>0.0%</b>
<b>B. Debt Service (3)</b>												
	\$ 31,779,121	\$ 29,009,414	\$ 32,183,530	\$ 31,899,431			\$ 32,999,084			\$ 44,253,185	2.5%	34.1%
<b>C. Line Items (4)</b>												
- General Fund	\$ 23,319,102	\$ 23,354,011	\$ 23,354,011	\$ 23,354,011			\$ 30,010,638			\$ 29,998,196	28.5%	0.0%
- Dedicated Funds	\$ 4,613,325	\$ 4,852,838	\$ 5,067,238	\$ 5,067,238			\$ 5,177,073			\$ 5,289,653	2.2%	2.2%
- Other Funds	\$ -	\$ -	\$ -	\$ -			\$ -			\$ -	0.0%	0.0%
<b>D. Repair and Rehabilitation (General Fund) (5)</b>												
- Building	\$ -	\$ -	\$ -	\$ -			\$ 15,882,489			\$ 15,882,489		
- Infrastructure	\$ -	\$ -	\$ -	\$ -			\$ 2,647,460			\$ 2,647,459		
<b>TOTAL BUDGET REQUEST (ALL FUNDS)</b>	<b>\$ 377,697,527</b>	<b>\$ 369,541,197</b>	<b>\$ 372,929,713</b>	<b>\$ 372,645,614</b>	<b>\$ (18,739,496)</b>	<b>\$ 293,585,438</b>	<b>\$ 399,956,964</b>	<b>\$ (21,862,745)</b>	<b>\$ 290,462,189</b>	<b>\$ 411,463,749</b>	<b>7.2%</b>	<b>2.9%</b>
<b>TOTAL BUDGET REQUEST (STATE GENERAL FUND ONLY)</b>	<b>\$ 373,084,202</b>	<b>\$ 364,688,359</b>	<b>\$ 367,862,475</b>	<b>\$ 367,578,376</b>	<b>\$ (18,739,496)</b>	<b>\$ 293,585,438</b>	<b>\$ 394,779,891</b>	<b>\$ (21,862,745)</b>	<b>\$ 290,462,189</b>	<b>\$ 406,174,096</b>	<b>7.3%</b>	<b>2.9%</b>

**Notes:**

- (1) For FY 2011 through 2013 include actual operating distribution to institution/campus
- (2) For Budget Request FY 2014 and 2015 include amounts from schedules PMIS I through VII
- (3) Include amount of state funded debt service from schedule CRS I
- (4) Includes amounts from BRS XI schedules. Separate by funding source
- (5) Include figures from CRS V split by building and infrastructure amounts
- (6) Figures should reflect appropriation amount for FY13
- (7) Figures should reflect estimated expenditures for FY13
- (8) Multiply FY 13 Operating Appropriation by 6% (do not calculate for Debt Service, Line Items or R&R)
- (9) Subtract 2014 Base Adjustment Amount from FY 13 Operating Appropriation (Operating Only)
- (10) Multiply FY 13 Operating Appropriation by 7% (do not calculate for Debt Service, Line Items or R&R)
- (11) Subtract 2015 Base Adjustment Amount FY 13 Operating Appropriation (Operating Only)

BUDGET REPORT SCHEDULE X - A (BRS X - A)  
DEBT SERVICE ON ALL CAPITAL PROJECTS  
INDIANA PUBLIC POSTSECONDARY EDUCATION  
DEBT SERVICE FOR ALL CAPITAL PROJECTS - 2007-2015  
For Purdue University - All Campuses

	ACTUAL 2006-07	ACTUAL 2007-08	ACTUAL 2008-09	ACTUAL 2009-10	ACTUAL 2010-11	ACTUAL 2011-12	BUDGET 2012-13	PROP 2013-14	PROP 2014-15
<b>A. Projects Eligible for Fee Replacement</b>									
1. Existing Debt Service (Please list Series)									
West Lafayette	\$ 20,872,481	\$ 20,987,645	\$ 22,376,682	\$ 23,990,551	\$ 24,888,612	\$ 22,157,925	\$ 25,273,722	\$ 21,336,918	\$ 20,821,980
Calumet	1,941,138	1,549,834	1,493,233	1,491,261	1,485,195	1,479,164	1,489,772	1,474,082	1,478,484
Indiana University - Purdue University Fort Wayne	3,240,769	3,486,268	4,373,574	5,085,115	5,405,313	5,372,325	5,420,037	5,310,403	5,312,223
North Central	-	-	-	-	-	-	-	-	-
<b>1. Total Existing Debt Service for Fee Replacement Projects</b>	<b>\$ 26,054,389</b>	<b>\$ 26,023,746</b>	<b>\$ 28,243,489</b>	<b>\$ 30,566,928</b>	<b>\$ 31,779,121</b>	<b>\$ 29,009,414</b>	<b>\$ 32,183,530</b>	<b>\$ 28,121,403</b>	<b>\$ 27,612,688</b>
2. New Debt Service Awaiting Issuance for Approved Fee Replacement Projects (1)									
West Lafayette	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calumet	-	-	-	-	-	-	-	-	-
Indiana University - Purdue University Fort Wayne	-	-	-	-	-	-	-	-	-
North Central	-	-	-	-	-	-	-	-	-
<b>2. Total Debt Service for Approved Fee Replacement Projects</b>	<b>\$ -</b>								
3. New Debt Service for Unapproved Fee Replacement Projects (4)									
West Lafayette	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,562,705	\$ 2,562,705
Calumet	-	-	-	-	-	-	-	205,016	205,016
Indiana University - Purdue University Fort Wayne	-	-	-	-	-	-	-	-	-
North Central	-	-	-	-	-	-	-	2,109,960	2,109,960
<b>3. Total New Debt Service for Unapproved Fee Replacement Projects</b>	<b>\$ -</b>	<b>\$ 4,877,682</b>	<b>\$ 4,877,682</b>						
4. New Debt Service for Requested Fee Replacement Projects (2)									
West Lafayette	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,125,410
Calumet	-	-	-	-	-	-	-	-	2,989,822
Indiana University - Purdue University Fort Wayne	-	-	-	-	-	-	-	-	3,647,583
North Central	-	-	-	-	-	-	-	-	-
<b>4. Total New Debt Service for Requested Fee Replacement Projects</b>	<b>\$ -</b>	<b>\$ 11,762,816</b>							
<b>TOTAL DEBT SERVICE FOR FEE REPLACEMENT PROJECTS</b>	<b>\$ 26,054,389</b>	<b>\$ 26,023,746</b>	<b>\$ 28,243,489</b>	<b>\$ 30,566,928</b>	<b>\$ 31,779,121</b>	<b>\$ 29,009,414</b>	<b>\$ 32,183,530</b>	<b>\$ 32,999,084</b>	<b>\$ 44,253,185</b>
Fee Replacement Reverted to State	\$ 48,497	\$ 3,677,952	\$ 4,857,273	\$ 3,642,486	\$ 3,307,869	\$ 3,043,038	\$ -	\$ -	\$ -

**BUDGET REPORT SCHEDULE X - A (BRS X - A)**  
**DEBT SERVICE ON ALL CAPITAL PROJECTS**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**DEBT SERVICE FOR ALL CAPITAL PROJECTS - 2007-2015**  
For Purdue University - All Campuses

	ACTUAL 2006-07	ACTUAL 2007-08	ACTUAL 2008-09	ACTUAL 2009-10	ACTUAL 2010-11	ACTUAL 2011-12	BUDGET 2012-13	PROP 2013-14	PROP 2014-15
<b>B. Projects without Fee Replacement (3)</b>									
1. Existing Debt Service (Please list Series)									
West Lafayette	\$ 21,687,671	\$ 24,064,705	\$ 24,659,379	\$ 29,119,221	\$ 31,819,826	\$ 37,512,033	\$ 48,140,315	\$ 48,416,461	\$ 44,517,448
Calumet	1,019,845	905,306	867,174	1,204,051	1,394,669	2,186,132	3,723,289	4,006,177	4,146,337
Indiana University - Purdue University Fort Wayne	2,392,022	3,042,367	3,185,530	5,947,601	6,929,850	6,543,969	7,238,627	7,294,201	7,378,993
North Central	-	-	-	-	-	-	-	-	-
<b>1. Total Existing Debt Service for Other Projects</b>	<b>\$ 25,099,538</b>	<b>\$ 28,012,379</b>	<b>\$ 28,712,083</b>	<b>\$ 36,270,873</b>	<b>\$ 40,144,345</b>	<b>\$ 46,242,135</b>	<b>\$ 59,102,232</b>	<b>\$ 59,716,838</b>	<b>\$ 56,042,778</b>
2. New Debt Service Awaiting Issuance for Approved Projects (1)									
West Lafayette	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,963,650	\$ 3,963,650
Calumet	-	-	-	-	-	-	-	-	-
Indiana University - Purdue University Fort Wayne	-	-	-	-	-	-	-	-	-
North Central	-	-	-	-	-	-	-	-	-
<b>2. Total Debt Service for Approved Other Funded Projects</b>	<b>\$ -</b>	<b>\$ 3,963,650</b>	<b>\$ 3,963,650</b>						
3. New Debt Service for Unapproved Other Funded Projects (4)									
West Lafayette	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Calumet	-	-	-	-	-	-	-	-	-
Indiana University - Purdue University Fort Wayne	-	-	-	-	-	-	-	-	-
North Central	-	-	-	-	-	-	-	538,168	538,168
<b>3. Total New Debt Service for Unapproved Other Funded Projects</b>	<b>\$ -</b>	<b>\$ 538,168</b>	<b>\$ 538,168</b>						
4. New Debt Service for Other Funded Requested Projects									
West Lafayette	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,629,409
Calumet	-	-	-	-	-	-	-	-	1,341,149
Indiana University - Purdue University Fort Wayne	-	-	-	-	-	-	-	-	-
North Central	-	-	-	-	-	-	-	-	-
<b>4. Total New Debt Service for Requested Other Funded Projects</b>	<b>\$ -</b>	<b>\$ 6,970,558</b>							
<b>TOTAL DEBT SERVICE FOR OTHER FUNDED PROJECTS</b>	<b>\$ 25,099,538</b>	<b>\$ 28,012,379</b>	<b>\$ 28,712,083</b>	<b>\$ 36,270,873</b>	<b>\$ 40,144,345</b>	<b>\$ 46,242,135</b>	<b>\$ 59,102,232</b>	<b>\$ 64,218,657</b>	<b>\$ 67,515,154</b>
<b>TOTAL DEBT SERVICE FOR ALL CAPITAL PROJECTS</b>	<b>\$ 51,153,927</b>	<b>\$ 54,036,124</b>	<b>\$ 56,955,572</b>	<b>\$ 66,837,801</b>	<b>\$ 71,923,465</b>	<b>\$ 75,251,549</b>	<b>\$ 91,285,762</b>	<b>\$ 97,217,741</b>	<b>\$ 111,768,339</b>

Notes:

(1) For those projects previously reviewed by CHE, SBC and SBA that do not have funding in 2011-13, and debt service is not included in existing debt service figures (A-1)

(2) Figures must match 2013-15 Capital Project Request Schedule for requested capital projects

(3) Figures should include all other debt service not related to fee replacement (auxiliary, revenue, short term notes, etc)

(4) Include only projects pending approval by CHE, SBC or SBA that are not funded in 2011-13 and have been previously authorized by the General Assembly

- For projects awaiting issuance, those not approved but authorized, and new capital projects, use a 20 year term at a 5.75% interest rate

- For projects awaiting issuance and those not approved but authorized, debt service should be included for 2014 and 2015

- For new capital project requests, debt service should start in FY 2015

- Figures should include both principal and interest

**BUDGET REPORT SCHEDULE X - B (BRS X - B)  
DEBT SERVICE ON ALL CAPITAL PROJECTS  
INDIANA PUBLIC POSTSECONDARY EDUCATION  
SUMMARY OF DEBT SERVICE FOR ALL CAPITAL PROJECTS THROUGH RETIREMENT OF DEBT  
For Purdue University - All Campuses**

	Fee Replacement Debt Service		Other Debt Service		Total Debt Service
	Existing	New	Existing	New	
2011	\$ 31,779,121		\$ 40,144,345		\$ 71,923,465
2012	29,009,414		46,242,135		75,251,549
2013	32,183,530		59,102,232		91,285,762
2014	28,121,403		59,716,838		97,217,741
2015	27,612,688	\$ 11,762,816	56,042,778	\$ 6,970,558	111,768,339
2016	27,603,125	4,877,682	53,837,855	4,501,818	109,553,854
2017	24,004,351	4,877,682	53,330,915	4,501,818	105,448,140
2018	22,224,491	4,877,682	53,032,923	4,501,818	103,370,288
2019	21,184,504	4,877,682	52,309,639	4,501,818	101,607,017
2020	19,735,107	4,877,682	51,932,893	4,501,818	99,780,874
2021	19,665,188	4,877,682	48,695,431	4,501,818	96,473,492
2022	19,690,113	4,877,682	48,616,761	4,501,818	96,419,747
2023	16,545,413	4,877,682	48,671,419	4,501,818	93,329,705
2024	15,601,588	4,877,682	48,318,871	4,501,818	92,033,332
2025	15,602,438	4,877,682	48,357,636	4,501,818	92,072,947
2026	15,107,675	4,877,682	48,578,620	4,501,818	91,799,168
2027	11,268,488	4,877,682	48,514,737	4,501,818	87,896,098
2028	6,000,750	4,877,682	43,884,651	4,501,818	77,998,275
2029	-	4,877,682	37,584,876	4,501,818	65,697,750
2030	-	4,877,682	33,557,625	4,501,818	61,670,499
2031	-	4,877,682	36,054,762	4,501,818	64,167,635
2032	-	4,877,682	32,122,496	4,501,818	60,235,370
2033	-	4,877,682	22,822,069	4,501,818	50,934,942
2034	-	-	17,258,407	-	35,991,780
2035	-	-	14,873,338	-	14,873,338

**Notes:**

- For projects previously authorized by the General Assembly, where funding is being requested for the first time, debt service should begin in FY 2014
- For new capital project requests, debt service should start in FY 2015
- If debt service extends beyond 2033, please add lines
- Institutions may include each series as an addendum to this schedule (recommended)
- Figures should include both principal and interest
- Figures should assume for new debt issuance a 5.75% interest rate for a term of 20 years

**BUDGET REPORT SCHEDULE X - C (BRS X - C)**  
**OUTSTANDING DEBT ON ALL CAPITAL PROJECTS**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**SUMMARY OF OUTSTANDING DEBT FOR ALL CAPITAL PROJECTS THROUGH RETIREMENT OF DEBT**  
 For Purdue University - All Campuses

	Fee Replacement Outstanding Debt		Other Outstanding Debt		Total Outstanding Debt
	Existing	Planned	Existing	Planned	
2011	\$ 252,883,174		\$ 628,115,516		\$ 880,998,690
2012	233,552,300		605,647,682		839,199,982
2013	213,239,153		635,290,391		848,529,544
2014	195,706,065	\$ 55,505,568	604,324,480	\$ 51,228,432	906,764,544
2015	177,825,424	53,819,457	575,620,121	49,672,248	1,070,113,626
2016	159,080,399	52,036,394	547,845,136	48,026,584	958,838,569
2017	143,043,599	50,150,804	519,505,312	46,286,294	903,547,124
2018	128,008,192	48,156,794	490,325,493	44,445,938	847,387,221
2019	113,288,121	46,048,128	460,598,762	42,499,761	790,327,913
2020	99,275,000	43,818,213	429,939,179	40,441,679	674,519,874
2021	84,615,000	41,460,079	401,161,990	38,265,257	615,406,367
2022	69,180,000	38,966,352	371,176,990	35,963,690	554,655,570
2023	56,100,000	36,329,235	339,791,990	33,529,784	490,909,052
2024	43,300,000	33,540,484	307,331,990	30,955,929	424,270,597
2025	29,850,000	30,591,380	273,416,990	28,234,076	358,234,054
2026	16,210,000	27,472,703	237,741,990	25,355,717	298,751,126
2027	5,715,000	24,174,701	200,520,000	22,311,852	248,554,255
2028	-	20,687,065	166,125,000	19,092,965	199,859,388
2029	-	16,998,890	136,415,000	15,688,993	146,193,792
2030	-	13,098,644	109,385,000	12,089,291	93,685,837
2031	-	8,974,134	78,630,000	8,282,607	47,714,774
2032	-	4,612,465	50,350,000	4,257,039	14,190,000
2033	-	(0)	30,000,000	-	-
2034	-	-	14,190,000	-	-
2035	-	-	-	-	-

Notes:

- For projects previously authorized by the General Assembly, where funding is being requested for the first time, debt service should begin in FY 2014
- For new capital project requests, debt service should start in FY 2015
- If debt service extends beyond 2033, please add lines
- Institutions may include each series as an addendum to this schedule (recommended)
- Figures should include both principle and interest
- Figures should assume for new debt issuance a 5.75% interest rate for a term of 20 years

SUMMARY BUDGET REQUEST SCHEDULE I (SBRS I)  
 GENERAL AND DEDICATED FUNDS STATE SUPPORT REQUEST SUMMARY  
 INDIANA PUBLIC POSTSECONDARY EDUCATION  
 SUMMARY OF OPERATING, DEBT SERVICE, LINE ITEMS AND REPAIR AND REHABILITATION FUNDING FOR 2013-15  
 For Purdue University - West Lafayette

	Actual 2010-11	Actual 2011-12	Approp 2012-13 (a)	Estimated 2012-13 (b)	2014 Budget Adjustment (c)	2014 Base Budget (d)	Request 2013-14	2015 Budget Adjustment (e)	2015 Base Budget (f)	Request 2014-15	% Change 2013 v 2014	% Change 2014 v 2015
<b>A. Operating Budget Request</b>												
Operating Budget Base (1)	\$ 241,119,044	\$ 233,843,356	\$ 233,843,356	\$ 233,843,356	\$ (14,030,601)	\$ 219,812,755	\$ 219,812,755	\$ (16,369,035)	\$ 217,474,321	\$ 217,474,321		
<b>Performance Formula Funding (2)</b>												
- Overall Degree Completion							\$ 3,797,464			\$ 4,430,375		
- At-Risk Student Degree Completion							\$ 1,416,175			\$ 1,652,204		
- High Impact Degree Completion							\$ 3,496,747			\$ 4,079,538		
- Student Persistence Incentive							\$ -			\$ -		
- Remediation Success Incentive							\$ -			\$ -		
- On-time Graduation Rate Metric							\$ 6,295,689			\$ 7,344,970		
- Institution Defined Productivity Metric							\$ 1,087,372			\$ 1,268,600		
<b>TOTAL OPERATING BUDGET REQUEST</b>	<b>\$ 241,119,044</b>	<b>\$ 233,843,356</b>	<b>\$ 233,843,356</b>	<b>\$ 233,843,356</b>	<b>\$ (14,030,601)</b>	<b>\$ 219,812,755</b>	<b>\$ 235,906,202</b>	<b>\$ (16,369,035)</b>	<b>\$ 217,474,321</b>	<b>\$ 216,250,008</b>	<b>0.9%</b>	<b>0.1%</b>
<b>B. Debt Service (3)</b>												
	\$ 24,888,612	\$ 22,157,925	\$ 25,273,722	\$ 25,040,866			\$ 23,899,623			\$ 28,510,095	<b>-5.4%</b>	<b>19.3%</b>
<b>C. Line Items (4)</b>												
- General Fund	\$ 23,319,102	\$ 23,354,011	\$ 23,354,011	\$ 23,354,011			\$ 30,010,638			\$ 29,998,196	28.5%	0.0%
- Dedicated Funds	\$ 4,613,325	\$ 4,852,838	\$ 5,067,238	\$ 5,067,238			\$ 5,177,073			\$ 5,289,653	2.2%	2.2%
- Other Funds											0.0%	0.0%
<b>D. Repair and Rehabilitation (General Fund) (5)</b>												
- Building	\$ -	\$ -	\$ -	\$ -			\$ 12,761,920			\$ 12,761,920		
- Infrastructure	\$ -	\$ -	\$ -	\$ -			\$ 2,255,415			\$ 2,255,414		
<b>TOTAL BUDGET REQUEST (ALL FUNDS)</b>	<b>\$ 293,940,683</b>	<b>\$ 284,208,130</b>	<b>\$ 287,538,327</b>	<b>\$ 287,305,471</b>	<b>\$ (14,030,601)</b>	<b>\$ 219,812,755</b>	<b>\$ 310,010,871</b>	<b>\$ (16,369,035)</b>	<b>\$ 217,474,321</b>	<b>\$ 315,065,286</b>	<b>7.8%</b>	<b>1.6%</b>
<b>TOTAL BUDGET REQUEST (STATE GENERAL FUND ONLY)</b>	<b>\$ 289,326,758</b>	<b>\$ 279,355,292</b>	<b>\$ 282,471,089</b>	<b>\$ 282,238,233</b>	<b>\$ (14,030,601)</b>	<b>\$ 219,812,755</b>	<b>\$ 304,833,798</b>	<b>\$ (16,369,035)</b>	<b>\$ 217,474,321</b>	<b>\$ 309,775,633</b>	<b>7.9%</b>	<b>1.6%</b>

Notes:

- (1) For FY 2011 through 2013 include actual operating distribution to institution/campus
- (2) For Budget Request FY 2014 and 2015 include amounts from schedules PMS1 through VII
- (3) Include amount of state funded debt service from schedule CRS I
- (4) Include amounts from BRS XI schedules. Separate by funding source
- (5) Include figures from CRS V split by building and infrastructure amounts
- (6) Figures should reflect appropriation amount for FY13
- (7) Figures should reflect estimated expenditures for FY13
- (8) Multiply FY 13 Operating Appropriation by 6% (do not calculate for Debt Service, Line Items or R&R)
- (9) Subtract 2014 Base Adjustment Amount from FY 13 Operating Appropriation (Operating Only)
- (10) Multiply FY 13 Operating Appropriation by 7% (do not calculate for Debt Service, Line Items or R&R)
- (11) Subtract 2015 Base Adjustment Amount FY 13 Operating Appropriation (Operating Only)

**BUDGET REPORT SCHEDULE VIII (BRS VIII)  
STUDENT ENROLLMENT DATA  
INDIANA PUBLIC POSTSECONDARY EDUCATION  
SUMMARY OF STUDENT ENROLLMENT BY DEGREE TYPE AND RESIDENCY (FTE AND HEADCOUNT)  
For Purdue University - West Lafayette**

	ACTUAL 2006-07	ACTUAL 2007-08	ACTUAL 2008-09	ACTUAL 2009-10	ACTUAL 2010-11	PROJ 2011-12	BUDGET 2012-13	PROP 2013-14	PROP 2014-15	2007-13 CAGR	% Change 2013 v 2014	% Change 2014 v 2015
<b>A. ANNUAL STUDENT HEADCOUNT</b>												
1. Undergraduate	33,602	33,663	33,972	33,132	32,900	32,538	32,538	32,538	32,538	-0.5%	0.0%	0.0%
a. Indiana Resident	22,419	22,463	21,241	21,241	20,549	19,330	19,330	19,330	19,330	-2.4%	0.0%	0.0%
b. Non-Resident	11,183	11,200	11,749	11,891	12,351	13,208	13,208	13,208	13,208	2.8%	0.0%	0.0%
d. Reciprocity Non-Resident	0	0	0	0	0	0	0	0	0			
2. Graduate	8,510	8,541	8,886	9,262	9,303	9,314	9,314	9,314	9,314	1.5%	0.0%	0.0%
a. Indiana Resident	2,213	2,241	2,238	2,212	2,168	2,168	2,168	2,168	2,168	-0.3%	0.0%	0.0%
b. Non-Resident	6,297	6,300	6,648	6,803	7,091	7,146	7,146	7,146	7,146	2.1%	0.0%	0.0%
d. Reciprocity Non-Resident	0	0	0	0	0	0	0	0	0			
3. Professional	994	1,028	967	974	988	998	998	998	998	0.1%	0.0%	0.0%
a. Indiana Resident	723	718	695	695	705	709	709	709	709	-0.3%	0.0%	0.0%
b. Non-Resident	271	310	272	279	283	289	289	289	289	1.1%	0.0%	0.0%
d. Reciprocity Non-Resident	0	0	0	0	0	0	0	0	0			
<b>TOTAL STUDENT HEADCOUNT</b>	<b>43,106</b>	<b>43,232</b>	<b>43,825</b>	<b>43,368</b>	<b>43,191</b>	<b>42,850</b>	<b>42,850</b>	<b>42,850</b>	<b>42,850</b>	<b>-0.1%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>B. ANNUAL FULL-TIME EQUIVALENT (FTE) STUDENTS</b>												
1. Undergraduate	31,392.1	31,358.1	31,334.9	30,952.4	30,729.1	30,696.9	30,696.9	30,696.9	30,696.9	-0.4%	0.0%	0.0%
a. Indiana Resident	20,899.9	20,917.7	20,501.8	19,911.2	19,179.0	18,087.6	18,087.6	18,087.6	18,087.6	-2.4%	0.0%	0.0%
b. Non-Resident	10,492.2	10,440.4	10,833.1	11,041.2	11,550.1	12,609.3	12,609.3	12,609.3	12,609.3	3.1%	0.0%	0.0%
d. Reciprocity Non-Resident	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2. Graduate	6,862.0	6,854.3	7,097.1	7,274.6	7,334.1	7,275.4	7,275.4	7,275.4	7,275.4	1.0%	0.0%	0.0%
a. Indiana Resident	1,240.2	1,288.9	1,339.6	1,411.5	1,346.0	1,303.5	1,303.5	1,303.5	1,303.5	0.8%	0.0%	0.0%
b. Non-Resident	5,621.8	5,565.4	5,757.5	5,863.1	5,988.1	5,971.9	5,971.9	5,971.9	5,971.9	1.0%	0.0%	0.0%
d. Reciprocity Non-Resident	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
3. Professional	1,388.4	1,407.4	1,379.9	1,432.1	1,459.9	1,445.0	1,445.0	1,445.0	1,445.0	0.7%	0.0%	0.0%
a. Indiana Resident	1,030.1	1,009.6	982.1	1,011.3	1,028.9	1,013.9	1,013.9	1,013.9	1,013.9	-0.3%	0.0%	0.0%
b. Non-Resident	358.3	397.8	397.8	420.8	431.0	431.1	431.1	431.1	431.1	3.1%	0.0%	0.0%
d. Reciprocity Non-Resident	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
<b>TOTAL STUDENT FTE</b>	<b>39,642.5</b>	<b>39,619.8</b>	<b>39,811.9</b>	<b>39,659.1</b>	<b>39,523.1</b>	<b>39,417.3</b>	<b>39,417.3</b>	<b>39,417.3</b>	<b>39,417.3</b>	<b>-0.1%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>C. BREAKOUT OF HIGH SCHOOL ENROLLMENT</b>												
1. High School Headcount	130	130	153	233	321	525	525	525	525	26.2%	0.0%	0.0%
2. High School FTE	13.0	13.0	16.0	25.5	34.5	56.4	56.4	56.4	56.4	27.7%	0.0%	0.0%

Orig counts from ICHE matched

Counts from Purdue where Statewide Tech students were removed

Notes:

- Data to be provided by CHE through SIS as of 2011.
- Enrollment represents annual, unduplicated enrollment. If a student was reported more than once by the same campus, the student is counted only once.
- Statewide Technology students are excluded from counts for Purdue West Lafayette
- Counts include both degree-seeking and non degree-seeking students
- Resident = students reported with residency status = 1 (assumed resident for tuition/fee purposes). Non-resident = students reported with residency status = 2 (assumed non-resident for tuition/fee purposes); 3 (MHEC - students enrolled through the Midwest Student Exchange Program); 5 (non-resident paying resident fees for reason other than reciprocity); and 0 (unknown/undeclared). Reciprocity = students reported with residency status = 4 (assumed resident via reciprocity)
- Section C is subset of Section A.1 and B.1
- FTE is calculated by taking sum of total census credit hours divided by 30 for undergraduates and 24 for graduates. For FTE calculations, high school students are considered undergraduates
- High school = students reported with class level of 01 (high school) or entry type = 4 (dual credit)
- Undergraduate = students reported with class level of 01 (high school); 02 (certificate 1 year); 03 (certificate 2 year); 04-05 (Associate); 06-09 (Baccalaureate); 16 (unclassified undergraduate); 18 (unclassified certificate); 19 (unclassified associate)
- Graduate = students reported with class level of 10 (post-baccalaureate certificate); 11 (Master's); 12 (post-master's certificate) 13 (other graduate); 15 (doctoral); 17 (unclassified graduate); and 25 (doctor's degree-research/scholarship)
- Professional = students reported with class level of 14 (first professional) or 24 (doctor's degree-professional practice)

**BUDGET REPORT SCHEDULE IX (BRS IX)**  
**RESEARCH INSTITUTION EXPENDITURE DATA**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**SUMMARY OF RESEARCH-RELATED EXPENDITURES FOR RESEARCH FOCUSED CAMPUSES**  
**For Purdue University - West Lafayette**

	ACTUAL 2006-07	ACTUAL 2007-08	ACTUAL 2008-09	ACTUAL 2009-10	ACTUAL 2010-11	ACTUAL 2011-12	BUDGET 2012-13	PROP 2013-14	PROP 2014-15	2007-13 CA GR	% Change 2013 v 2014	% Change 2014 v 2015
<b>A. Total Externally Funded Research Costs (1)</b>												
1. Federal Appropriations, Grants and Contracts (2)	\$ 124,136,084	\$ 129,056,826	\$ 130,164,298	\$ 145,533,002	\$ 148,228,085	\$ 154,501,301	\$ 156,853,041	\$ 159,990,102	\$ 163,954,251	4.0%	2.0%	2.5%
2. Industrial Grants and Contracts	\$ 23,139,002	\$ 24,489,862	\$ 26,826,282	\$ 24,306,883	\$ 22,482,257	\$ 28,575,910	\$ 29,004,549	\$ 29,584,640	\$ 30,324,256	3.8%	2.0%	2.5%
3. Private Foundations (3)	\$ 18,401,793	\$ 20,729,589	\$ 18,851,012	\$ 15,532,239	\$ 16,106,322	\$ 15,761,820	\$ 15,826,200	\$ 15,913,327	\$ 16,024,414	-2.5%	0.6%	0.7%
4. Institution Foundations	\$ 5,928,382	\$ 5,538,373	\$ 6,291,153	\$ 6,760,797	\$ 6,875,149	\$ 6,512,658	\$ 6,610,348	\$ 6,742,555	\$ 6,911,119	1.8%	2.0%	2.5%
<b>TOTAL RESEARCH-RELATED EXPENDITURES</b>	<b>\$ 171,605,261</b>	<b>\$ 179,814,650</b>	<b>\$ 182,132,745</b>	<b>\$ 192,132,921</b>	<b>\$ 193,691,813</b>	<b>\$ 205,351,689</b>	<b>\$ 208,294,138</b>	<b>\$ 212,230,624</b>	<b>\$ 217,214,040</b>	<b>3.3%</b>	<b>1.9%</b>	<b>2.3%</b>

**Notes:**

(1) Includes expenditures of externally-supported research grants and contracts. Expenditures from endowments would be reported mainly on the Private Foundation line, but could also be reported on the Industrial Grants and Contracts line or Institution Foundations line.

(2) Should exclude ARRA Federal Funds

(3) Not affiliated with the institution

- Institutions may expand on each subcategory regarding research funding

- Applies only to IUB, PUWL, BSU, IUPUI General Academic

**BUDGET REPORT SCHEDULE X - A (BRS X - A)**  
**DEBT SERVICE ON ALL CAPITAL PROJECTS**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**DEBT SERVICE FOR ALL CAPITAL PROJECTS - 2007-2015**  
 For Purdue University - West Lafayette

	ACTUAL 2006-07	ACTUAL 2007-08	ACTUAL 2008-09	ACTUAL 2009-10	ACTUAL 2010-11	ACTUAL 2011-12	BUDGET 2012-13	PROP 2013-14	PROP 2014-15
<b>A. Projects Eligible for Fee Replacement</b>									
1. Existing Debt Service (Please list Series)									
Student Fee Bond Series E	\$ 1,495,952	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Student Fee Bond Series N	6,963,712	4,380,009	3,993,686	3,915,876	4,024,957	4,113,708	4,187,315	518,737	-
Student Fee Bonds Series O	2,179,638	2,188,914	2,191,488	2,194,770	1,531,555	-	-	-	-
Student Fee Bonds Series P	2,446,842	2,442,738	2,444,334	2,440,344	2,441,284	2,448,957	2,449,082	2,441,780	2,449,971
Student Fee Bond Series Q	1,736,006	1,887,100	1,736,100	1,738,400	1,738,400	593,250	-	-	-
Student Fee Bond Series R	1,022,400	1,024,200	1,020,200	1,020,600	590,000	-	-	-	-
Student Fee Bond Series S	1,104,739	803,685	613,227	31,776	-	-	-	-	-
Student Fee Bond Series T	-	980,791	758,830	105,546	-	-	-	-	-
Student Fee Bond Series U	1,468,123	1,465,362	1,462,601	1,459,840	3,208,348	3,207,559	3,233,788	3,206,573	3,203,220
Student Fee Bond Series V	-	2,475,216	1,952,924	76,749	-	-	-	-	-
Student Fee Bonds Series W	2,455,069	3,339,630	3,342,230	3,342,430	3,340,230	3,340,630	3,343,430	3,343,430	3,343,355
Student Fee Bonds Series X	-	-	3,342,230	4,181,575	4,181,575	4,181,825	4,187,825	4,184,075	4,186,000
Student Fee Bond Series Y	-	-	2,689,380	3,476,647	4,731,056	4,726,888	4,750,092	4,760,616	4,763,496
Student Fee Bond Series Z-1	-	-	-	-	953,546	2,341,171	2,889,334	2,881,708	2,875,938
Student Fee Bonds Interim Financing (F09) and Delivered Savings	-	-	171,683	(0)	(113,939)	(2,796,062)	232,856	-	-
<b>1. Total Existing Debt Service for Fee Replacement Projects</b>	<b>\$ 20,872,481</b>	<b>\$ 20,987,645</b>	<b>\$ 22,376,682</b>	<b>\$ 23,990,551</b>	<b>\$ 24,888,612</b>	<b>\$ 22,157,925</b>	<b>\$ 25,273,722</b>	<b>\$ 21,336,918</b>	<b>\$ 20,821,980</b>
2. New Debt Service Awaiting Issuance for Approved Fee Replacement Projects (1) None									
<b>2. Total Debt Service for Approved Fee Replacement Projects</b>	<b>\$ -</b>								
3. New Debt Service for Unapproved Fee Replacement Projects (4) Biosafety Lab - Level 3									
<b>3. Total New Debt Service for Unapproved Fee Replacement Projects</b>	<b>\$ -</b>	<b>\$ 2,562,705</b>	<b>\$ 2,562,705</b>						
4. New Debt Service for Requested Fee Replacement Projects (2) Active Learning Center									
<b>4. Total New Debt Service for Requested Fee Replacement Projects</b>	<b>\$ -</b>	<b>\$ 5,125,410</b>							
<b>TOTAL DEBT SERVICE FOR FEE REPLACEMENT PROJECTS</b>	<b>\$ 20,872,481</b>	<b>\$ 20,987,645</b>	<b>\$ 22,376,682</b>	<b>\$ 23,990,551</b>	<b>\$ 24,888,612</b>	<b>\$ 22,157,925</b>	<b>\$ 25,273,722</b>	<b>\$ 23,899,623</b>	<b>\$ 28,510,095</b>
Fee Replacement Reverted to State	\$ 48,496	\$ 2,940,888	\$ 3,707,647	\$ 2,732,360	\$ 2,725,912	\$ 2,992,305			

**BUDGET REPORT SCHEDULE X - A (BRS X - A)**  
**DEBT SERVICE ON ALL CAPITAL PROJECTS**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**DEBT SERVICE FOR ALL CAPITAL PROJECTS - 2007-2015**  
**For Purdue University - West Lafayette**

	ACTUAL 2006-07	ACTUAL 2007-08	ACTUAL 2008-09	ACTUAL 2009-10	ACTUAL 2010-11	ACTUAL 2011-12	BUDGET 2012-13	PROP 2013-14	PROP 2014-15
<b>B. Projects without Fee Replacement (3)</b>									
1. Existing Debt Service (Please list Series)									
Student Fee Bond Series H	\$ 1,148,925	\$ 1,121,625	\$ 1,291,875	\$ 1,352,500	\$ 1,157,750	\$ -	\$ -	\$ -	\$ -
Student Fee Bond Series K	1,554,099	1,622,899	1,584,200	1,545,500	1,050,000	-	-	-	-
Student Fee Bond Series L	1,359,600	1,432,300	1,396,300	1,361,900	840,000	-	-	-	-
Student Fee Bond Series Q	476,925	476,500	477,500	477,000	-	225,750	783,679	776,395	775,497
Student Fee Bond Series R	384,831	388,031	385,831	388,431	226,000	776,659	2,022,813	2,022,563	2,020,313
Student Fee Bond Series U	311,095	310,356	309,617	308,878	2,022,063	2,026,313	8,492,300	8,414,300	6,408,800
Student Fee Bonds Series X	-	-	282,743	2,026,313	2,217,114	2,485,469	2,485,469	2,485,469	4,240,469
Student Fee Bond Series Z-1	-	-	-	-	1,505,090	-	3,872,302	4,141,538	4,150,138
Student Fee Bond Series Z-2 (Build America Bonds)	-	-	-	-	-	-	-	-	-
Student Fee Bond Series AA	7,069,891	5,825,313	5,827,963	5,829,063	5,833,088	5,839,250	5,836,763	3,698,663	-
Student Facilities System Revenue Bonds, 2003A	1,495,987	1,319,280	911,893	780,614	806,605	8,542	346,150	346,150	346,150
Student Facilities System Revenue Bonds, 2005A	1,156,216	2,364,988	2,364,988	2,364,988	2,364,988	2,364,988	2,364,988	4,389,988	4,423,738
Student Facilities System Revenue Bonds, 2007A	209,802	1,195,965	1,195,965	1,195,365	1,194,165	1,192,365	1,195,615	1,192,615	1,193,415
Student Facilities System Revenue Bonds, 2007B	-	1,125,574	1,362,365	1,863,562	1,927,750	25,785	1,467,400	1,467,400	1,467,400
Student Facilities System Revenue Bonds, 2007C	-	-	381,399	774,100	877,000	980,400	1,081,650	1,083,000	1,082,750
Student Facilities System Revenue Bonds, 2009A	-	-	-	717,239	664,365	664,365	665,600	668,700	671,700
Student Facilities System Revenue Bonds 2010A (Build America Bonds)	-	-	-	-	414,018	760,441	1,870,441	1,871,733	1,874,475
Student Facilities System Revenue Bonds, 2011A	-	-	-	-	-	4,108,347	4,102,925	4,110,925	4,115,925
Certificates of Participation 1998	949,398	947,523	943,923	943,548	946,118	946,338	944,138	941,613	941,988
Certificates of Participation 2006	5,570,902	5,934,353	5,940,758	5,505,977	4,557,450	4,551,700	4,556,200	4,552,400	4,555,200
Certificates of Participation 2009A	-	-	-	251,343	309,875	2,079,875	2,076,375	2,078,625	2,075,625
Certificates of Participation 2009B (Build America Bonds)	-	-	-	1,231,123	1,517,822	1,517,822	1,517,822	1,517,822	1,517,822
Certificates of Participation 2011A	-	-	-	-	19,311	32,519	1,850,638	1,850,638	1,850,638
Tax Exempt Commercial Paper - Qualified Energy Savings Projects	-	-	2,061	201,780	591,887	651,306	607,048	805,926	805,406
<b>1. Total Existing Debt Service for Other Projects</b>	<b>\$ 21,687,671</b>	<b>\$ 24,064,705</b>	<b>\$ 24,659,379</b>	<b>\$ 29,119,221</b>	<b>\$ 31,819,826</b>	<b>\$ 37,512,033</b>	<b>\$ 48,140,315</b>	<b>\$ 48,416,461</b>	<b>\$ 44,517,448</b>
2. New Debt Service Awaiting Issuance for Approved Projects (1)									
Harrison Street Garage	-	-	-	-	-	-	-	1,366,776	1,366,776
Vawter Field Housing	-	-	-	-	-	-	-	2,596,874	2,596,874
<b>2. Total Debt Service for Approved Other Funded Projects</b>	<b>\$ -</b>	<b>\$ 3,963,650</b>	<b>\$ 3,963,650</b>						
3. New Debt Service for Unapproved Other Funded Projects (4)									
N/A									
<b>3. Total New Debt Service for Unapproved Other Funded Projects</b>	<b>\$ -</b>								
4. New Debt Service for Other Funded Requested Projects									
Honors College Residence Hall and Dining	-	-	-	-	-	-	-	-	4,518,903
Soffball Stadium	-	-	-	-	-	-	-	-	1,110,505
<b>4. Total New Debt Service for Requested Other Funded Projects</b>	<b>\$ -</b>	<b>\$ 5,629,409</b>							
<b>TOTAL DEBT SERVICE FOR OTHER FUNDED PROJECTS</b>	<b>\$ 21,687,671</b>	<b>\$ 24,064,705</b>	<b>\$ 24,659,379</b>	<b>\$ 29,119,221</b>	<b>\$ 31,819,826</b>	<b>\$ 37,512,033</b>	<b>\$ 48,140,315</b>	<b>\$ 52,380,111</b>	<b>\$ 54,110,507</b>
<b>TOTAL DEBT SERVICE FOR ALL CAPITAL PROJECTS</b>	<b>\$ 42,560,152</b>	<b>\$ 45,052,350</b>	<b>\$ 47,036,062</b>	<b>\$ 53,109,772</b>	<b>\$ 56,708,438</b>	<b>\$ 59,669,959</b>	<b>\$ 73,414,037</b>	<b>\$ 76,279,734</b>	<b>\$ 82,620,603</b>

Notes:  
(1) For those projects previously reviewed by CHE, SBC and SBA that do not have funding in 2011-13, and debt service is not included in existing debt service figures (A-1)  
(2) Figures must match 2013-15 Capital Project Request Schedule for requested capital projects  
(3) Figure should include all other debt service not related to fee replacement (auxiliary, revenue, short term notes, etc)  
(4) Include only projects pending approval by CHE, SBC or SBA that are not funded in 2011-13 and have been previously authorized by the General Assembly  
- For projects awaiting issuance, those not approved but authorized, and new capital projects, use a 20 year term at a 5.75% interest rate  
- For projects awaiting issuance and those not approved but authorized, debt service should be included for 2014 and 2015  
- For new capital project requests, debt service should start in FY 2015  
- Figures should include both principal and interest

**BUDGET REPORT SCHEDULE X - B (BRS X - B)  
DEBT SERVICE ON ALL CAPITAL PROJECTS  
INDIANA PUBLIC POSTSECONDARY EDUCATION  
SUMMARY OF DEBT SERVICE FOR ALL CAPITAL PROJECTS THROUGH RETIREMENT OF DEBT  
For Purdue University - West Lafayette**

	Fee Replacement Debt Service		Other Debt Service		Total Debt Service
	Existing	New	Existing	New	
2011	\$ 24,888,612		\$ 31,819,826		\$ 56,708,438
2012	22,157,925		37,512,033		59,669,959
2013	25,273,722		48,140,315		73,414,037
2014	21,336,918	\$ 2,562,705	48,416,461	\$ 3,963,650	76,279,734
2015	20,821,980	2,562,705	44,517,448	3,963,650	82,620,603
2016	20,814,754	2,562,705	42,277,307	3,963,650	80,373,235
2017	19,177,140	2,562,705	42,268,155	3,963,650	78,726,468
2018	18,363,662	2,562,705	42,104,531	3,963,650	77,749,366
2019	17,573,396	2,562,705	41,481,642	3,963,650	76,336,211
2020	16,473,701	2,562,705	41,454,994	3,963,650	75,209,869
2021	16,404,072	2,562,705	38,205,655	3,963,650	71,890,900
2022	16,424,802	2,562,705	38,225,541	3,963,650	71,931,516
2023	13,277,039	2,562,705	38,253,684	3,963,650	68,811,896
2024	12,331,447	2,562,705	37,873,232	3,963,650	67,485,852
2025	12,330,479	2,562,705	37,911,107	3,963,650	67,522,760
2026	11,837,497	2,562,705	38,049,890	3,963,650	67,168,560
2027	8,000,657	2,562,705	37,964,324	3,963,650	63,246,154
2028	4,179,000	2,562,705	33,316,472	3,963,650	54,776,646
2029	-	2,562,705	26,712,030	3,963,650	43,993,204
2030	-	2,562,705	25,172,478	3,963,650	42,453,652
2031	-	2,562,705	27,913,512	3,963,650	45,194,686
2032	-	2,562,705	24,144,746	3,963,650	41,425,920
2033	-	2,562,705	14,617,569	3,963,650	31,898,743
2034	-	-	13,390,157	-	24,144,975
2035	-	-	12,579,088	-	12,579,088

Notes:

- For projects previously authorized by the General Assembly, where funding is being requested for the first time, debt service should begin in FY 2014
- For new capital project requests, debt service should start in FY 2015
- If debt service extends beyond 2033, please add lines
- Institutions may include each series as an addendum to this schedule (recommended)
- Figures should include both principal and interest
- Figures should assume for new debt issuance a 5.75% interest rate for a term of 20 years

**BUDGET REPORT SCHEDULE X - C (BRS X - C)**  
**OUTSTANDING DEBT ON ALL CAPITAL PROJECTS**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**SUMMARY OF OUTSTANDING DEBT FOR ALL CAPITAL PROJECTS THROUGH RETIREMENT OF DEBT**  
 For Purdue University - West Lafayette

	Fee Replacement Outstanding Debt		Other Outstanding Debt		Total Outstanding Debt
	Existing	Planned	Existing	Planned	
2011	\$ 199,625,990		\$ 490,631,527		\$ 690,257,517
2012	184,474,866		471,501,320		655,976,186
2013	168,542,699		501,539,531		670,082,230
2014	155,534,642	\$ 29,162,295	475,481,620	\$ 45,104,350	705,282,906
2015	142,414,567	28,276,422	452,107,261	43,734,199	788,916,881
2016	128,668,428	27,339,611	429,981,286	42,285,266	746,941,309
2017	115,922,089	26,348,934	406,975,086	40,753,018	704,734,363
2018	103,377,575	25,301,293	383,208,798	39,132,666	661,598,025
2019	91,023,221	24,193,412	359,033,869	37,419,144	617,850,738
2020	79,144,400	23,021,828	333,826,990	35,607,095	573,131,999
2021	66,728,000	21,782,879	310,766,990	33,690,852	529,583,660
2022	53,656,000	20,472,689	286,666,990	31,664,426	483,875,585
2023	43,063,400	19,087,164	261,466,990	29,521,480	439,056,086
2024	32,880,300	17,621,971	235,511,990	27,255,315	393,372,039
2025	22,183,400	16,072,529	208,401,990	24,858,845	345,470,301
2026	11,436,100	14,433,995	179,936,990	22,324,578	295,582,710
2027	3,980,000	12,701,244	150,305,000	19,644,591	247,205,499
2028	-	10,868,861	123,895,000	16,810,505	204,877,254
2029	-	8,931,115	102,870,000	13,813,458	171,227,560
2030	-	6,881,949	82,475,000	10,644,082	137,481,945
2031	-	4,714,957	58,440,000	7,292,466	99,328,671
2032	-	2,423,362	37,075,000	3,748,133	63,033,596
2033	-	(0)	24,235,000	-	34,405,041
2034	-	-	12,005,000	-	12,005,000
2035	-	-	-	-	-

Notes:

- For projects previously authorized by the General Assembly, where funding is being requested for the first time, debt service should begin in FY 2014
- For new capital project requests, debt service should start in FY 2015
- If debt service extends beyond 2033, please add lines
- Institutions may include each series as an addendum to this schedule (recommended)
- Figures should include both principle and interest
- Figures should assume for new debt issuance a 5.75% interest rate for a term of 20 years

**PERFORMANCE METRIC SCHEDULE I (PMS I)  
 OVERALL DEGREE COMPLETION PFF METRIC  
 INDIANA PUBLIC POSTSECONDARY EDUCATION  
 OVERALL DEGREE COMPLETION PFF METRIC FOR AY 2006-2011  
 For Purdue University - West Lafayette**

	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2006-08 3 Year Avg	2009-11 3 Year Avg	Change in 3 Year Avg
1 Year Certificates									
Associate Degrees	3,832	3,841	4,048	4,250	4,382	4,549	3,907	4,394	487
Bachelor Degrees	367	392	336	350	354	394	365	366	1
Masters Degrees	242	260	261	234	247	267	254	249	(5)
<b>TOTAL OVERALL DEGREES CONFERRED</b>	<b>4,441</b>	<b>4,493</b>	<b>4,645</b>	<b>4,834</b>	<b>4,983</b>	<b>5,210</b>	<b>4,526</b>	<b>5,009</b>	<b>483</b>

- Notes:
- CHE will provide data for this metric. Institutions should verify the data before submission to CHE
  - VU may include 1 Year Certificates, Associate and Bachelor Degrees
  - For all other four year institutions, only Bachelor, Master's, and Doctoral degrees conferred are counted
  - Assumes resident students only, no reciprocity. Residency status is based on residency at the time of degree conferment
  - Includes all degrees conferred as reported on SIS file for a given reporting year (B, M, D for 4-year institutions other than VU; Cert, Associate, and Bachelor for VU; and Cert and Associate for ITTCI)
  - Statewide Technology degrees conferred are excluded from Purdue West Lafayette counts

Orig counts from ICHE matched  
 Counts from Purdue where Statewide Tech degrees removed

**PERFORMANCE METRIC SCHEDULE II (PMS II)  
 AT-RISK STUDENT DEGREE COMPLETION PFF METRIC  
 INDIANA PUBLIC POSTSECONDARY EDUCATION  
 AT-RISK STUDENT DEGREE COMPLETION PFF METRIC FOR AY 2006-2011  
 For Purdue University - West Lafayette**

	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2006-08 3 Year Avg	2009-11 3 Year Avg	Change in 3 Year Avg
1 Year Certificates									
Associate Degrees									
Bachelor Degrees	588	651	720	732	900	1,099	653	910	257
<b>TOTAL OVERALL DEGREES CONFERRED</b>	<b>588</b>	<b>651</b>	<b>720</b>	<b>732</b>	<b>900</b>	<b>1,099</b>	<b>653</b>	<b>910</b>	<b>257</b>

Notes:

- CHE will provide data for this metric. Institutions should verify the data before submission to CHE
- VU may include 1 Year Certificates, Associate and Bachelor Degrees
- For all other four year institutions, only Bachelor degrees conferred are counted
- Assumes resident students only, no reciprocity. Residency status is based on residency at the time of degree conferment
- "At-risk" is defined as Pell recipient at time of degree conferral
- Includes all degrees conferred to Pell recipients as reported on SIS file for a given reporting year (Bachelor for 4-year institutions other than VU; Cert, Associate, and Bachelor for VU; and Cert and Associate for ITTC)
- Statewide Technology degrees conferred are excluded from Purdue West Lafayette counts

Orig counts from ICHE matched  
 Counts from Purdue where Statewide Tech degrees removed

**PERFORMANCE METRIC SCHEDULE III (PMS III)  
HIGH IMPACT DEGREE COMPLETION PFF METRIC  
INDIANA PUBLIC POSTSECONDARY EDUCATION  
HIGH IMPACT DEGREE COMPLETION PFF METRIC FOR AY 2006-2011  
For Purdue University - West Lafayette**

	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2006-08 3 Year Avg	2009-11 3 Year Avg	Change in 3 Year Avg
Bachelor Degrees	1,292	1,379	1,421	1,427	1,546	1,632	1,364	1,535	171
Masters Degrees	111	102	101	104	96	149	105	116	12
Doctoral Degrees	161	157	160	142	163	160	159	155	(4)
<b>TOTAL OVERALL DEGREES CONFERRED</b>	<b>1,564</b>	<b>1,638</b>	<b>1,682</b>	<b>1,673</b>	<b>1,805</b>	<b>1,941</b>	<b>1,628</b>	<b>1,806</b>	<b>178</b>

Notes:

- CHE will provide data for this metric. Institutions should verify the data before submission to CHE
- CHE will provide a list of eligible degree programs to include
- Assumes resident students only, no reciprocity. Residency status is based on residency at the time of degree conferment.
- Only applies to IUB, PUWL, BSU and IUPUI General Academic
- Includes all degrees conferred in identified STEM areas as reported on SIS file for a given reporting year (Bachelor, Master's, Doctoral)
- Statewide Technology degrees conferred are excluded from Purdue West Lafayette counts

Orig counts from ICHE matched  
Counts from Purdue where Statewide Tech degrees removed

**PERFORMANCE METRIC SCHEDULE III (PMS III)  
HIGH IMPACT DEGREE COMPLETION PFF METRIC  
INDIANA PUBLIC POSTSECONDARY EDUCATION  
HIGH IMPACT DEGREE COMPLETION PFF METRIC FOR AY 2006-2011  
For Purdue University - West Lafayette**

STEM Degrees include:

01.0901 B.S. in Animal Science  
 01.0901 M.S. in Animal Science  
 01.0901 Ph.D. in Animal Science  
 01.1001 B.S. in Food Science and Technology  
 01.1001 M.S. in Food Science and Technology  
 01.1001 Ph.D. in Food Science and Technology  
 01.1102 B.S. in Agronomy  
 01.1102 M.S. in Agronomy  
 01.1102 Ph.D. in Agronomy  
 01.1103 B.S. in Horticulture  
 01.1103 M.S./M.Agr. in Horticulture  
 01.1103 Ph.D. in Horticulture  
 03.0601 B.S./B.S.F. in Wildlife Science  
 03.0601 M.S./M.S.F. in Wildlife Science  
 11.0101 B.S. in Computer Science  
 11.0101 M.S. in Computer Science  
 11.0101 Ph.D. in Computer Science  
 11.0803 M.S. in Computer Graphics Technology  
 11.9999 B.S. in Computer Information Systems Technology  
 11.9999 M.S. in Computer and Information Technology  
 14.0201 B.S. in Aeronautical and Astronautical Engineering  
 14.0201 M.S./M.S.E./M.S.AandA in Aeronautical and Astronautical Engineering  
 14.0201 Ph.D. in Aeronautical and Astronautical Engineering  
 14.0301 B.S. in Agricultural and Biological Engineering  
 14.0301 M.S./M.S.E./M.S.Agr.E. in Agricultural and Biological Engineering  
 14.0301 Ph.D. in Agricultural Engineering  
 14.0501 B.S. in Biomedical Engineering  
 14.0501 M.S. in Biomedical Engineering  
 14.0501 Ph.D. in Biomedical Engineering  
 14.0701 B.S. in Chemical Engineering  
 14.0701 M.S./M.S.E./M.S.Ch.E. in Chemical Engineering  
 14.0701 Ph.D. in Chemical Engineering  
 14.0801 B.S. in Civil Engineering  
 14.0801 M.S./M.S.E./M.S.C.E. in Civil Engineering  
 14.0801 Ph.D. in Civil Engineering  
 14.0901 B.S. in Computer and Electrical Engineering  
 14.1001 B.S. in Electrical Engineering  
 14.1001 M.S./M.S.E./M.S.E.E. in Electrical Engineering  
 14.1001 Ph.D. in Electrical Engineering  
 14.1801 B.S. in Materials Science and Engineering  
 14.1801 M.S./M.S.E./M.S.Met.E. in Materials Science and Engineering  
 14.1801 Ph.D. in Materials Engineering  
 14.1901 B.S. in Mechanical Engineering  
 14.1901 M.S./M.S.E./M.S.M.E. in Mechanical Engineering  
 14.1901 Ph.D. in Mechanical Engineering  
 14.2301 B.S. in Nuclear Engineering  
 14.2301 M.S./M.S.Nuc.E. in Nuclear Engineering  
 14.2301 Ph.D. in Nuclear Engineering  
 14.3301 B.A./B.S. in Construction Engineering  
 14.3501 B.S.E./B.S.I.E. in Industrial Engineering

14.3501 M.S./M.S.I.E. in Industrial Engineering  
 14.3501 Ph.D. in Industrial Engineering  
 14.9999 B.S. in Engineering Interdisciplinary  
 14.9999 M.S./M.S.E. in Engineering Interdisciplinary  
 14.9999 Ph.D. in Engineering Interdisciplinary  
 15.0000 B.S. in Engineering Technology  
 15.0000 M.S. in Industrial Technology  
 15.0101 B.S. in Building Construction and Contracting  
 15.0303 B.S. in Electrical Engineering Technology  
 15.0405 B.S. in Computer Integrated Manufacturing Technology  
 15.0699 B.S. in Industrial Technology  
 15.0702 B.S. in Construction Engineering and Management  
 15.0899 B.S. in Mechanical Engineering Technology  
 15.1102 B.S. in Land Surveying and Geomatics Engineering  
 15.1306 B.S. in Computer Graphics Technology  
 26.0101 B.S. in General Biology  
 26.0101 M.S. in General Biology  
 26.0101 Ph.D. in General Biology  
 26.0202 B.S. in Biochemistry  
 26.0202 M.S. in Biochemistry  
 26.0202 Ph.D. in Biochemistry  
 26.0301 B.S. in Botany and Plant Pathology  
 26.0301 M.S. in Botany and Plant Pathology  
 26.0301 Ph.D. in Botany and Plant Pathology  
 26.0702 B.S. in Entomology  
 26.0702 M.S. in Entomology  
 26.0702 Ph.D. in Entomology  
 27.0101 B.S. in Mathematics  
 27.0101 M.S./M.A.T. in Mathematics  
 27.0101 Ph.D. in Mathematics  
 27.0501 B.S. in Statistics  
 27.0501 M.S. in Statistics  
 27.0501 Ph.D. in Statistics  
 30.0101 B.S. in General Science  
 40.0501 B.S./B.S.Ch. in Chemistry  
 40.0501 M.S. in Chemistry  
 40.0501 Ph.D. in Chemistry  
 40.0601 B.S. in Geo-sciences  
 40.0601 M.S. in Geo-sciences  
 40.0601 Ph.D. in Geo-sciences  
 40.0801 B.S. in Physics  
 40.0801 M.S. in Physics  
 40.0801 Ph.D. in Physics  
 51.2001 M.S. in Pharmacy  
 51.2001 Doctor of Pharmacy  
 51.2001 Ph.D. in Pharmacy  
 51.2003 B.S./B.S.Pharm. in Pharmacy  
 51.2003 M.S. in Industrial and Physical Pharmacy  
 51.2003 Ph.D. in Industrial and Physical Pharmacy  
 51.2004 M.S. in Medicinal Chemistry and Molecular Pharmacology  
 51.2004 Ph.D. in Medicinal Chemistry and Molecular Pharmacology

**PERFORMANCE METRIC SCHEDULE VI (PMS VI)  
ON-TIME GRADUATION RATE METRIC  
INDIANA PUBLIC POSTSECONDARY EDUCATION  
ON-TIME GRADUATION RATE METRIC FOR AY 2006-2011  
For Purdue University - West Lafayette**

	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2006-08 3 Year Avg	2009-11 3 Year Avg	Change in 3 Year Avg
<b>2 Year Institutions (Associates Only)</b>									
Number of Students Entering First Time, Full Time (1)	3,844	4,099	4,395	4,558	4,635	4,347	4,113	4,513	401
Number of Students Receiving a Degree in 2 years	1,392	1,494	1,700	1,755	1,819	1,836	1,529	1,803	275
On-Time Graduation Rate	36.2%	36.4%	38.7%	38.5%	39.2%	42.2%	37.2%	40.0%	2.8%
<b>4 year Institutions (Bachelor Only)</b>									
Number of Students Entering First Time, Full Time (1)									
Number of Students Receiving a Degree in 4 years									
On-Time Graduation Rate									

**Notes:**

- (1) Should be the cohort entering in the fall 2 or 4-years prior to graduation. Example, 2005-06 should be the cohort of 2004-05 for 2 year and 2002-2003 for 4 year.
  - VU may include both Associate and Bachelor Degrees; therefore, VU must fill out lines 8-9 and lines 13-14
  - Assumes undergraduate resident students only, no reciprocity
  - Residency status is based on residency at time of cohort entry
  - Applies to Associate and Bachelor degrees only
  - Degree seeking students, no exclusions, fall enrollment for cohorts only
- 2 Year Institutions**
- STEP 1) Identify students who enrolled as resident, first-time, full-time, Associate's degree seeking students in the fall one year prior to the reporting year (e.g., for reporting year 2005-2006, identify students who enrolled as first-time, full-time, Associate's degree seeking students in the fall of the 2004-2005 academic year). Enter the number determined in STEP 1 in line 8.
- STEP 2) For the students identified in STEP 1, determine the number of students who earned an Associate's degree by the end of the academic year (August) for which data are being reported. In order to be included in STEP 2, the student must have earned the Associate's degree from the same institution at which the student was counted in STEP 1.
- Enter the number determined in STEP 2 in line 9.

- 4 Year Institutions**
- STEP 1) Identify students who enrolled as resident, first-time, full-time, Bachelor's degree seeking students in the fall three years prior to the reporting year (e.g., for reporting year 2005-2006, identify students who enrolled as first-time, full-time, Bachelor's degree seeking students in fall of the 2002-2003 academic year). Enter the number determined in STEP 1 in line 13.
- STEP 2) For the students identified in STEP 1, determine the number of students who earned a Bachelor's degree by the end of the academic year (August) for which data are being reported. In order to be included in STEP 2, the student must have earned the Bachelor's degree from the same institution at which the student was counted in STEP 1.
- Enter the number determined in STEP 2 in line 14.

**NOTE:** Per ICHE, included students who began at one Purdue campus and earned a bachelor's within 4 years from another Purdue campus. Degree was counted at the original campus of enrollment.

**PERFORMANCE METRIC SCHEDULE VII (PMS VII)**  
**INSTITUTION DEFINED PRODUCTIVITY METRIC - Affordability Performance Metric**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
 For Purdue University - West Lafayette

	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2006-08 3 Year Avg	2009-11 3 Year Avg	Change in 3 Year Avg
College Affordability Index (CAI)	\$ 31,842	\$ 34,168	\$ 33,132	\$ 30,854	\$ 31,130	\$ 29,337	\$ 33,047	\$ 30,440	\$ (2,607)
State Appropriation Efficiency (SAE)	\$ 47,067	\$ 45,252	\$ 42,422	\$ 41,398	\$ 36,878	\$ 33,568	\$ 44,914	\$ 37,281	\$ (7,632)
<b>Affordability Performance Metric (AAP)</b>	<b>\$ 78,909</b>	<b>\$ 79,419</b>	<b>\$ 75,554</b>	<b>\$ 72,251</b>	<b>\$ 68,008</b>	<b>\$ 62,905</b>	<b>\$ 77,961</b>	<b>\$ 67,721</b>	<b>\$ (10,239)</b>

Notes:

- This schedule will be updated, currently it is in draft form
- The Commission will format PMS VII based on the agreed upon performance metric

**Change in 3 year average:** A negative number in units of constant dollars per degree captures the institution's utilization of state and student financial resources toward affordability.

**CAI = ((T+E)-A)/D**

- T = Default resident tuition and fee rate for an academic year
- E = Indiana resident undergraduate FTE
- A = Institutional grant and scholarship aid to undergraduate Indiana resident students
- D = Degrees awarded in a 12-month period to undergraduate Indiana resident students

All dollars are in CPI-adjusted constant dollars.

**CAI** integrates affordability, productivity and efficiency into a single metric. The **CAI** measures the default tuition and fee expenditure for all Indiana resident students divided by the degrees successfully completed in a given year. The tuition and fee expenditures include the amount paid by students minus scholarship and grant aid by the institution.

In essence the college affordability index is a measure of the average cost to the student for each successful degree completed. The **CAI** decreases as institutions become more affordable, productive, and efficient.

**SAE = SA/D**

**SA** = Annual CPI-adjusted state operating appropriation minus the Agricultural Research Programs and Cooperative Extension Service (ARP\_CES) dollars and prorated for the fraction of resident students who are undergraduates

**SAE** reflects the efficiency of the institution's utilization of state operating appropriations in degree production.

All dollars are in CPI-adjusted constant dollars.

**AAP = Sum of CAI and SAE**

**AAP** reflects the principal terms in the institution-controlled cost of a resident undergraduate baccalaureate degree.

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**SUMMARY BUDGET REQUEST SCHEDULE I (SBRS I)  
GENERAL AND DEDICATED FUNDS STATE SUPPORT REQUEST SUMMARY  
INDIANA PUBLIC POSTSECONDARY EDUCATION  
SUMMARY OF OPERATING, DEBT SERVICE, LINE ITEMS AND REPAIR AND REHABILITATION FUNDING FOR 2013-15  
For Purdue University - Calumet**

	Actual 2010-11	Actual 2011-12	Approp 2012-13 (a)	Estimated 2012-13 (b)	2014 Budget Adjustment (c)	2014 Base Budget (d)	Request 2013-14	2015 Budget Adjustment (e)	2015 Base Budget (f)	Request 2014-15	% Change 2013 v 2014	% Change 2014 v 2015
<b>A. Operating Budget Request</b>												
Operating Budget Base (1)	\$ 26,750,801	\$ 26,844,940	\$ 26,844,940	\$ 26,844,940	\$ (1,610,696)	\$ 25,234,244	\$ 25,234,244	\$ (1,879,146)	\$ 24,965,794	\$ 24,965,794		
<b>Performance Formula Funding (2)</b>												
- Overall Degree Completion							\$ 527,462			\$ 615,372		
- At-Risk Student Degree Completion							\$ 462,275			\$ 539,320		
- High Impact Degree Completion							\$ -			\$ -		
- Student Persistence Incentive							\$ 179,775			\$ 209,738		
- Remediation Success Incentive							\$ -			\$ -		
- On-time Graduation Rate Metric							\$ 359,099			\$ 418,949		
- Institution Defined Productivity Metric							\$ 60,401			\$ 70,468		
<b>TOTAL OPERATING BUDGET REQUEST</b>	<b>\$ 26,750,801</b>	<b>\$ 26,844,940</b>	<b>\$ 26,844,940</b>	<b>\$ 26,844,940</b>	<b>\$ (1,610,696)</b>	<b>\$ 25,234,244</b>	<b>\$ 26,823,256</b>	<b>\$ (1,879,146)</b>	<b>\$ 24,965,794</b>	<b>\$ 26,819,641</b>	<b>-0.1%</b>	<b>0.0%</b>
<b>B. Debt Service (3)</b>												
	\$ 1,485,195	\$ 1,479,164	\$ 1,489,772	\$ 1,478,769			\$ 1,679,098			\$ 4,673,323	12.7%	178.3%
<b>C. Line Items (4)</b>												
- General Fund												
- Dedicated Funds												
- Other Funds												
<b>D. Repair and Rehabilitation (General Fund) (5)</b>												
- Building	\$ -	\$ -	\$ -	\$ -			\$ 1,115,365			\$ 1,115,365		
- Infrastructure	\$ -	\$ -	\$ -	\$ -			\$ 188,423			\$ 188,423		
<b>TOTAL BUDGET REQUEST (ALL FUNDS)</b>	<b>\$ 28,235,996</b>	<b>\$ 28,324,104</b>	<b>\$ 28,334,712</b>	<b>\$ 28,323,709</b>	<b>\$ (1,610,696)</b>	<b>\$ 25,234,244</b>	<b>\$ 29,806,142</b>	<b>\$ (1,879,146)</b>	<b>\$ 24,965,794</b>	<b>\$ 32,796,752</b>	<b>5.2%</b>	<b>10.0%</b>
<b>TOTAL BUDGET REQUEST (STATE GENERAL FUND ONLY)</b>	<b>\$ 28,235,996</b>	<b>\$ 28,324,104</b>	<b>\$ 28,334,712</b>	<b>\$ 28,323,709</b>	<b>\$ (1,610,696)</b>	<b>\$ 25,234,244</b>	<b>\$ 29,806,142</b>	<b>\$ (1,879,146)</b>	<b>\$ 24,965,794</b>	<b>\$ 32,796,752</b>	<b>5.2%</b>	<b>10.0%</b>

Notes:  
(1) For FY 2011 through 2013 include actual operating distribution to institution/campus  
(2) For Budget Request FY 2014 and 2015 include amounts from schedules PMS I through VII  
(3) include amount of state funded debt service from schedule CRS I  
(4) includes amounts from BRS XI schedules. Separate by funding source  
(5) include figures from CRS V split by building and infrastructure amounts  
(a) Figures should reflect appropriation amount for FY13  
(b) Figures should reflect estimated expenditures for FY13  
(c) Multiply FY 13 Operating Appropriation by 6% (do not calculate for Debt Service, Line Items or R&R)  
(d) Subtract 2014 Base Adjustment Amount from FY 13 Operating Appropriation (Operating Only)  
(e) Multiply FY 13 Operating Appropriation by 7% (do not calculate for Debt Service, Line Items or R&R)  
(f) Subtract 2015 Base Adjustment Amount FY 13 Operating Appropriation (Operating Only)

**BUDGET REPORT SCHEDULE VIII (BRS VIII)  
STUDENT ENROLLMENT DATA  
INDIANA PUBLIC POSTSECONDARY EDUCATION  
SUMMARY OF STUDENT ENROLLMENT BY DEGREE TYPE AND RESIDENCY (FTE AND HEADCOUNT)  
For Purdue University - Calumet**

	ACTUAL 2006-07	ACTUAL 2007-08	ACTUAL 2008-09	ACTUAL 2009-10	ACTUAL 2010-11	PROJ 2011-12	BUDGET 2012-13	PROP 2013-14	PROP 2014-15	2007-13 CAGR	% Change 2013 v 2014	% Change 2014 v 2015
<b>A. ANNUAL STUDENT HEADCOUNT</b>												
1. Undergraduate	10,595	10,649	10,218	10,869	10,734	11,082	11,082	11,082	11,304	0.8%	0.0%	2.0%
a. Indiana Resident	9,409	9,296	8,774	9,318	9,038	8,851	8,851	8,851	9,028	-1.0%	0.0%	2.0%
b. Non-Resident	1,186	1,353	1,444	1,551	1,696	2,231	2,231	2,231	2,276	11.1%	0.0%	2.0%
d. Reciprocity Non-Resident	0	0	0	0	0	0	0	0	0			
2. Graduate	1,325	1,499	1,494	1,641	1,641	1,530	1,530	1,530	1,561	2.4%	0.0%	2.0%
a. Indiana Resident	1,084	1,208	1,168	1,251	1,207	1,096	1,096	1,096	1,118	0.2%	0.0%	2.0%
b. Non-Resident	241	291	326	390	434	434	434	434	443	10.3%	0.0%	2.0%
d. Reciprocity Non-Resident	0	0	0	0	0	0	0	0	0			
3. Professional	0	0	0	0	0	0	0	0	0			
a. Indiana Resident	0	0	0	0	0	0	0	0	0			
b. Non-Resident	0	0	0	0	0	0	0	0	0			
d. Reciprocity Non-Resident	0	0	0	0	0	0	0	0	0			
<b>TOTAL STUDENT HEADCOUNT</b>	<b>11,920</b>	<b>12,148</b>	<b>11,712</b>	<b>12,510</b>	<b>12,375</b>	<b>12,612</b>	<b>12,612</b>	<b>12,612</b>	<b>12,864</b>	<b>0.9%</b>	<b>0.0%</b>	<b>2.0%</b>
<b>B. ANNUAL FULL-TIME EQUIVALENT (FTE) STUDENTS</b>												
1. Undergraduate	6,165.4	6,347.2	6,450.5	6,904.1	6,730.2	6,621.2	6,621.2	6,621.2	6,753.6	1.2%	0.0%	2.0%
a. Indiana Resident	5,451.6	5,466.1	5,455.0	5,810.8	5,576.1	5,239.0	5,239.0	5,239.0	5,343.8	-0.7%	0.0%	2.0%
b. Non-Resident	713.8	881.0	995.4	1,093.3	1,154.1	1,382.2	1,382.2	1,382.2	1,409.8	11.6%	0.0%	2.0%
d. Reciprocity Non-Resident	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2. Graduate	557.6	575.0	642.5	741.8	704.5	756.3	756.3	756.3	771.4	5.2%	0.0%	2.0%
a. Indiana Resident	405.1	410.0	445.1	502.5	467.7	504.2	504.2	504.2	514.3	3.7%	0.0%	2.0%
b. Non-Resident	152.5	165.0	197.4	239.2	236.8	252.1	252.1	252.1	257.1	8.7%	0.0%	2.0%
d. Reciprocity Non-Resident	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
3. Professional	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
a. Indiana Resident	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
b. Non-Resident	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
d. Reciprocity Non-Resident	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
<b>TOTAL STUDENT FTE</b>	<b>6,723.0</b>	<b>6,922.2</b>	<b>7,093.0</b>	<b>7,645.8</b>	<b>7,434.7</b>	<b>7,377.5</b>	<b>7,377.5</b>	<b>7,377.5</b>	<b>7,525.1</b>	<b>1.6%</b>	<b>0.0%</b>	<b>2.0%</b>
<b>C. BREAKOUT OF HIGH SCHOOL ENROLLMENT</b>												
1. High School Headcount	93	99	100	481	433	648	648	648	661	38.2%	0.0%	2.0%
2. High School FTE	20.0	17.4	17.1	88.2	84.3	103.3	103.3	103.3	105.4	31.5%	0.0%	2.0%

Notes:

- Data to be provided by CHE through SIS as of 2011.
- Enrollment represents annual, unduplicated enrollment. In total student headcount and total student FTE, each student is represented only once, even if the student was reported multiple times by a campus or campus/center
- Statewide Technology students are excluded from counts for Purdue West Lafayette
- Counts include both degree-seeking and non-degree-seeking students
- Resident = students reported with residency status = 1 (assumed resident for tuition/fee purposes); Non-resident = students reported with residency status = 2 (assumed non-resident for tuition/fee purposes); 3 (MHEC - students enrolled through the Midwest Student Exchange Program); 5 (non-resident paying resident fees for reason other than reciprocity); and 0 (unknown/undeclared). Reciprocity = students reported with residency status = 4 (assumed resident via reciprocity)
- Section C is subset of Section A.1 and B.1
- FTE is calculated by taking sum of total census credit hours divided by 30 for undergraduates and 24 for graduates. For FTE calculations, high school students are considered undergraduates
- High school = students reported with class level of 01 (high school) or entry type = 4 (dual credit)
- Undergraduate = students reported with class level of 01 (high school), 02 (certificate 1 year), 03 (certificate 2 year), 04-05 (Associate); 06-09 (Baccalaureate); 16 (unclassified undergraduate); 18 (unclassified certificate); 19 (unclassified associate)
- Graduate = students reported with class level of 10 (post-baccalaureate certificate); 11 (Master); 12 (post-master's certificate); 13 (other graduate); 15 (doctoral); 17 (unclassified graduate); and 25 (doctor's degree-research/scholarship)
- Professional = students reported with class level of 14 (first professional) or 24 (doctor's degree-professional practice)

**BUDGET REPORT SCHEDULE X - A (BRS X - A)**  
**DEBT SERVICE ON ALL CAPITAL PROJECTS**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**DEBT SERVICE FOR ALL CAPITAL PROJECTS - 2007-2015**  
 For Purdue University - Calumet

	ACTUAL 2006-07	ACTUAL 2007-08	ACTUAL 2008-09	ACTUAL 2009-10	ACTUAL 2010-11	ACTUAL 2011-12	BUDGET 2012-13	PROP 2013-14	PROP 2014-15
<b>A. Projects Eligible for Fee Replacement</b>									
1. Existing Debt Service (Please list Series)									
Student Fee Bonds Series N	\$ 447,331	\$ 57,653	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Student Fee Bonds Series O	148,044	148,674	148,849	149,072	104,026	-	-	-	-
Student Fee Bonds Series P	1,345,764	1,343,506	1,344,383	1,342,189	1,342,706	1,346,926	1,346,995	1,342,979	1,347,484
Student Fee Bond Series Z-1	-	-	-	-	38,464	132,238	131,774	131,103	131,000
Student Fee Bonds Delivered Savings	-	0	0	-	(0)	-	11,003	-	-
<b>1. Total Existing Debt Service for Fee Replacement Projects</b>	<b>\$ 1,941,138</b>	<b>\$ 1,549,834</b>	<b>\$ 1,493,233</b>	<b>\$ 1,491,261</b>	<b>\$ 1,485,195</b>	<b>\$ 1,479,164</b>	<b>\$ 1,489,772</b>	<b>\$ 1,474,082</b>	<b>\$ 1,478,484</b>
2. New Debt Service Awaiting Issuance for Approved Fee Replacement Projects (1) N/A									
<b>2. Total Debt Service for Approved Fee Replacement Projects</b>	<b>\$ -</b>								
3. New Debt Service for Unapproved Fee Replacement Projects (4) Emerging Technologies Building Planning Funds									
<b>3. Total New Debt Service for Unapproved Fee Replacement Projects</b>	<b>\$ -</b>	<b>\$ 205,016</b>	<b>\$ 205,016</b>						
4. New Debt Service for Requested Fee Replacement Projects (2) Emerging Technologies Building									
<b>4. Total New Debt Service for Requested Fee Replacement Projects</b>	<b>\$ -</b>	<b>\$ 2,989,822</b>							
<b>TOTAL DEBT SERVICE FOR FEE REPLACEMENT PROJECTS</b>	<b>\$ 1,941,138</b>	<b>\$ 1,549,834</b>	<b>\$ 1,493,233</b>	<b>\$ 1,491,261</b>	<b>\$ 1,485,195</b>	<b>\$ 1,479,164</b>	<b>\$ 1,489,772</b>	<b>\$ 1,679,098</b>	<b>\$ 4,673,323</b>
Fee Replacement Reverted to State	\$ -	\$ -	\$ 120,825	\$ -	\$ 6,629	\$ 10,894			

**BUDGET REPORT SCHEDULE X - A (BRS X - A)**  
**DEBT SERVICE ON ALL CAPITAL PROJECTS**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**DEBT SERVICE FOR ALL CAPITAL PROJECTS - 2007-2015**  
 For Purdue University - Calumet

	ACTUAL 2006-07	ACTUAL 2007-08	ACTUAL 2008-09	ACTUAL 2009-10	ACTUAL 2010-11	ACTUAL 2011-12	BUDGET 2012-13	PROP 2013-14	PROP 2014-15
<b>B. Projects without Fee Replacement (3)</b>									
1. Existing Debt Service (Please list Series) Student Facilities System Revenue Bonds, 2004A Student Facilities System Revenue Bonds, 2009A Student Facilities System Revenue Bonds, 2011A Tax Exempt Commercial Paper - Qualified Energy Savings Projects	\$ 1,019,845 - - -	\$ 905,306 - - -	\$ 416,663 450,511 - -	\$ 159,026 1,045,025 - -	\$ 262,736 1,094,150 - 37,783	\$ 15,723 1,201,150 829,081 140,179	\$ 1,012,000 1,296,900 807,888 606,502	\$ 1,012,000 1,406,750 791,688 795,739	\$ 1,012,000 1,561,250 776,438 796,649
<b>1. Total Existing Debt Service for Other Projects</b>	<b>\$ 1,019,845</b>	<b>\$ 905,306</b>	<b>\$ 867,174</b>	<b>\$ 1,204,051</b>	<b>\$ 1,394,669</b>	<b>\$ 2,186,132</b>	<b>\$ 3,723,289</b>	<b>\$ 4,006,177</b>	<b>\$ 4,146,337</b>
2. New Debt Service Awaiting Issuance for Approved Projects (1) N/A									
<b>2. Total Debt Service for Approved Other Funded Projects</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
3. New Debt Service for Unapproved Other Funded Projects (4) N/A									
<b>3. Total New Debt Service for Unapproved Other Funded Projects</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
4. New Debt Service for Other Funded Requested Projects Student Wellness and Recreation Center									
<b>4. Total New Debt Service for Requested Other Funded Projects</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,341,149</b>
<b>TOTAL DEBT SERVICE FOR OTHER FUNDED PROJECTS</b>	<b>\$ 1,019,845</b>	<b>\$ 905,306</b>	<b>\$ 867,174</b>	<b>\$ 1,204,051</b>	<b>\$ 1,394,669</b>	<b>\$ 2,186,132</b>	<b>\$ 3,723,289</b>	<b>\$ 4,006,177</b>	<b>\$ 5,487,486</b>
<b>TOTAL DEBT SERVICE FOR ALL CAPITAL PROJECTS</b>	<b>\$ 2,960,984</b>	<b>\$ 2,455,140</b>	<b>\$ 2,360,407</b>	<b>\$ 2,695,312</b>	<b>\$ 2,879,864</b>	<b>\$ 3,665,297</b>	<b>\$ 5,213,061</b>	<b>\$ 5,685,275</b>	<b>\$ 10,160,808</b>

Notes:  
 (1) For those projects previously reviewed by CHE, SBC and SBA that do not have funding in 2011-13, and debt service is not included in existing debt service figures (A-1)  
 (2) Figures must match 2013-15 Capital Project Request Schedule for requested capital projects  
 (3) Figure should include all other debt service not related to fee replacement (auxiliary, revenue, short term notes, etc)  
 (4) Include only projects pending approval by CHE, SBC or SBA that are not funded in 2011-13 and have been previously authorized by the General Assembly  
 - For projects awaiting issuance, those not approved but authorized, and new capital projects, use a 20 year term at a 5.75% interest rate  
 - For projects awaiting issuance and those not approved but authorized, debt service should be included for 2014 and 2015  
 - For new capital project requests, debt service should start in FY 2015  
 - Figures should include both principal and interest

**BUDGET REPORT SCHEDULE X - B (BRS X - B)**  
**DEBT SERVICE ON ALL CAPITAL PROJECTS**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**SUMMARY OF DEBT SERVICE FOR ALL CAPITAL PROJECTS THROUGH RETIREMENT OF DEBT**  
 For Purdue University - Calumet

	Fee Replacement Debt Service		Other Debt Service		Total Debt Service
	Existing	Planned	Existing	Planned	
2011	\$ 1,485,195		\$ 1,394,669		2,879,864
2012	1,479,164		2,186,132		3,665,297
2013	1,489,772		3,723,289		5,213,061
2014	1,474,082	\$ 205,016	4,006,177	\$ -	5,685,275
2015	1,478,484	205,016	4,146,337	-	10,160,808
2016	1,477,771	205,016	4,120,237	-	10,133,996
2017	574,365	205,016	4,172,295	-	9,282,647
2018	128,742	205,016	4,305,564	-	8,970,294
2019	75,310	205,016	4,279,316	-	8,890,614
2020	-	205,016	3,888,712	-	8,424,699
2021	-	205,016	3,833,975	-	8,369,963
2022	-	205,016	3,670,788	-	8,206,775
2023	-	205,016	3,642,288	-	8,178,275
2024	-	205,016	3,600,788	-	8,136,775
2025	-	205,016	3,541,438	-	8,077,425
2026	-	205,016	3,553,000	-	8,088,988
2027	-	205,016	3,495,000	-	8,030,988
2028	-	205,016	3,439,500	-	7,975,488
2029	-	205,016	4,386,250	-	8,922,238
2030	-	205,016	4,272,500	-	8,808,488
2031	-	205,016	5,155,750	-	9,691,738
2032	-	205,016	4,988,500	-	9,524,488
2033	-	205,016	5,917,750	-	10,453,738
2034	-	-	1,580,250	-	5,911,221
2035	-	-	-	-	-

Notes:

- For projects previously authorized by the General Assembly, where funding is being requested for the first time, debt service should begin in FY 2014
- For new capital project requests, debt service should start in FY 2015
- If debt service extends beyond 2033, please add lines
- Institutions may include each series as an addendum to this schedule (recommended)
- Figures should include both principal and interest
- Figures should assume for new debt issuance a 5.75% interest rate for a term of 20 years

**BUDGET REPORT SCHEDULE X - C (BRS X - C)  
 OUTSTANDING DEBT ON ALL CAPITAL PROJECTS  
 INDIANA PUBLIC POSTSECONDARY EDUCATION  
 SUMMARY OF OUTSTANDING DEBT FOR ALL CAPITAL PROJECTS THROUGH RETIREMENT OF DEBT  
 For Purdue University - Calumet**

	Fee Replacement Outstanding Debt		Other Outstanding Debt		Total Outstanding Debt
	Existing	Planned	Existing	Planned	
2011	\$ 6,923,905		\$ 47,780,008		\$ 54,703,913
2012	5,806,226		47,047,820		52,854,046
2013	4,630,495		49,980,318		54,610,813
2014	3,397,964	\$ 2,332,984	48,563,318	\$ -	54,294,266
2015	2,096,574	2,262,114	46,938,318	-	100,581,284
2016	727,836	2,187,169	45,261,318	-	95,963,476
2017	190,920	2,107,915	43,451,695	-	91,954,473
2018	71,724	2,024,103	30,740,423	-	88,052,221
2019	-	1,935,473	29,518,175	-	84,024,551
2020	-	1,841,746	28,225,647	-	80,250,802
2021	-	1,742,630	26,858,800	-	76,329,520
2022	-	1,637,815	25,413,358	-	72,360,880
2023	-	1,526,973	23,884,804	-	68,205,818
2024	-	1,409,758	22,268,358	-	63,867,064
2025	-	1,285,802	20,558,966	-	59,361,933
2026	-	1,154,720	18,751,284	-	54,602,294
2027	-	1,016,100	16,839,660	-	49,634,550
2028	-	869,509	14,818,118	-	44,444,612
2029	-	714,489	12,680,338	-	38,017,864
2030	-	550,556	10,419,635	-	31,344,141
2031	-	377,197	8,028,941	-	23,412,691
2032	-	193,869	5,500,783	-	15,202,146
2033	-	(0)	2,827,255	-	5,600,481
2034	-	-	-	-	-
2035	-	-	-	-	-

Notes:

- For projects previously authorized by the General Assembly, where funding is being requested for the first time, debt service should begin in FY 2014
- For new capital project requests, debt service should start in FY 2015
- If debt service extends beyond 2033, please add lines
- Institutions may include each series as an addendum to this schedule (recommended)
- Figures should include both principle and interest
- Figures should assume for new debt issuance a 5.75% interest rate for a term of 20 years

**PERFORMANCE METRIC SCHEDULE I (PMS I)  
 OVERALL DEGREE COMPLETION PFF METRIC  
 INDIANA PUBLIC POSTSECONDARY EDUCATION  
 OVERALL DEGREE COMPLETION PFF METRIC FOR AY 2006-2011  
 For Purdue University - Calumet**

	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2006-08 3 Year Avg	2009-11 3 Year Avg	Change in 3 Year Avg
1 Year Certificates									
Associate Degrees	638	705	745	735	728	822	696	762	66
Bachelor Degrees	191	169	184	187	188	181	181	185	4
Masters Degrees	0	0	0	0	0	0	-	-	-
Doctoral Degrees	0	0	0	0	0	0	-	-	-
<b>TOTAL OVERALL DEGREES CONFERRED</b>	<b>829</b>	<b>874</b>	<b>929</b>	<b>922</b>	<b>916</b>	<b>1,003</b>	<b>877</b>	<b>947</b>	<b>70</b>

- Notes:
- CHE will provide data for this metric. Institutions should verify the data before submission to CHE
  - VU may include 1 Year Certificates, Associate and Bachelor Degrees
  - For all other four year institutions, only Bachelor, Master's, and Doctoral degrees conferred are counted
  - Assumes resident students only, no reciprocity. Residency status is based on residency at the time of degree conferment
  - Includes all degrees conferred as reported on SIS file for a given reporting year (B, M, D for 4-year institutions other than VU; Cert, Associate, and Bachelor for VU; and Cert and Associate for ITTCI)
  - Statewide Technology degrees conferred are excluded from Purdue West Lafayette counts

**PERFORMANCE METRIC SCHEDULE II (PMS II)  
AT-RISK STUDENT DEGREE COMPLETION PFF METRIC  
INDIANA PUBLIC POSTSECONDARY EDUCATION  
AT-RISK STUDENT DEGREE COMPLETION PFF METRIC FOR AY 2006-2011  
For Purdue University - Calumet**

	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2006-08 3 Year Avg	2009-11 3 Year Avg	Change in 3 Year Avg
1 Year Certificates									-
Associate Degrees									-
Bachelor Degrees	142	181	204	182	266	331	176	260	84
<b>TOTAL OVERALL DEGREES CONFERRED</b>	<b>142</b>	<b>181</b>	<b>204</b>	<b>182</b>	<b>266</b>	<b>331</b>	<b>176</b>	<b>260</b>	<b>84</b>

Notes:

- CHE will provide data for this metric. Institutions should verify the data before submission to CHE
- VU may include 1 Year Certificates, Associate and Bachelor Degrees
- For all other four year institutions, only Bachelor degrees conferred are counted
- Assumes resident students only, no reciprocity. Residency status is based on residency at the time of degree conferment
- "At-risk" is defined as Pell recipient at time of degree conferral
- Includes all degrees conferred to Pell recipients as reported on SIS file for a given reporting year (Bachelor for 4-year institutions other than VU; Cert, Associate, and Bachelor for VU; and Cert and Associate for ITTC)
- Statewide Technology degrees conferred are excluded from Purdue West Lafayette counts

**PERFORMANCE METRIC SCHEDULE IV (PMS IV)  
STUDENT PERSISTENCE INCENTIVE METRIC  
INDIANA PUBLIC POSTSECONDARY EDUCATION  
STUDENT PERSISTENCE INCENTIVE PFF METRIC FOR FY 2006-2011  
For Purdue University - Calumet**

	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2006-08 3 Year Avg	2009-11 3 Year Avg	Change in 3 Year Avg
<b>2 Year Campuses</b>									
Successfully Completed 15 Credit Hours									
Successfully Completed 30 Credit Hours									
Successfully Completed 45 Credit Hours									
<b>4 year Institutions</b>									
Successfully Completed 30 Credit Hours	1,294	1,299	1,273	1,246	1,394	1,427	1,289	1,356	67
Successfully Completed 60 Credit Hours	2,181	2,110	2,088	2,107	2,257	2,267	2,126	2,210	84
<b>OVERALL STUDENTS PERSISTING</b>	<b>3,475</b>	<b>3,409</b>	<b>3,361</b>	<b>3,353</b>	<b>3,651</b>	<b>3,694</b>	<b>3,415</b>	<b>3,566</b>	<b>151</b>

**Notes:**

- Assumes undergraduate, degree-seeking, resident students only, no reciprocity
- Resident status is based on FY being reported (e.g., for reporting FY06, the student must have been an Indiana resident during 05-06)
- Credit hour counts may include credits transferred in. However, a student must hit the credit hour threshold while enrolled at the institution (e.g., a student cannot transfer in 15 credits and be counted in the "successfully completed 15 credit hours" category. A student COULD transfer in 12 credit hours and earn three at the reporting institution and be counted in the "successfully completed 15 credit hours" category.
- Does not apply to IUB, PUWL, BSU or IUPUI General Academic
- Use headcount of students meeting the persistence marks for each year
- Based on fiscal year (summer A, fall, spring, summer B)

Instructions for calculating headcount

**2 Year Institutions**

- STEP 1) Identify headcount of all resident, degree-seeking undergraduate students who reached 15 earned credit hours during the FY being reported. The 15th credit hour must have been earned at the reporting institution.
- STEP 2) Identify headcount of all resident, degree-seeking undergraduate students who reached 30 earned credit hours during the FY being reported. The 30th credit hour must have been earned at the reporting institution.
- STEP 3) Identify headcount of all resident, degree-seeking undergraduate students who reached 45 earned credit hours during the FY being reported. The 45th credit hour must have been earned at the reporting institution.

**4 Year Institutions**

- STEP 1) Identify headcount of all resident, degree-seeking undergraduate students who reached 30 earned credit hours during the FY being reported. The 30th credit hour must have been earned at the reporting institution.
- STEP 2) Identify headcount of all resident, degree-seeking undergraduate students who reached 60 earned credit hours during the FY being reported. The 60th credit hour must have been earned at the reporting institution.

**PERFORMANCE METRIC SCHEDULE VI (PMS VI)  
ON-TIME GRADUATION RATE METRIC  
INDIANA PUBLIC POSTSECONDARY EDUCATION  
ON-TIME GRADUATION RATE METRIC FOR AY 2006-2011  
For Purdue University - Calumet**

	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2006-08 3 Year Avg	2009-11 3 Year Avg	Change in 3 Year Avg
<b>2 Year Institutions (Associates Only)</b>									
Number of Students Entering First Time, Full Time (1)	878	876	883	858	895	1,020	879	924	45
Number of Students Receiving a Degree in 2 years	46	62	64	60	62	97	57	73	16
On-Time Graduation Rate	5.2%	7.1%	7.2%	7.0%	6.9%	9.5%	6.5%	7.9%	1.4%
<b>4 year Institutions (Bachelor Only)</b>									
Number of Students Entering First Time, Full Time (1)									
Number of Students Receiving a Degree in 4 years									
On-Time Graduation Rate									

**Notes:**

(1) Should be the cohort entering in the fall 2 or 4-years prior to graduation. Example, 2005-06 should be the cohort of 2004-05 for 2 year and 2002-2003 for 4 year.

- VU may include both Associate and Bachelor Degrees; therefore, VU must fill out lines 8-9 and lines 13-14
- Assumes undergraduate resident students only, no reciprocity
- Residency status is based on residency at time of cohort entry
- Applies to Associate and Bachelor degrees only
- Degree seeking students, no exclusions, fall enrollment for cohorts only

**2 Year Institutions**

STEP 1) Identify students who enrolled as resident, first-time, full-time, Associate's degree seeking students in the fall one year prior to the reporting year (e.g., for reporting year 2005-2006, identify students who enrolled as first-time, full-time, Associate's degree seeking students in the fall of the 2004-2005 academic year). Enter the number determined in STEP 1 in line 8.  
STEP 2) For the students identified in STEP 1, determine the number of students who earned an Associate's degree by the end of the academic year (August) for which data are being reported. In order to be included in STEP 2, the student must have earned the Associate's degree from the same institution at which the student was counted in STEP 1.  
Enter the number determined in STEP 2 in line 9.

**4 Year Institutions**

STEP 1) Identify students who enrolled as resident, first-time, full-time, Bachelor's degree seeking students in the fall three years prior to the reporting year (e.g., for reporting year 2005-2006, identify students who enrolled as first-time, full-time, Bachelor's degree seeking students in fall of the 2002-2003 academic year). Enter the number determined in STEP 1 in line 13.  
STEP 2) For the students identified in STEP 1, determine the number of students who earned a Bachelor's degree by the end of the academic year (August) for which data are being reported. In order to be included in STEP 2, the student must have earned the Bachelor's degree from the same institution at which the student was counted in STEP 1.  
Enter the number determined in STEP 2 in line 14.

**NOTE:** Per ICHE, includes students who began at one Purdue campus and earned a bachelor's within 4 years from another Purdue campus. Degree was counted at the original campus of enrollment.

**PERFORMANCE METRIC SCHEDULE VII (PMS VII)**  
**INSTITUTION DEFINED PRODUCTIVITY METRIC - Degree Efficiency**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
 For Purdue University - Calumet

	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2006-08 3 Year Avg	2009-11 3 Year Avg	Change in 3 Year Avg
Undergraduate Bachelors Full-time Equivalent	4,523	4,697	4,889	5,292	5,157	4,875	4,703	5,108	405
Annual Indiana resident Baccalaureate Graduates	643	708	748	736	747	828	700	770	71
Degree Attainment Efficiency Rate	56.9%	60.3%	61.2%	55.6%	57.9%	67.9%	59.5%	60.5%	1.1%

Notes:  
 - This schedule will be updated, currently it is in draft form  
 - The Commission will format PMS VII based on the agreed upon performance metric

**Degree Attainment Efficiency rate** = Indiana resident bachelors degrees awarded times 4; divided by Bachelors-seeking Indiana resident FTE

Formulas and Definitions

**Degree Attainment Efficiency Rate** = (Total Degrees \* 4) / FTE Enrollment

**Degrees** = Annual Indiana resident Bachelor's Degrees (IPEDS Completion year)

**Full-time Equivalent formula (FTE)** = Total annual Indiana resident Bachelor's-seeking student credit hours divided by 30

**Annual** = summer + fall + spring

The **Degree Attainment Rate** provides important degree production information. It is a ratio comparing the number of Indiana resident *graduates* in any given year to the number of Indiana resident students *enrolled* in the university (as expressed by FTE) for that year.

The long-term student incurs an appreciably increasing cost of attendance. Moving students toward graduation more quickly reduces the long-term and overall cost of attendance for each student.

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**SUMMARY BUDGET REQUEST SCHEDULE I (SBRS I)**  
**GENERAL AND DEDICATED FUNDS STATE SUPPORT REQUEST SUMMARY**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**SUMMARY OF OPERATING, DEBT SERVICE, LINE ITEMS AND REPAIR AND REHABILITATION FUNDING FOR 2013-15**  
**For Indiana University - Purdue University Fort Wayne**

	Actual 2010-11	Actual 2011-12	Approp 2012-13 (a)	Estimated 2012-13 (b)	2014 Budget Adjustment (c)	2014 Base Budget (d)	Request 2013-14	2015 Budget Adjustment (e)	2015 Base Budget (f)	Request 2014-15	% Change 2013 v 2014	% Change 2014 v 2015
<b>A. Operating Budget Request</b>												
Operating Budget Base (1)	\$ 37,816,896	\$ 38,563,050	\$ 38,563,050	\$ 38,563,050	\$ (2,313,783)	\$ 36,249,267	\$ 36,249,267	\$ (2,699,414)	\$ 35,863,637	\$ 35,863,637		
<b>Performance Formula Funding (2)</b>												
- Overall Degree Completion							\$ 734,029			\$ 856,367		
- At-Risk Student Degree Completion							\$ 542,989			\$ 633,488		
- High Impact Degree Completion							\$ -			\$ -		
- Student Persistence Incentive							\$ 27,285			\$ 31,832		
- Remediation Success Incentive							\$ -			\$ -		
- On-time Graduation Rate Metric							\$ -			\$ -		
- Institution Defined Productivity Metric							\$ -			\$ -		
<b>TOTAL OPERATING BUDGET REQUEST</b>	<b>\$ 37,816,896</b>	<b>\$ 38,563,050</b>	<b>\$ 38,563,050</b>	<b>\$ 38,563,050</b>	<b>\$ (2,313,783)</b>	<b>\$ 36,249,267</b>	<b>\$ 37,553,570</b>	<b>\$ (2,699,414)</b>	<b>\$ 35,863,637</b>	<b>\$ 37,385,324</b>	<b>-2.6%</b>	<b>-0.4%</b>
<b>B. Debt Service (3)</b>												
<b>C. Line Items (4)</b>												
- General Fund												
- Dedicated Funds												
- Other Funds												
<b>D. Repair and Rehabilitation (General Fund) (5)</b>												
- Building												
- Infrastructure												
<b>TOTAL BUDGET REQUEST (ALL FUNDS)</b>	<b>\$ 43,222,209</b>	<b>\$ 43,935,375</b>	<b>\$ 43,983,087</b>	<b>\$ 43,942,846</b>	<b>\$ (2,313,783)</b>	<b>\$ 36,249,267</b>	<b>\$ 44,597,624</b>	<b>\$ (2,699,414)</b>	<b>\$ 35,863,637</b>	<b>\$ 48,078,782</b>	<b>1.4%</b>	<b>7.8%</b>
<b>TOTAL BUDGET REQUEST (STATE GENERAL FUND ONLY)</b>	<b>\$ 43,222,209</b>	<b>\$ 43,935,375</b>	<b>\$ 43,983,087</b>	<b>\$ 43,942,846</b>	<b>\$ (2,313,783)</b>	<b>\$ 36,249,267</b>	<b>\$ 44,597,624</b>	<b>\$ (2,699,414)</b>	<b>\$ 35,863,637</b>	<b>\$ 48,078,782</b>	<b>1.4%</b>	<b>7.8%</b>

- Notes:
- (1) For FY 2011 through 2013 include actual operating distribution to institution/campus
  - (2) For Budget Request FY 2014 and 2015 include amounts from schedules PMS I through VII
  - (3) include amount of state funded debt service from schedule CRS I
  - (4) include amounts from BRS XI schedules. Separate by funding source
  - (5) include figures from CRS V split by building and infrastructure amounts
  - (a) Figures should reflect appropriation amount for FY13
  - (b) Figures should reflect estimated expenditures for FY13
  - (c) Multiply FY 13 Operating Appropriation by 6% (do not calculate for Debt Service, Line Items or R&R)
  - (d) Subtract 2014 Base Adjustment Amount from FY 13 Operating Appropriation (Operating Only)
  - (e) Multiply FY 13 Operating Appropriation by 7% (do not calculate for Debt Service, Line Items or R&R)
  - (f) Subtract 2015 Base Adjustment Amount FY 13 Operating Appropriation (Operating Only)

**BUDGET REPORT SCHEDULE VIII (BRS VIII)**  
**STUDENT ENROLLMENT DATA**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**SUMMARY OF STUDENT ENROLLMENT BY DEGREE TYPE AND RESIDENCY (FTE AND HEADCOUNT)**  
**For Indiana University - Purdue University - Fort Wayne**

	ACTUAL 2006-07	ACTUAL 2007-08	ACTUAL 2008-09	ACTUAL 2009-10	ACTUAL 2010-11	PROJ 2011-12	BUDGET 2012-13	PROP 2013-14	PROP 2014-15	2007-13 CAGR	% Change 2013 v 2014	% Change 2014 v 2015
<b>A. ANNUAL STUDENT HEADCOUNT</b>												
1. Undergraduate	13,412	13,635	14,571	15,799	15,920	16,091	16,091	16,091	16,091	3.1%	0.0%	0.0%
a. Indiana Resident	12,815	13,053	13,937	15,152	15,092	15,389	15,389	15,389	15,389	3.1%	0.0%	0.0%
b. Non-Resident	597	582	634	647	828	702	702	702	702	2.7%	0.0%	0.0%
d. Reciprocity Non-Resident	0	0	0	0	0	0	0	0	0	0.0%	0.0%	0.0%
2. Graduate	1,387	1,422	1,374	1,441	1,283	1,004	1,004	1,004	1,004	-5.2%	0.0%	0.0%
a. Indiana Resident	1,339	1,372	1,320	1,371	1,184	945	945	945	945	-5.6%	0.0%	0.0%
b. Non-Resident	48	50	54	70	99	59	59	59	59	3.5%	0.0%	0.0%
d. Reciprocity Non-Resident	0	0	0	0	0	0	0	0	0	0.0%	0.0%	0.0%
3. Professional	0	0	0	0	0	0	0	0	0	0.0%	0.0%	0.0%
a. Indiana Resident	0	0	0	0	0	0	0	0	0	0.0%	0.0%	0.0%
b. Non-Resident	0	0	0	0	0	0	0	0	0	0.0%	0.0%	0.0%
d. Reciprocity Non-Resident	0	0	0	0	0	0	0	0	0	0.0%	0.0%	0.0%
<b>TOTAL STUDENT HEADCOUNT</b>	<b>14,799</b>	<b>15,057</b>	<b>15,945</b>	<b>17,240</b>	<b>17,203</b>	<b>17,095</b>	<b>17,095</b>	<b>17,095</b>	<b>17,095</b>	<b>2.4%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>B. ANNUAL FULL-TIME EQUIVALENT (FTE) STUDENTS</b>												
1. Undergraduate	8,147.4	8,345.7	8,765.1	9,566.1	9,879.8	10,266.4	10,266.4	10,266.4	10,266.4	3.9%	0.0%	0.0%
a. Indiana Resident	7,763.3	7,925.1	8,329.6	9,088.8	9,263.9	9,714.5	9,714.5	9,714.5	9,714.5	3.8%	0.0%	0.0%
b. Non-Resident	384.1	420.6	435.5	477.3	615.9	551.9	551.9	551.9	551.9	6.2%	0.0%	0.0%
d. Reciprocity Non-Resident	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	0.0%
2. Graduate	492.3	529.3	479.8	547.0	500.0	466.5	466.5	466.5	466.5	-0.9%	0.0%	0.0%
a. Indiana Resident	468.0	505.2	455.7	511.8	453.4	433.8	433.8	433.8	433.8	-1.3%	0.0%	0.0%
b. Non-Resident	24.3	24.0	24.0	35.2	46.6	32.7	32.7	32.7	32.7	5.1%	0.0%	0.0%
d. Reciprocity Non-Resident	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	0.0%
3. Professional	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	0.0%
a. Indiana Resident	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	0.0%
b. Non-Resident	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	0.0%
d. Reciprocity Non-Resident	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0%	0.0%	0.0%
<b>TOTAL STUDENT FTE</b>	<b>8,639.7</b>	<b>8,874.9</b>	<b>9,244.8</b>	<b>10,113.1</b>	<b>10,379.8</b>	<b>10,732.9</b>	<b>10,732.9</b>	<b>10,732.9</b>	<b>10,732.9</b>	<b>3.7%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>C. BREAKOUT OF HIGH SCHOOL ENROLLMENT</b>												
1. High School Headcount	88	352	1,022	1,733	1,834	2,429	2,429	2,429	2,429	73.8%	0.0%	0.0%
2. High School FTE	16.1	54.8	172.7	278.4	320.0	446.9	446.9	446.9	446.9	74.0%	0.0%	0.0%

Notes:

- Data to be provided by CHE through SIS as of 2011.
- Enrollment represents annual, unduplicated enrollment. In total student headcount and total student FTE, each student is represented only once, even if the student was reported multiple times by a campus or campus/center
- Statewide Technology students are excluded from counts for Purdue West Lafayette
- Counts include both degree-seeking and non degree-seeking students
- Resident = students reported with residency status = 1 (assumed resident for tuition/fee purposes). Non-resident = students reported with residency status = 2 (assumed non-resident for tuition/fee purposes); 3 (MHEC - students enrolled through the Midwest Student Exchange Program); 5 (non-resident paying resident fees for reason other than reciprocity); and 0 (unknown/undeclared). Reciprocity = students reported with residency status = 4 (assumed resident via reciprocity)
- Section C is subset of Section A.1 and B.1
- FTE is calculated by taking sum of total census credit hours divided by 30 for undergraduates and 24 for graduates. For FTE calculations, high school students are considered undergraduates
- High school = students reported with class level of 01 (high school) or entry type = 4 (dual credit)
- Undergraduate = students reported with class level of 01 (high school); 02 (certificate 1 year); 03 (certificate 2 year); 04-05 (Associate); 06-09 (Baccalaureate); 16 (unclassified undergraduate); 18 (unclassified certificate); 19 (unclassified associate)
- Graduate = students reported with class level of 10 (post-baccalaureate certificate); 11 (Master's); 12 (post-master's certificate); 13 (other graduate); 15 (doctoral); 17 (unclassified graduate); and 25 (doctor's degree-research/scholarship)
- Professional = students reported with class level of 14 (first professional) or 24 (doctor's degree-professional practice)

**BUDGET REPORT SCHEDULE X - A (BRS X - A)**  
**DEBT SERVICE ON ALL CAPITAL PROJECTS**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**DEBT SERVICE FOR ALL CAPITAL PROJECTS - 2007-2015**  
 For Indiana University - Purdue University Fort Wayne

	ACTUAL 2006-07	ACTUAL 2007-08	ACTUAL 2008-09	ACTUAL 2009-10	ACTUAL 2010-11	ACTUAL 2011-12	BUDGET 2012-13	PROP 2013-14	PROP 2014-15
<b>A. Projects Eligible for Fee Replacement</b>									
1. Existing Debt Service (Please list Series)									
Student Fee Bond Series E	\$ 582,048	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Student Fee Bond Series N	544,357	128,987	67,464	66,150	67,993	69,492	70,735	8,763	-
Student Fee Bond Series O	541,395	543,699	544,338	545,153	380,419	-	-	-	-
Student Fee Bonds Series P	1,572,970	1,570,331	1,571,357	1,568,792	1,569,397	1,574,329	1,574,410	1,569,716	1,574,982
Student Fee Bonds Series V	-	1,243,250	983,501	38,683	-	1,820,525	1,821,775	-	1,824,000
Student Fee Bonds Series X	-	-	902,543	1,822,775	1,424,320	1,424,388	1,430,984	1,821,025	1,824,000
Student Fee Bond Series Y	-	-	-	1,043,562	140,660	483,591	481,893	479,440	1,434,180
Student Fee Bond Series Z-1	-	-	-	-	(0)	-	40,240	-	479,062
Student Fee Bonds Interim Financing (F09) and Delivered Savings	(0)	0	304,370	(0)	(0)	-	-	-	-
<b>1. Total Existing Debt Service for Fee Replacement Projects</b>	<b>\$ 3,240,769</b>	<b>\$ 3,486,268</b>	<b>\$ 4,373,574</b>	<b>\$ 5,085,115</b>	<b>\$ 5,405,313</b>	<b>\$ 5,372,325</b>	<b>\$ 5,420,037</b>	<b>\$ 5,310,403</b>	<b>\$ 5,312,223</b>
2. New Debt Service Awaiting Issuance for Approved Fee Replacement Projects (1) N/A									
<b>2. Total Debt Service for Approved Fee Replacement Projects</b>	<b>\$ -</b>								
3. New Debt Service for Unapproved Fee Replacement Projects (4) N/A									
<b>3. Total New Debt Service for Unapproved Fee Replacement Projects</b>	<b>\$ -</b>								
4. New Debt Service for Requested Fee Replacement Projects (2) South Campus Renovations									
<b>4. Total New Debt Service for Requested Fee Replacement Projects</b>	<b>\$ -</b>	<b>\$ 3,647,583</b>							
<b>TOTAL DEBT SERVICE FOR FEE REPLACEMENT PROJECTS</b>	<b>\$ 3,240,769</b>	<b>\$ 3,486,268</b>	<b>\$ 4,373,574</b>	<b>\$ 5,085,115</b>	<b>\$ 5,405,313</b>	<b>\$ 5,372,325</b>	<b>\$ 5,420,037</b>	<b>\$ 5,310,403</b>	<b>\$ 8,959,807</b>
Fee Replacement Reverted to State	\$ 1	\$ 737,063	\$ 978,457	\$ 910,126	\$ 575,329	\$ 39,839			

**BUDGET REPORT SCHEDULE X - A (BRS X - A)**  
**DEBT SERVICE ON ALL CAPITAL PROJECTS**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**DEBT SERVICE FOR ALL CAPITAL PROJECTS - 2007-2015**  
 For Indiana University - Purdue University Fort Wayne

	ACTUAL 2006-07	ACTUAL 2007-08	ACTUAL 2008-09	ACTUAL 2009-10	ACTUAL 2010-11	ACTUAL 2011-12	BUDGET 2012-13	PROP 2013-14	PROP 2014-15
<b>B. Projects without Fee Replacement (3)</b>									
1. Existing Debt Service (Please list Series)									
Student Fee Bonds Series X	\$ -	\$ -	\$ 99,368	\$ 711,250	\$ 712,500	\$ 713,000	\$ 712,750	\$ 711,750	\$ 708,325
Student Fee Bond Series Z-1	-	-	-	-	620,411	26,250	-	-	-
Student Fee Bond Series Z-2 (Build America Bonds)	-	-	-	-	230,661	380,908	1,075,908	1,081,192	1,114,804
Student Facilities System Revenue Bonds, 2003B	871,100	467,850	511,600	543,350	593,150	629,150	678,400	720,375	775,250
Student Facilities System Revenue Bonds, 2007A	423,757	866,775	866,775	866,775	866,775	866,775	866,775	866,775	866,775
Student Facilities System Revenue Bonds, 2007B	123,113	701,745	702,945	703,745	704,145	704,145	701,145	702,645	701,245
Student Facilities System Revenue Bonds, 2009B	-	-	-	1,745,039	2,255,535	2,251,285	2,247,800	2,255,600	2,257,100
Certificates of Participation 2006	974,052	1,005,997	1,004,842	1,010,373	591,400	593,900	590,150	590,350	589,750
Tax Exempt Commercial Paper - Qualified Energy Savings Projects	-	-	367,070	-	355,272	378,555	365,699	365,514	365,744
<b>1. Total Existing Debt Service for Other Projects</b>	<b>\$ 2,392,022</b>	<b>\$ 3,042,367</b>	<b>\$ 3,185,530</b>	<b>\$ 5,947,601</b>	<b>\$ 6,929,850</b>	<b>\$ 6,543,969</b>	<b>\$ 7,238,627</b>	<b>\$ 7,294,201</b>	<b>\$ 7,378,993</b>
2. New Debt Service Awaiting Issuance for Approved Projects (1) N/A									
<b>2. Total Debt Service for Approved Other Funded Projects</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
3. New Debt Service for Unapproved Other Funded Projects (4) N/A									
<b>3. Total New Debt Service for Unapproved Other Funded Projects</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
4. New Debt Service for Other Funded Requested Projects N/A									
<b>4. Total New Debt Service for Requested Other Funded Projects</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>TOTAL DEBT SERVICE FOR OTHER FUNDED PROJECTS</b>	<b>\$ 2,392,022</b>	<b>\$ 3,042,367</b>	<b>\$ 3,185,530</b>	<b>\$ 5,947,601</b>	<b>\$ 6,929,850</b>	<b>\$ 6,543,969</b>	<b>\$ 7,238,627</b>	<b>\$ 7,294,201</b>	<b>\$ 7,378,993</b>
<b>TOTAL DEBT SERVICE FOR ALL CAPITAL PROJECTS</b>	<b>\$ 5,632,791</b>	<b>\$ 6,528,635</b>	<b>\$ 7,559,103</b>	<b>\$ 11,032,717</b>	<b>\$ 12,335,163</b>	<b>\$ 11,916,293</b>	<b>\$ 12,658,664</b>	<b>\$ 12,604,603</b>	<b>\$ 16,338,799</b>

Notes:

(1) For those projects previously reviewed by CHE, SBC and SBA that do not have funding in 2011-13, and debt service is not included in existing debt service figures (A-1)

(2) Figures must match 2013-15 Capital Project Request Schedule for requested capital projects

(3) Figure should include all other debt service not related to fee replacement (auxiliary, revenue, short term notes, etc)

(4) Include only projects pending approval by CHE, SBC or SBA that are not funded in 2011-13 and have been previously authorized by the General Assembly

- For projects awaiting issuance, those not approved but authorized, and new capital projects, use a 20 year term at a 5.75% interest rate

- For projects awaiting issuance and those not approved but authorized, debt service should be included for 2014 and 2015

- For new capital project requests, debt service should start in FY 2015

- Figures should include both principal and interest

**BUDGET REPORT SCHEDULE X - B (BRS X - B)  
DEBT SERVICE ON ALL CAPITAL PROJECTS  
INDIANA PUBLIC POSTSECONDARY EDUCATION  
SUMMARY OF DEBT SERVICE FOR ALL CAPITAL PROJECTS THROUGH RETIREMENT OF DEBT  
For Indiana University - Purdue University Fort Wayne**

	Fee Replacement Debt Service		Other Debt Service		Total Debt Service
	Existing	New	Planned	New	
2011	\$ 5,405,313	-	-	-	\$ 5,405,313
2012	5,372,325	-	-	-	5,372,325
2013	5,420,037	-	-	-	5,420,037
2014	5,310,403	\$ -	\$ -	\$ -	5,310,403
2015	5,312,223	-	-	-	5,312,223
2016	5,310,600	-	-	-	5,310,600
2017	4,252,847	-	-	-	4,252,847
2018	3,732,088	-	-	-	3,732,088
2019	3,535,799	-	-	-	3,535,799
2020	3,261,406	-	-	-	3,261,406
2021	3,261,116	-	-	-	3,261,116
2022	3,265,311	-	-	-	3,265,311
2023	3,268,374	-	-	-	3,268,374
2024	3,270,141	-	-	-	3,270,141
2025	3,271,959	-	-	-	3,271,959
2026	3,270,179	-	-	-	3,270,179
2027	3,267,831	-	-	-	3,267,831
2028	1,821,750	-	-	-	1,821,750
2029	-	-	-	-	-
2030	-	-	-	-	-
2031	-	-	-	-	-
2032	-	-	-	-	-
2033	-	-	-	-	-
2034	-	-	-	-	-
2035	-	-	-	-	-
	\$ 6,929,850	\$ -	\$ -	\$ -	\$ 6,929,850
	6,543,969	-	-	-	6,543,969
	7,238,627	-	-	-	7,238,627
	7,294,201	-	-	-	7,294,201
	7,378,993	-	-	-	7,378,993
	7,440,311	-	-	-	7,440,311
	6,890,466	-	-	-	6,890,466
	6,622,829	-	-	-	6,622,829
	6,548,682	-	-	-	6,548,682
	6,589,187	-	-	-	6,589,187
	6,655,801	-	-	-	6,655,801
	6,720,433	-	-	-	6,720,433
	6,775,448	-	-	-	6,775,448
	6,844,852	-	-	-	6,844,852
	6,905,092	-	-	-	6,905,092
	6,975,730	-	-	-	6,975,730
	7,055,413	-	-	-	7,055,413
	7,128,679	-	-	-	7,128,679
	6,486,596	-	-	-	6,486,596
	4,112,647	-	-	-	4,112,647
	2,985,500	-	-	-	2,985,500
	2,989,250	-	-	-	2,989,250
	2,286,750	-	-	-	2,286,750
	2,288,000	-	-	-	2,288,000
	2,294,250	-	-	-	2,294,250

Notes:

- For projects previously authorized by the General Assembly, where funding is being requested for the first time, debt service should begin in FY 2014
- For new capital project requests, debt service should start in FY 2015
- If debt service extends beyond 2033, please add lines
- Institutions may include each series as an addendum to this schedule (recommended)
- Figures should include both principal and interest
- Figures should assume for new debt issuance a 5.75% interest rate for a term of 20 years

**BUDGET REPORT SCHEDULE X - C (BRS X - C)  
 OUTSTANDING DEBT ON ALL CAPITAL PROJECTS  
 INDIANA PUBLIC POSTSECONDARY EDUCATION  
 SUMMARY OF OUTSTANDING DEBT FOR ALL CAPITAL PROJECTS THROUGH RETIREMENT OF DEBT  
 For Indiana University - Purdue University Fort Wayne**

	Fee Replacement Outstanding Debt		Other Outstanding Debt		Total Outstanding Debt
	Existing	Planned	Existing	Planned	
2011	\$ 46,333,279	-	\$ 89,703,981	-	\$ 136,037,260
2012	43,271,207	-	87,098,542	-	130,369,749
2013	40,065,959	-	83,770,542	-	123,836,501
2014	36,773,459	\$ -	80,279,542	\$ -	117,053,001
2015	33,314,283	\$ -	76,574,542	\$ -	151,396,492
2016	29,684,134	-	72,602,532	-	142,533,440
2017	26,930,590	-	69,078,532	-	134,922,502
2018	24,558,893	-	65,690,000	-	127,752,209
2019	22,264,900	-	62,235,000	-	120,512,073
2020	20,130,600	-	58,590,000	-	113,155,890
2021	17,887,000	-	54,715,000	-	105,369,736
2022	15,524,000	-	50,600,000	-	97,128,297
2023	13,036,600	-	46,245,000	-	88,421,061
2024	10,419,700	-	41,620,000	-	79,207,096
2025	7,666,600	-	36,720,000	-	69,468,538
2026	4,773,900	-	31,520,000	-	59,170,466
2027	1,735,000	-	25,990,000	-	48,269,386
2028	-	-	20,544,386	-	38,198,104
2029	-	-	18,078,104	-	30,080,012
2030	-	-	15,470,012	-	23,921,954
2031	-	-	12,711,954	-	18,580,308
2032	-	-	9,795,308	-	12,945,955
2033	-	-	6,710,955	-	7,709,251
2034	-	-	3,449,251	-	2,185,000
2035	-	-	-	-	-

Notes:

- For projects previously authorized by the General Assembly, where funding is being requested for the first time, debt service should begin in FY 2014
- For new capital project requests, debt service should start in FY 2015
- If debt service extends beyond 2033, please add lines
- Institutions may include each series as an addendum to this schedule (recommended)
- Figures should include both principle and interest
- Figures should assume for new debt issuance a 5.75% interest rate for a term of 20 years

**PERFORMANCE METRIC SCHEDULE I (PMS I)  
 OVERALL DEGREE COMPLETION PFF METRIC  
 INDIANA PUBLIC POSTSECONDARY EDUCATION  
 OVERALL DEGREE COMPLETION PFF METRIC FOR AY 2006-2011  
 For Indiana University - Purdue University - Fort Wayne**

	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2006-08 3 Year Avg	2009-11 3 Year Avg	Change in 3 Year Avg
1 Year Certificates									-
Associate Degrees	972	922	934	964	1,083	1,024	943	1,024	81
Bachelor Degrees	180	189	180	201	197	230	183	209	26
Masters Degrees	0	0	0	0	0	0	-	-	-
Doctoral Degrees	0	0	0	0	0	0	-	-	-
<b>TOTAL OVERALL DEGREES CONFERRED</b>	<b>1,152</b>	<b>1,111</b>	<b>1,114</b>	<b>1,165</b>	<b>1,280</b>	<b>1,254</b>	<b>1,126</b>	<b>1,233</b>	<b>107</b>

- Notes:
- CHE will provide data for this metric. Institutions should verify the data before submission to CHE
  - VU may include 1 Year Certificates, Associate and Bachelor Degrees
  - For all other four year institutions, only Bachelor, Master's, and Doctoral degrees conferred are counted
  - Assumes resident students only, no reciprocity. Residency status is based on residency at the time of degree conferment
  - Includes all degrees conferred as reported on SIS file for a given reporting year (B, M, D for 4-year institutions other than VU; Cert, Associate, and Bachelor for VU; and Cert and Associate for ITTCI)
  - Statewide Technology degrees conferred are excluded from Purdue West Lafayette counts

**PERFORMANCE METRIC SCHEDULE II (PMS II)  
 AT-RISK STUDENT DEGREE COMPLETION PFF METRIC  
 INDIANA PUBLIC POSTSECONDARY EDUCATION  
 AT-RISK STUDENT DEGREE COMPLETION PFF METRIC FOR AY 2006-2011  
 For Indiana University - Purdue University - Fort Wayne**

	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2006-08 3 Year Avg	2009-11 3 Year Avg	Change in 3 Year Avg
1 Year Certificates									
Associate Degrees									
Bachelor Degrees	233	237	225	261	348	382	232	330	99
<b>TOTAL OVERALL DEGREES CONFERRED</b>	<b>233</b>	<b>237</b>	<b>225</b>	<b>261</b>	<b>348</b>	<b>382</b>	<b>232</b>	<b>330</b>	<b>99</b>

Notes:

- CHE will provide data for this metric. Institutions should verify the data before submission to CHE
- VU may include 1 Year Certificates, Associate and Bachelor Degrees
- For all other four year institutions, only Bachelor degrees conferred are counted
- Assumes resident students only, no reciprocity. Residency status is based on residency at the time of degree conferment
- "At-risk" is defined as Pell recipient at time of degree conferral
- Includes all degrees conferred to Pell recipients as reported on SIS file for a given reporting year (Bachelor for 4-year institutions other than VU; Cert, Associate, and Bachelor for VU; and Cert and Associate for ITTC)
- Statewide Technology degrees conferred are excluded from Purdue West Lafayette counts

**PERFORMANCE METRIC SCHEDULE IV (PMS IV)  
STUDENT PERSISTENCE INCENTIVE METRIC  
INDIANA PUBLIC POSTSECONDARY EDUCATION  
STUDENT PERSISTENCE INCENTIVE PFF METRIC FOR FY 2006-2011  
For Indiana University - Purdue University - Fort Wayne**

	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2006-08 3 Year Avg	2009-11 3 Year Avg	Change in 3 Year Avg
<b>2 Year Campuses</b>									
Successfully Completed 15 Credit Hours									-
Successfully Completed 30 Credit Hours									-
Successfully Completed 45 Credit Hours									-
<b>4 year Institutions</b>									
Successfully Completed 30 Credit Hours	1,907	1,890	1,731	1,804	1,954	1,877	1,843	1,878	36
Successfully Completed 60 Credit Hours	1,617	1,587	1,607	1,555	1,570	1,607	1,604	1,577	(26)
<b>OVERALL STUDENTS PERSISTING</b>	<b>3,524</b>	<b>3,477</b>	<b>3,338</b>	<b>3,359</b>	<b>3,524</b>	<b>3,484</b>	<b>3,446</b>	<b>3,456</b>	<b>9</b>

**Notes:**

- Assumes undergraduate , degree-seeking, resident students only, no reciprocity
- Resident status is based on FY being reported (e.g., for reporting FY06, the student must have been an Indiana resident during 05-06)
- Credit hour counts may include credits transferred in. However, a student must hit the credit hour threshold while enrolled at the institution (e.g., a student cannot transfer in 15 credits and be counted in the "successfully completed 15 credit hours" category. A student COULD transfer in 12 credit hours and earn three at the reporting institution and be counted in the "successfully completed 15 credit hours" category.
- Does not apply to IUB, PUWL, BSU or IUPUI General Academic
- Use headcount of students meeting the persistence marks for each year
- Based on fiscal year (summer A, fall, spring, summer B)

Instructions for calculating headcount

**2 Year Institutions**

- STEP 1) Identify headcount of all resident, degree-seeking undergraduate students who reached 15 earned credit hours during the FY being reported. The 15th credit hour must have been earned at the reporting institution.
- STEP 2) Identify headcount of all resident, degree-seeking undergraduate students who reached 30 earned credit hours during the FY being reported. The 30th credit hour must have been earned at the reporting institution.
- STEP 3) Identify headcount of all resident, degree-seeking undergraduate students who reached 45 earned credit hours during the FY being reported. The 45th credit hour must have been earned at the reporting institution.

**4 Year Institutions**

- STEP 1) Identify headcount of all resident, degree-seeking undergraduate students who reached 30 earned credit hours during the FY being reported. The 30th credit hour must have been earned at the reporting institution.
- STEP 2) Identify headcount of all resident, degree-seeking undergraduate students who reached 60 earned credit hours during the FY being reported. The 60th credit hour must have been earned at the reporting institution.

**PERFORMANCE METRIC SCHEDULE VI (PMS VI)  
ON-TIME GRADUATION RATE METRIC  
INDIANA PUBLIC POSTSECONDARY EDUCATION  
ON-TIME GRADUATION PFF METRIC FOR AY 2006-2011  
For Indiana University - Purdue University - Fort Wayne**

	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2006-08 3 Year Avg	2009-11 3 Year Avg	Change in 3 Year Avg
<b>2 Year Institutions (Associates Only)</b>									
Number of Students Entering First Time, Full Time (1)	1,176	1,174	1,235	1,246	1,254	1,336	1,195	1,279	84
Number of Students Receiving a Degree in 2 years	82	80	98	78	58	74	87	70	(17)
On-Time Graduation Rate	7.0%	6.8%	7.9%	6.3%	4.6%	5.5%	7.3%	5.5%	-1.8%
<b>4 year Institutions (Bachelor Only)</b>									
Number of Students Entering First Time, Full Time (1)									
Number of Students Receiving a Degree in 4 years									
On-Time Graduation Rate									

**NOTE:** Per ICHE, includes students who began at one Purdue campus and earned a bachelor's within 4 years from another Purdue campus. Degree was counted at the original campus of enrollment.

**Notes:**

(1) Should be the cohort entering in the fall 2 or 4 years prior to graduation. Example, 2005-06 should be the cohort of 2004-05 for 2 year and 2002-2003 for 4 year.

- VU may include both Associate and Bachelor Degrees; therefore, VU must fill out lines 8-9 and lines 13-14

- Assumes undergraduate resident students only, no reciprocity

- Residency status is based on residency at time of cohort entry

- Applies to Associate and Bachelor degrees only

- Degree seeking students, no exclusions, fall enrollment for cohorts only

**2 Year Institutions**

**STEP 1)** Identify students who enrolled as resident, first-time, full-time, Associate's degree seeking students in the fall one year prior to the reporting year (e.g., for reporting year 2005-2006, identify students who enrolled as first-time, full-time, Associate's degree seeking students in the fall of the 2004-2005 academic year). Enter the number determined in STEP 1 in line 8.

**STEP 2)** For the students identified in STEP 1, determine the number of students who earned an Associate's degree by the end of the academic year (August) for which data are being reported. In order to be included in STEP 2, the student must have earned the Associate's degree from the same institution at which the student was counted in STEP 1.

Enter the number determined in STEP 2 in line 9.

**4 Year Institutions**

**STEP 1)** Identify students who enrolled as resident, first-time, full-time, Bachelor's degree seeking students in the fall three years prior to the reporting year (e.g., for reporting year 2005-2006, identify students who enrolled as first-time, full-time, Bachelor's degree seeking students in fall of the 2002-2003 academic year). Enter the number determined in STEP 1 in line 13.

**STEP 2)** For the students identified in STEP 1, determine the number of students who earned a Bachelor's degree by the end of the academic year (August) for which data are being reported. In order to be included in STEP 2, the student must have earned the Bachelor's degree from the same institution at which the student was counted in STEP 1.

Enter the number determined in STEP 2 in line 14.

**PERFORMANCE METRIC SCHEDULE VII (PMS VII)**  
**INSTITUTION DEFINED PRODUCTIVITY METRIC - Degree Efficiency**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**For Indiana University - Purdue University Fort Wayne**

	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2006-08 3 Year Avg	2009-11 3 Year Avg	Change in 3 Year Avg
Undergraduate Bachelors Full-time Equivalent	6,015	6,130	6,308	6,733	7,342	7,664	6,151	7,246	1,095
Annual Indiana resident Baccalaureate Graduates	967	949	934	964	1,082	1,064	950	1,037	87
Degree Attainment Efficiency Rate	64.3%	61.9%	59.2%	57.3%	58.9%	55.5%	61.8%	57.3%	-4.6%

Notes:  
- This schedule will be updated, currently it is in draft form  
- The Commission will format PMS VII based on the agreed upon performance metric

**Degree Attainment Efficiency rate** = Indiana resident bachelors degrees awarded times 4; divided by Bachelors-seeking Indiana resident FTE

Formulas and Definitions

**Degree Attainment Efficiency Rate** = (Total Degrees \* 4) / FTE Enrollment

**Degrees** = Annual Indiana resident Bachelor's Degrees (IPEDS Completion year)

**Full-time Equivalent formula (FTE)** = Total annual Indiana resident Bachelor's-seeking student credit hours divided by 30

**Annual** = summer + fall + spring

The **Degree Attainment Rate** provides important degree production information. It is a ratio comparing the number of Indiana resident *graduates* in any given year to the number of Indiana resident students *enrolled* in the university (as expressed by FTE) for that year.

The long-term student incurs an appreciably increasing cost of attendance. Moving students toward graduation more quickly reduces the long-term and overall cost of attendance for each student.

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**SUMMARY BUDGET REQUEST SCHEDULE I (SBRS I)  
GENERAL AND DEDICATED FUNDS STATE SUPPORT REQUEST SUMMARY  
INDIANA PUBLIC POSTSECONDARY EDUCATION  
SUMMARY OF OPERATING, DEBT SERVICE, LINE ITEMS AND REPAIR AND REHABILITATION FUNDING FOR 2013-15  
For Purdue University - North Central**

	Actual 2010-11	Actual 2011-12	Approp 2012-13 (a)	Estimated 2012-13 (b)	2014 Budget Adjustment (c)	2014 Base Budget (d)	Request 2013-14	2015 Budget Adjustment (e)	2015 Base Budget (f)	Request 2014-15	% Change 2013 v 2014	% Change 2014 v 2015
<b>A. Operating Budget Request</b>												
Operating Budget Base (1)	\$ 12,299,238	\$ 13,073,588	\$ 13,073,588	\$ 13,073,588	\$ (784,415)	\$ 12,289,173	\$ 12,289,173	\$ (915,151)	\$ 12,158,437	\$ 12,158,437		
<b>Performance Formula Funding (2)</b>												
- Overall Degree Completion							\$ 201,371			\$ 234,933		
- At-Risk Student Degree Completion							\$ 113,734			\$ 132,690		
- High Impact Degree Completion							\$ -			\$ -		
- Student Persistence Incentive							\$ 44,115			\$ 51,468		
- Remediation Success Incentive							\$ -			\$ -		
- On-time Graduation Rate Metric							\$ 259,774			\$ 303,069		
- Institution Defined Productivity Metric							\$ 49,026			\$ 57,197		
<b>TOTAL OPERATING BUDGET REQUEST</b>	<b>\$ 12,299,238</b>	<b>\$ 13,073,588</b>	<b>\$ 13,073,588</b>	<b>\$ 13,073,588</b>	<b>\$ (784,415)</b>	<b>\$ 12,289,173</b>	<b>\$ 12,957,193</b>	<b>\$ (915,151)</b>	<b>\$ 12,158,437</b>	<b>\$ 12,937,794</b>	<b>-0.9%</b>	<b>-0.1%</b>
<b>B. Debt Service (3)</b>												
	\$ -	\$ -	\$ -	\$ -			\$ 2,109,960			\$ 2,109,960	100.0%	0.0%
<b>C. Line Items (4)</b>												
- General Fund												
- Dedicated Funds												
- Other Funds												
<b>D. Repair and Rehabilitation (General Fund) (5)</b>												
- Building	\$ -	\$ -	\$ -	\$ -			\$ 434,309			\$ 434,309		
- Infrastructure	\$ -	\$ -	\$ -	\$ -			\$ 40,866			\$ 40,866		
<b>TOTAL BUDGET REQUEST (ALL FUNDS)</b>	<b>\$ 12,299,238</b>	<b>\$ 13,073,588</b>	<b>\$ 13,073,588</b>	<b>\$ 13,073,588</b>	<b>\$ (784,415)</b>	<b>\$ 12,289,173</b>	<b>\$ 15,542,328</b>	<b>\$ (915,151)</b>	<b>\$ 12,158,437</b>	<b>\$ 15,522,929</b>	<b>18.9%</b>	<b>-0.1%</b>
<b>TOTAL BUDGET REQUEST (STATE GENERAL FUND ONLY)</b>	<b>\$ 12,299,238</b>	<b>\$ 13,073,588</b>	<b>\$ 13,073,588</b>	<b>\$ 13,073,588</b>	<b>\$ (784,415)</b>	<b>\$ 12,289,173</b>	<b>\$ 15,542,328</b>	<b>\$ (915,151)</b>	<b>\$ 12,158,437</b>	<b>\$ 15,522,929</b>	<b>18.9%</b>	<b>-0.1%</b>

- Notes:
- (1) For FY 2011 through 2013 include actual operating distribution to institution/campus
  - (2) For Budget Request FY 2014 and 2015 include amounts from schedules PMS I through VII
  - (3) include amount of state funded debt service from schedule CRS I
  - (4) includes amounts from BRS XI schedules. Separate by funding source
  - (5) include figures from CRS V split by building and infrastructure amounts
  - (a) Figures should reflect appropriation amount for FY13
  - (b) Figures should reflect estimated expenditures for FY13
  - (c) Multiply FY 13 Operating Appropriation by 6% (do not calculate for Debt Service, Line Items or R&R)
  - (d) Subtract 2014 Base Adjustment Amount from FY 13 Operating Appropriation (Operating Only)
  - (e) Multiply FY 13 Operating Appropriation by 7% (do not calculate for Debt Service, Line Items or R&R)
  - (f) Subtract 2015 Base Adjustment Amount FY 13 Operating Appropriation (Operating Only)

**BUDGET REPORT SCHEDULE VIII (BRS VIII)**  
**STUDENT ENROLLMENT DATA**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**SUMMARY OF STUDENT ENROLLMENT BY DEGREE TYPE AND RESIDENCY (FTE AND HEADCOUNT)**  
**For Purdue University - North Central**

	ACTUAL 2006-07	ACTUAL 2007-08	ACTUAL 2008-09	ACTUAL 2009-10	ACTUAL 2010-11	PROJ 2011-12	BUDGET 2012-13	PROP 2013-14	PROP 2014-15	2007-13 CAGR	% Change 2013 v 2014	% Change 2014 v 2015
<b>A. ANNUAL STUDENT HEADCOUNT</b>												
1. Undergraduate	4,552	4,672	4,997	5,594	5,900	6,937	6,937	6,937	6,937	7.3%	0.0%	0.0%
a. Indiana Resident	4,488	4,606	4,901	5,493	5,795	6,819	6,819	6,819	6,819	7.2%	0.0%	0.0%
b. Non-Resident	64	66	96	105	105	118	118	118	118	10.7%	0.0%	0.0%
d. Reciprocity Non-Resident	0	0	0	38	0	0	0	0	0			
2. Graduate	110	125	120	118	112	104	104	104	104	-0.9%	0.0%	0.0%
a. Indiana Resident	106	121	117	114	104	99	99	99	99	-1.1%	0.0%	0.0%
b. Non-Resident	4	4	3	4	8	5	5	5	5	3.8%	0.0%	0.0%
d. Reciprocity Non-Resident	0	0	0	0	0	0	0	0	0			
3. Professional	0	0	0	0	0	0	0	0	0			
a. Indiana Resident	0	0	0	0	0	0	0	0	0			
b. Non-Resident	0	0	0	0	0	0	0	0	0			
d. Reciprocity Non-Resident	0	0	0	0	0	0	0	0	0			
<b>TOTAL STUDENT HEADCOUNT</b>	<b>4,662</b>	<b>4,797</b>	<b>5,117</b>	<b>5,712</b>	<b>6,012</b>	<b>7,041</b>	<b>7,041</b>	<b>7,041</b>	<b>7,041</b>	<b>7.1%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>B. ANNUAL FULL-TIME EQUIVALENT (FTE) STUDENTS</b>												
1. Undergraduate	2,639.4	2,741.3	2,926.3	3,226.5	3,435.1	3,485.0	3,485.0	3,485.0	3,485.0	4.7%	0.0%	0.0%
a. Indiana Resident	2,601.7	2,702.2	2,875.4	3,167.8	3,369.4	3,415.1	3,415.1	3,415.1	3,415.1	4.6%	0.0%	0.0%
b. Non-Resident	37.7	39.1	50.9	33.6	65.7	69.9	69.9	69.9	69.9	10.8%	0.0%	0.0%
d. Reciprocity Non-Resident	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0			
2. Graduate	48.6	47.3	57.2	42.1	58.4	45.5	45.5	45.5	45.5	-1.1%	0.0%	0.0%
a. Indiana Resident	46.5	45.8	55.2	40.8	53.6	41.8	41.8	41.8	41.8	-1.8%	0.0%	0.0%
b. Non-Resident	2.1	1.5	2.0	1.4	4.8	3.7	3.7	3.7	3.7	10.1%	0.0%	0.0%
d. Reciprocity Non-Resident	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
3. Professional	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
a. Indiana Resident	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
b. Non-Resident	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
d. Reciprocity Non-Resident	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
<b>TOTAL STUDENT FTE</b>	<b>2,688.0</b>	<b>2,788.6</b>	<b>2,983.5</b>	<b>3,268.6</b>	<b>3,493.5</b>	<b>3,530.5</b>	<b>3,530.5</b>	<b>3,530.5</b>	<b>3,530.5</b>	<b>4.6%</b>	<b>0.0%</b>	<b>0.0%</b>
<b>C. BREAKOUT OF HIGH SCHOOL ENROLLMENT</b>												
1. High School Headcount	79	200	390	826	1,368	2,726	2,726	2,726	2,726	80.4%	0.0%	0.0%
2. High School FTE	22.3	48.5	84.3	179.0	387.3	705.4	705.4	705.4	705.4	77.8%	0.0%	0.0%

## Notes:

- Data to be provided by CHE through SIS as of 2011.
- Enrollment represents annual, unduplicated enrollment. In total student headcount and total student FTE, each student is represented only once, even if the student was reported multiple times by a campus or campus/center
- Statewide Technology students are excluded from counts for Purdue West Lafayette
- Counts include both degree-seeking and non degree-seeking students
- Resident = students reported with residency status = 1 (assumed resident for tuition/fee purposes); Non-resident = students reported with residency status = 2 (assumed non-resident for tuition/fee purposes); 3 (MHEC - students enrolled through the Midwest Student Exchange Program); 5 (non-resident paying resident fees for reason other than reciprocity); and 0 (unknown/undeclared). Reciprocity = students reported with residency status = 4 (assumed resident via reciprocity)
- Section C is subset of Section A.1 and B.1
- FTE is calculated by taking sum of total census credit hours divided by 30 for undergraduates and 24 for graduates. For FTE calculations, high school students are considered undergraduates
- High school = students reported with class level of 01 (high school) or entry type = 4 (dual credit)
- **Undergraduate** = students reported with class level of 01 (high school), 02 (certificate 1 year), 03 (certificate 2 year), 04-05 (Associate); 06-09 (Baccalaureate); 16 (unclassified undergraduate); 18 (unclassified certificate); 19 (unclassified associate)
- **Graduate** = students reported with class level of 10 (post-baccalaureate certificate); 11 (Master); 12 (post-master's certificate); 13 (other graduate); 15 (doctoral); 17 (unclassified graduate); and 25 (doctor's degree-research/scholarship)
- **Professional** = students reported with class level of 14 (first professional) or 24 (doctor's degree-professional practice)



**BUDGET REPORT SCHEDULE X - A (BRS X - A)**  
**DEBT SERVICE ON ALL CAPITAL PROJECTS**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**DEBT SERVICE FOR ALL CAPITAL PROJECTS - 2007-2015**  
 For Purdue University - North Central

	ACTUAL 2006-07	ACTUAL 2007-08	ACTUAL 2008-09	ACTUAL 2009-10	ACTUAL 2010-11	ACTUAL 2011-12	BUDGET 2012-13	PROP 2013-14	PROP 2014-15
<b>B. Projects without Fee Replacement (3)</b>									
1. Existing Debt Service (Please list Series) N/A									
<b>1. Total Existing Debt Service for Other Projects</b>									
2. New Debt Service Awaiting Issuance for Approved Projects (1)									
<b>2. Total Debt Service for Approved Other Funded Projects</b>									
3. New Debt Service for Unapproved Other Funded Projects (4) Student Services and Activities Complex								\$ 538,168	\$ 538,168
<b>3. Total New Debt Service for Unapproved Other Funded Projects</b>								\$ 538,168	\$ 538,168
4. New Debt Service for Other Funded Requested Projects N/A									
<b>4. Total New Debt Service for Requested Other Funded Projects</b>									
<b>TOTAL DEBT SERVICE FOR Other Funded PROJECTS</b>								\$ 538,168	\$ 538,168
<b>TOTAL DEBT SERVICE FOR ALL CAPITAL PROJECTS</b>								\$ 2,648,128	\$ 2,648,128

Notes:

(1) For those projects previously reviewed by CHE, SBC and SBA that do not have funding in 2011-13, and debt service is not included in existing debt service figures (A-1)

(2) Figures must match 2013-15 Capital Project Request Schedule for requested capital projects

(3) Figure should include all other debt service not related to fee replacement (auxiliary, revenue, short term notes, etc)

(4) Include only projects pending approval by CHE, SBC or SBA that are not funded in 2011-13 and have been previously authorized by the General Assembly

- For projects awaiting issuance, those not approved but authorized, and new capital projects, use a 20 year term at a 5.75% interest rate

- For projects awaiting issuance and those not approved but authorized, debt service should be included for 2014 and 2015

- For new capital project requests, debt service should start in FY 2015

- Figures should include both principal and interest

**BUDGET REPORT SCHEDULE X - B (BRS X - B)  
DEBT SERVICE ON ALL CAPITAL PROJECTS  
INDIANA PUBLIC POSTSECONDARY EDUCATION  
SUMMARY OF DEBT SERVICE FOR ALL CAPITAL PROJECTS THROUGH RETIREMENT OF DEBT  
For Purdue University - North Central**

	Fee Replacement Debt Service		Other Debt Service		Total Debt Service
	Existing	New	Existing	New	
2011	\$ -	-	\$ -	-	\$ -
2012	-	-	-	-	-
2013	-	-	-	-	-
2014	-	\$ 2,109,960	-	\$ 538,168	2,648,128
2015	-	2,109,960	-	538,168	2,648,128
2016	-	2,109,960	-	538,168	2,648,128
2017	-	2,109,960	-	538,168	2,648,128
2018	-	2,109,960	-	538,168	2,648,128
2019	-	2,109,960	-	538,168	2,648,128
2020	-	2,109,960	-	538,168	2,648,128
2021	-	2,109,960	-	538,168	2,648,128
2022	-	2,109,960	-	538,168	2,648,128
2023	-	2,109,960	-	538,168	2,648,128
2024	-	2,109,960	-	538,168	2,648,128
2025	-	2,109,960	-	538,168	2,648,128
2026	-	2,109,960	-	538,168	2,648,128
2027	-	2,109,960	-	538,168	2,648,128
2028	-	2,109,960	-	538,168	2,648,128
2029	-	2,109,960	-	538,168	2,648,128
2030	-	2,109,960	-	538,168	2,648,128
2031	-	2,109,960	-	538,168	2,648,128
2032	-	2,109,960	-	538,168	2,648,128
2033	-	2,109,960	-	538,168	2,648,128
2034	-	-	-	-	-
2035	-	-	-	-	-

Notes:

- For projects previously authorized by the General Assembly, where funding is being requested for the first time, debt service should begin in FY 2014
- For new capital project requests, debt service should start in FY 2015
- If debt service extends beyond 2033, please add lines
- Institutions may include each series as an addendum to this schedule (recommended)
- Figures should include both principal and interest
- Figures should assume for new debt issuance a 5.75% interest rate for a term of 20 years

**BUDGET REPORT SCHEDULE X - C (BRS X - C)**  
**OUTSTANDING DEBT ON ALL CAPITAL PROJECTS**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**SUMMARY OF OUTSTANDING DEBT FOR ALL CAPITAL PROJECTS THROUGH RETIREMENT OF DEBT**  
 For Purdue University - North Central

	Fee Replacement Outstanding Debt		Other Outstanding Debt		Total Outstanding Debt
	Existing	New	Existing	New	
2011	\$ -	-	-	-	\$ -
2012	-	-	-	-	-
2013	-	-	-	-	-
2014	-	\$ 24,010,290	-	6,124,082	30,134,372
2015	-	23,280,921	-	5,938,049	29,218,969
2016	-	22,509,613	-	5,741,318	28,250,932
2017	-	21,693,956	-	5,533,276	27,227,232
2018	-	20,831,398	-	5,313,271	26,144,669
2019	-	19,919,243	-	5,080,617	24,999,859
2020	-	18,954,639	-	4,834,584	23,789,223
2021	-	17,934,570	-	4,574,404	22,508,974
2022	-	16,855,847	-	4,299,265	21,155,112
2023	-	15,715,098	-	4,008,304	19,723,403
2024	-	14,508,756	-	3,700,614	18,209,370
2025	-	13,233,049	-	3,375,231	16,608,280
2026	-	11,883,989	-	3,031,139	14,915,128
2027	-	10,457,358	-	2,667,261	13,124,619
2028	-	8,948,695	-	2,282,461	11,231,156
2029	-	7,353,285	-	1,875,534	9,228,819
2030	-	5,666,138	-	1,445,209	7,111,348
2031	-	3,881,981	-	990,141	4,872,122
2032	-	1,995,234	-	508,906	2,504,140
2033	-	-	-	-	-
2034	-	-	-	-	-
2035	-	-	-	-	-

Notes:

- For projects previously authorized by the General Assembly, where funding is being requested for the first time, debt service should begin in FY 2014
- For new capital project requests, debt service should start in FY 2015
- If debt service extends beyond 2033, please add lines
- Institutions may include each series as an addendum to this schedule (recommended)
- Figures should include both principle and interest
- Figures should assume for new debt issuance a 5.75% interest rate for a term of 20 years

**PERFORMANCE METRIC SCHEDULE I (PMS I)  
 OVERALL DEGREE COMPLETION PFF METRIC  
 INDIANA PUBLIC POSTSECONDARY EDUCATION  
 OVERALL DEGREE COMPLETION PFF METRIC FOR AY 2006-2011  
 For Purdue University - North Central**

	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2006-08 3 Year Avg	2009-11 3 Year Avg	Change in 3 Year Avg
1 Year Certificates									
Associate Degrees	302	320	315	305	312	370	312	329	17
Bachelor Degrees	0	9	20	25	30	29	10	28	18
Masters Degrees	0	0	0	0	0	0	-	-	-
Doctoral Degrees	0	0	0	0	0	0	-	-	-
<b>TOTAL OVERALL DEGREES CONFERRED</b>	<b>302</b>	<b>329</b>	<b>335</b>	<b>330</b>	<b>342</b>	<b>399</b>	<b>322</b>	<b>357</b>	<b>35</b>

- Notes:
- CHE will provide data for this metric. Institutions should verify the data before submission to CHE
  - VU may include 1 Year Certificates, Associate and Bachelor Degrees
  - For all other four year institutions, only Bachelor, Master's, and Doctoral degrees conferred are counted
  - Assumes resident students only, no reciprocity. Residency status is based on residency at the time of degree conferment
  - Includes all degrees conferred as reported on SIS file for a given reporting year (B, M, D for 4-year institutions other than VU; Cert, Associate, and Bachelor for VU; and Cert and Associate for ITTCI)
  - Statewide Technology degrees conferred are excluded from Purdue West Lafayette counts

**PERFORMANCE METRIC SCHEDULE II (PMS II)  
 AT-RISK STUDENT DEGREE COMPLETION PFF METRIC  
 INDIANA PUBLIC POSTSECONDARY EDUCATION  
 AT-RISK STUDENT DEGREE COMPLETION PFF METRIC FOR AY 2006-2011  
 For Purdue University - North Central**

	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2006-08 3 Year Avg	2009-11 3 Year Avg	Change in 3 Year Avg
1 Year Certificates									
Associate Degrees									
Bachelor Degrees	88	79	105	84	97	153	91	111	21
<b>TOTAL OVERALL DEGREES CONFERRED</b>	<b>88</b>	<b>79</b>	<b>105</b>	<b>84</b>	<b>97</b>	<b>153</b>	<b>91</b>	<b>111</b>	<b>21</b>

- Notes:
- CHE will provide data for this metric. Institutions should verify the data before submission to CHE
  - VU may include 1 Year Certificates, Associate and Bachelor Degrees
  - For all other four year institutions, only Bachelor degrees conferred are counted
  - Assumes resident students only, no reciprocity. Residency status is based on residency at the time of degree conferment
  - "At-risk" is defined as Pell recipient at time of degree conferral
  - Includes all degrees conferred to Pell recipients as reported on SIS for a given reporting year (Bachelor for 4-year institutions other than VU; Cert, Associate, and Bachelor for VU; and Cert and Associate for ITTCI)
  - Statewide Technology degrees conferred are excluded from Purdue West Lafayette counts

**PERFORMANCE METRIC SCHEDULE IV (PMS IV)  
STUDENT PERSISTENCE INCENTIVE METRIC  
INDIANA PUBLIC POSTSECONDARY EDUCATION  
STUDENT PERSISTENCE INCENTIVE PFF METRIC FOR FY 2006-2011  
For Purdue University - North Central**

	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2006-08 3 Year Avg	2009-11 3 Year Avg	Change in 3 Year Avg
<b>2 Year Campuses</b>									
Successfully Completed 15 Credit Hours									
Successfully Completed 30 Credit Hours									
Successfully Completed 45 Credit Hours									
<b>4 year Institutions</b>									
Successfully Completed 30 Credit Hours	540	591	598	606	643	653	576	634	58
Successfully Completed 60 Credit Hours	530	515	520	447	554	526	522	509	(13)
<b>OVERALL STUDENTS PERSISTING</b>	<b>1,070</b>	<b>1,106</b>	<b>1,118</b>	<b>1,053</b>	<b>1,197</b>	<b>1,179</b>	<b>1,098</b>	<b>1,143</b>	<b>45</b>

**Notes:**

- Assumes undergraduate, degree-seeking, resident students only, no reciprocity
- Resident status is based on FY being reported (e.g., for reporting FY06, the student must have been an Indiana resident during 05-06)
- Credit hour counts may include credits transferred in. However, a student must hit the credit hour threshold while enrolled at the institution (e.g., a student cannot transfer in 15 credits and be counted in the "successfully completed 15 credit hours" category. A student COULD transfer in 12 credit hours and earn three at the reporting institution and be counted in the "successfully completed 15 credit hours" category.
- Does not apply to IUB, PUWL, BSU or IUPUI General Academic
- Use headcount of students meeting the persistence marks for each year
- Based on fiscal year (summer A, fall, spring, summer B)

Instructions for calculating headcount

**2 Year Institutions**

- STEP 1) Identify headcount of all resident, degree-seeking undergraduate students who reached 15 earned credit hours during the FY being reported. The 15th credit hour must have been earned at the reporting institution.
- STEP 2) Identify headcount of all resident, degree-seeking undergraduate students who reached 30 earned credit hours during the FY being reported. The 30th credit hour must have been earned at the reporting institution.
- STEP 3) Identify headcount of all resident, degree-seeking undergraduate students who reached 45 earned credit hours during the FY being reported. The 45th credit hour must have been earned at the reporting institution.

**4 Year Institutions**

- STEP 1) Identify headcount of all resident, degree-seeking undergraduate students who reached 30 earned credit hours during the FY being reported. The 30th credit hour must have been earned at the reporting institution.
- STEP 2) Identify headcount of all resident, degree-seeking undergraduate students who reached 60 earned credit hours during the FY being reported. The 60th credit hour must have been earned at the reporting institution.

**PERFORMANCE METRIC SCHEDULE VI (PMS VI)**  
**ON-TIME GRADUATION RATE METRIC**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**ON-TIME GRADUATION PFF METRIC FOR AY 2006-2011**  
 For Purdue University - North Central

	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2006-08 3 Year Avg	2009-11 3 Year Avg	Change in 3 Year Avg
<b>2 Year Institutions (Associates Only)</b>									
Number of Students Entering First Time, Full Time (1)	361	316	343	385	386	444	340	405	65
Number of Students Receiving a Degree in 2 years	16	25	23	30	32	36	21	33	11
On-Time Graduation Rate	4.4%	7.9%	6.7%	7.8%	8.3%	8.1%	6.3%	8.1%	1.8%
<b>4 year Institutions (Bachelor Only)</b>									
Number of Students Entering First Time, Full Time (1)									
Number of Students Receiving a Degree in 4 years									
On-Time Graduation Rate									

**Notes:**

**NOTE:** Per ICHE, includes students who began at one Purdue campus and earned a bachelor's within 4 years from another Purdue campus. Degree was counted at the original campus of enrollment.  
 (1) Should be the cohort entering in the fall 2 or 4 years prior to graduation. Example, 2005-06 should be the cohort of 2004-05 for 2 year and 2002-2003 for 4 year.

- VU may include both Associate and Bachelor Degrees; therefore, VU must fill out lines 8-9 and lines 13-14

- Assumes undergraduate resident students only; no reciprocity

- Residency status is based on residency at time of cohort entry

- Applies to Associate and Bachelor degrees only

- Degree seeking students, no exclusions, fall enrollment for cohorts only

**2 Year Institutions**

**STEP 1)** Identify students who enrolled as resident, first-time, full-time, Associate's degree seeking students in the fall one year prior to the reporting year (e.g., for reporting year 2005-2006, identify students who enrolled as first-time, full-time, Associate's degree seeking students in the fall of the 2004-2005 academic year). Enter the number determined in STEP 1 in line 8.  
**STEP 2)** For the students identified in STEP 1, determine the number of students who earned an Associate's degree by the end of the academic year (August) for which data are being reported. In order to be included in STEP 2, the student must have earned the Associate's degree from the same institution at which the student was counted in STEP 1.  
 Enter the number determined in STEP 2 in line 9.

**4 Year Institutions**

**STEP 1)** Identify students who enrolled as resident, first-time, full-time, Bachelor's degree seeking students in the fall three years prior to the reporting year (e.g., for reporting year 2005-2006, identify students who enrolled as first-time, full-time, Bachelor's degree seeking students in fall of the 2002-2003 academic year). Enter the number determined in STEP 1 in line 13.  
**STEP 2)** For the students identified in STEP 1, determine the number of students who earned a Bachelor's degree by the end of the academic year (August) for which data are being reported. In order to be included in STEP 2, the student must have earned the Bachelor's degree from the same institution at which the student was counted in STEP 1.  
 Enter the number determined in STEP 2 in line 14.

**PERFORMANCE METRIC SCHEDULE VII (PMS VII)**  
**INSTITUTION DEFINED PRODUCTIVITY METRIC - Degree Efficiency**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
 For Purdue University - North Central

	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2006-08 3 Year Avg	2009-11 3 Year Avg	Change in 3 Year Avg
Undergraduate Bachelors Full-time Equivalent	1,645	1,713	1,656	1,396	1,525	1,795	1,671	1,572	(99)
Annual Indiana resident Baccalaureate Graduates	304	320	310	305	317	380	311	334	23
Degree Attainment Efficiency Rate	73.9%	74.7%	74.9%	87.4%	83.1%	84.7%	74.5%	85.1%	10.6%

Notes:  
 - This schedule will be updated, currently it is in draft form  
 - The Commission will format PMS VII based on the agreed upon performance metric

**Degree Attainment Efficiency rate** = Indiana resident bachelors degrees awarded times 4; divided by Bachelors-seeking Indiana resident FTE

Formulas and Definitions

**Degree Attainment Efficiency Rate** = (Total Degrees \* 4) / FTE Enrollment

**Degrees** = Annual Indiana resident Bachelor's Degrees (IPEDS Completion year)

**Full-time Equivalent formula (FTE)** = Total annual Indiana resident Bachelor's-seeking student credit hours divided by 30

**Annual** = summer + fall + spring

The **Degree Attainment Rate** provides important degree production information. It is a ratio comparing the number of Indiana resident *graduates* in any given year to the number of Indiana resident students *enrolled* in the university (as expressed by FTE) for that year.

The long-term student incurs an appreciably increasing cost of attendance. Moving students toward graduation more quickly reduces the long-term and overall cost of attendance for each student.

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**BUDGET REPORT SCHEDULE XI (BRS XI -A)**  
**LINE ITEM APPROPRIATION REQUEST (ALL FUNDS)**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**SUMMARY OF LINE ITEM APPROPRIATION REQUEST - Statewide Technology**

	ACTUAL (2) 2006-07	ACTUAL (2) 2007-08	ACTUAL (2) 2008-09	ACTUAL (2) 2009-10	ACTUAL (2) 2010-11	PROJ (2) 2011-12	BUDGET 2012-13	PROP 2013-14	PROP 2014-15	2007-13 CAGR	% Change 2013 v 2014	% Change 2014 v 2015
<b>SUMMARY OF BUDGET REQUEST</b>												
Salary and Wages	\$ 7,481,955	\$ 8,011,192	\$ 9,447,920	\$ 9,245,397	\$ 7,215,048	\$ 7,323,299	\$ 6,424,585	\$ 6,807,200	\$ 6,977,380		6.0%	2.5%
Fringe Benefits					\$ 1,690,789	\$ 1,860,768	\$ 2,505,588	\$ 2,656,228	\$ 2,722,633		6.0%	2.5%
Other Personnel Services												
<b>Total Personnel Services</b>	\$ 7,481,955	\$ 8,011,192	\$ 9,447,920	\$ 9,245,397	\$ 8,905,837	\$ 9,184,067	\$ 8,930,173	\$ 9,463,427	\$ 9,700,013	3.0%	6.0%	2.5%
Services Other than Personnel												
Services by Contract	\$ 1,748,171	\$ 1,600,000	\$ 1,648,000	\$ 1,648,000	\$ 8,385	\$ 6,955	\$ 6,955	\$ 6,955	\$ 6,955	-60.2%	0.0%	0.0%
Materials and Supplies	\$ 703,097	\$ 875,000	\$ 518,407	\$ 695,999	\$ 712,272	\$ 852,142	\$ 1,279,737	\$ 1,774,737	\$ 1,399,737	10.5%	38.7%	-21.1%
Equipment	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 21,068	\$ 3,577	\$ 3,577	\$ 3,577	\$ 3,577	-42.6%	0.0%	0.0%
Land and Structures - Rental					\$ 273,629	\$ 307,720	\$ 307,720	\$ 307,720	\$ 307,720		0.0%	0.0%
Grants, Subsidies, Refunds, Awards, Scholarships, Etc.					\$ 203,940	\$ 203,940	\$ 218,940	\$ 224,414	\$ 224,414		2.5%	0.0%
In-State Travel					\$ 77,483	\$ 110,182	\$ 110,182	\$ 110,182	\$ 110,182		0.0%	0.0%
Out-of-State Travel					\$ 16,010	\$ 4,951	\$ 4,951	\$ 4,951	\$ 4,951		0.0%	0.0%
Internal Transfers					\$ 210,002	\$ 210,002						
<b>Total Other Operating</b>	\$ 2,551,268	\$ 2,575,000	\$ 2,266,407	\$ 2,549,000	\$ 1,522,789	\$ 1,489,467	\$ 1,932,062	\$ 2,432,536	\$ 2,057,536	-4.5%	25.9%	-15.4%
<b>TOTAL OPERATING BUDGET FOR LINE ITEM</b>	\$ 10,033,223	\$ 10,586,192	\$ 11,714,327	\$ 11,794,397	\$ 10,428,625	\$ 10,673,534	\$ 10,862,235	\$ 11,895,963	\$ 11,757,549	1.3%	9.5%	-1.2%
<b>LINE ITEM FUNDING</b>												
General Fund (1)	\$ 5,468,960	\$ 5,733,029	\$ 6,634,999	\$ 6,433,939	\$ 6,433,939	\$ 6,468,848	\$ 6,468,848	\$ 7,392,741	\$ 7,141,747	2.8%	14.3%	-3.4%
Dedicated Funds	\$ 4,564,263	\$ 4,853,163	\$ 5,079,328	\$ 5,360,458	\$ 3,994,686	\$ 4,204,686	\$ 4,393,387	\$ 4,503,222	\$ 4,615,802	-0.6%	2.5%	2.5%
Federal Funds												
<b>TOTAL FUNDING FOR LINE ITEM</b>	\$ 10,033,223	\$ 10,586,192	\$ 11,714,327	\$ 11,794,397	\$ 10,428,625	\$ 10,673,534	\$ 10,862,235	\$ 11,895,963	\$ 11,757,549	1.3%	9.5%	-1.2%

Notes:  
(1) If funded from state appropriations, include in BRS - 1 under State Appropriation - Line Item  
(2) Reflects actual and committed expenditures.  
- Institution may include in budget submission a one-page overview of line item noted in this schedule  
- If an institution has more than 1 line item, copy this sheet and add as a new schedule

**BUDGET REPORT SCHEDULE XI (BRS XI-B)  
LINE ITEM APPROPRIATION REQUEST (ALL FUNDS)  
INDIANA PUBLIC POSTSECONDARY EDUCATION  
SUMMARY OF LINE ITEM APPROPRIATION REQUEST - Agricultural Research and Extension**

	ACTUAL (2) 2006-07	ACTUAL (2) 2007-08	ACTUAL (2) 2008-09	ACTUAL (2) 2009-10	ACTUAL (2) 2010-11	PROJ (2) 2011-12	BUDGET 2012-13	PROP 2013-14	PROP 2014-15	2007-13 CAGR	% Change 2013 v 2014	% Change 2014 v 2015
<b>SUMMARY OF BUDGET REQUEST</b>												
Salary and Wages	\$ 6,112,643	\$ 5,856,765	\$ 5,908,434	\$ 6,265,056	\$ 6,225,506	\$ 6,251,543	\$ 6,459,442	\$ 7,500,000	\$ 7,500,000	0.9%	16.1%	0.0%
Fringe Benefits												
Other Personnel Services												
<b>Total Personnel Services</b>	\$ 6,112,643	\$ 5,856,765	\$ 5,908,434	\$ 6,265,056	\$ 6,225,506	\$ 6,251,543	\$ 6,459,442	\$ 7,500,000	\$ 7,500,000	0.9%	16.1%	0.0%
Services Other than Personnel												
Services by Contract												
Materials and Supplies	\$ 995,081	\$ 1,464,191	\$ 1,317,662	\$ 648,090	\$ 560,009	\$ 776,170	\$ 779,519	\$ 2,000,000	\$ 2,000,000	-4.0%	156.6%	0.0%
Equipment												
Land and Structures												
Grants, Subsidies, Refunds, Awards, Etc.												
In-State Travel			\$ 183,884	\$ 67,842	\$ 72,390	\$ 78,392						
Out-of-State Travel			\$ 55,198	\$ 139,835	\$ 144,779	\$ 132,856						
Internal Transfer			\$ 118,138	\$ 236,277								
<b>Total Other Operating</b>	\$ 995,081	\$ 1,464,191	\$ 1,556,744	\$ 973,905	\$ 1,013,455	\$ 987,418	\$ 779,519	\$ 2,738,961	\$ 2,738,961	-4.0%	251.4%	0.0%
<b>TOTAL OPERATING BUDGET FOR LINE ITEM</b>	\$ 7,107,724	\$ 7,320,956	\$ 7,465,178	\$ 7,238,961	\$ 7,238,961	\$ 7,238,961	\$ 7,238,961	\$ 10,238,961	\$ 10,238,961	0.3%	41.4%	0.0%
<b>LINE ITEM FUNDING</b>												
General Fund (1)	\$ 7,107,724	\$ 7,320,956	\$ 7,465,178	\$ 7,238,961	\$ 7,238,961	\$ 7,238,961	\$ 7,238,961	\$ 10,238,961	\$ 10,238,961	0.3%	41.4%	0.0%
Dedicated Funds												
Federal Funds												
<b>TOTAL FUNDING FOR LINE ITEM</b>	\$ 7,107,724	\$ 7,320,956	\$ 7,465,178	\$ 7,238,961	\$ 7,238,961	\$ 7,238,961	\$ 7,238,961	\$ 10,238,961	\$ 10,238,961	0.3%	41.4%	0.0%

Notes:  
 (1) If funded from state appropriations, include in BRS - 1 under State Appropriation - Line Item  
 (2) Reflects actual and committed expenditures.  
 Note: FY 07 and FY 08 Travel was not reported separately.  
 - Institution may include in budget submission a one-page overview of line item noted in this schedule  
 - If an institution has more than 1 line item, copy this sheet and add as a new schedule

BUDGET REPORT SCHEDULE XI (BRS XI - C)  
 LINE ITEM APPROPRIATION REQUEST (ALL FUNDS)  
 INDIANA PUBLIC POSTSECONDARY EDUCATION  
 SUMMARY OF LINE ITEM APPROPRIATION REQUEST - County Agricultural Extension Educators

	ACTUAL (2) 2006-07	ACTUAL (2) 2007-08	ACTUAL (2) 2008-09	ACTUAL (2) 2009-10	ACTUAL (2) 2010-11	PROJ (2) 2011-12	BUDGET 2012-13	PROP 2013-14	PROP 2014-15	2007-13 CAGR	% Change 2013 v 2014	% Change 2014 v 2015
<b>SUMMARY OF BUDGET REQUEST</b>												
Salary and Wages	\$ 7,103,447	\$ 7,316,550	\$ 7,460,686	\$ 7,116,537	\$ 6,998,470	\$ 7,234,605	\$ 7,234,605	\$ 7,415,470	\$ 7,600,857	0.3%	2.5%	2.5%
Fringe Benefits												
Other Personnel Services												
<b>Total Personnel Services</b>	\$ 7,103,447	\$ 7,316,550	\$ 7,460,686	\$ 7,116,537	\$ 6,998,470	\$ 7,234,605	\$ 7,234,605	\$ 7,415,470	\$ 7,600,857	0.3%	2.5%	2.5%
Services Other than Personnel												
Services by Contract												
Materials and Supplies												
Equipment												
Land and Structures												
Grants, Subsidies, Refunds, Awards, Etc.												
In-State Travel												
Out-of-State Travel												
Internal Transfers												
<b>Total Other Operating</b>	\$ -	\$ -	\$ -	\$ 118,068	\$ 236,135	\$ -	\$ -	\$ -	\$ -			
<b>TOTAL OPERATING BUDGET FOR LINE ITEM</b>	\$ 7,103,447	\$ 7,316,550	\$ 7,460,686	\$ 7,234,605	\$ 7,234,605	\$ 7,234,605	\$ 7,234,605	\$ 7,415,470	\$ 7,600,857	0.3%	2.5%	2.5%
<b>LINE ITEM FUNDING</b>												
General Fund (1)	\$ 7,103,447	\$ 7,316,550	\$ 7,460,686	\$ 7,234,605	\$ 7,234,605	\$ 7,234,605	\$ 7,234,605	\$ 7,415,470	\$ 7,600,857	0.3%	2.5%	2.5%
Dedicated Funds												
Federal Funds												
<b>TOTAL FUNDING FOR LINE ITEM</b>	\$ 7,103,447	\$ 7,316,550	\$ 7,460,686	\$ 7,234,605	\$ 7,234,605	\$ 7,234,605	\$ 7,234,605	\$ 7,415,470	\$ 7,600,857	0.3%	2.5%	2.5%

Notes:  
 (1) If funded from state appropriations, include in BRS - I under State Appropriation - Line Item  
 (2) Reflects actual and committed expenditures.  
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**BUDGET REPORT SCHEDULE XI (BRS XI -D)  
LINE ITEM APPROPRIATION REQUEST (ALL FUNDS)  
INDIANA PUBLIC POSTSECONDARY EDUCATION  
SUMMARY OF LINE ITEM APPROPRIATION REQUEST - Wine Grape Market Fund**

	ACTUAL (2) 2006-07	ACTUAL (2) 2007-08	ACTUAL (2) 2008-09	ACTUAL (2) 2009-10	ACTUAL (2) 2010-11	PROJ (2) 2011-12	BUDGET 2012-13	PROP 2013-14	PROP 2014-15	2007-13 CAGR	% Change 2013 v 2014	% Change 2014 v 2015
<b>SUMMARY OF BUDGET REQUEST</b>												
Salary and Wages	\$ 269,970	\$ 231,688	\$ 251,367	\$ 271,286	\$ 273,518	\$ 299,212	\$ 302,196	\$ 302,196	\$ 302,196	1.9%	0.0%	0.0%
Fringe Benefits	\$ 86,421	\$ 77,038	\$ 89,960	\$ 106,809	\$ 96,954	\$ 99,664	\$ 101,657	\$ 101,657	\$ 101,657	2.7%	0.0%	0.0%
Other Personnel Services												
<b>Total Personnel Services</b>	\$ 356,391	\$ 308,726	\$ 341,327	\$ 378,095	\$ 370,472	\$ 398,876	\$ 403,854	\$ 403,854	\$ 403,854	2.1%	0.0%	0.0%
Services Other than Personnel												
Services by Contract												
Materials and Supplies	\$ 123,761	\$ 110,968	\$ 101,030	\$ 80,879	\$ 76,131	\$ 63,373	\$ 119,997	\$ 119,997	\$ 119,997	-0.5%	0.0%	0.0%
Equipment												
Land and Structures												
Grants, Subsidies, Refunds, Awards, Etc.												
In-State Travel			\$ 15,217	\$ 11,150	\$ 8,652	\$ 9,721						
Out-of-State Travel			\$ 7,328	\$ 10,115	\$ 13,384	\$ 26,182						
Internal Transfer												
<b>Total Other Operating</b>	\$ 123,761	\$ 110,968	\$ 123,575	\$ 102,144	\$ 98,167	\$ 99,275	\$ 119,997	\$ 119,997	\$ 119,997	-0.5%	0.0%	0.0%
<b>TOTAL OPERATING BUDGET FOR LINE ITEM</b>	\$ 480,152	\$ 419,694	\$ 464,902	\$ 480,239	\$ 468,639	\$ 498,152	\$ 523,851	\$ 523,851	\$ 523,851	1.5%	0.0%	0.0%
<b>LINE ITEM FUNDING</b>												
General Fund (1)												
Dedicated Funds	\$ 480,152	\$ 419,694	\$ 464,902	\$ 480,239	\$ 468,639	\$ 498,152	\$ 523,851	\$ 523,851	\$ 523,851	1.5%	0.0%	0.0%
Federal Funds												
<b>TOTAL FUNDING FOR LINE ITEM</b>	\$ 480,152	\$ 419,694	\$ 464,902	\$ 480,239	\$ 468,639	\$ 498,152	\$ 523,851	\$ 523,851	\$ 523,851	1.5%	0.0%	0.0%

Notes:  
 (1) If funded from state appropriations, include in BRS - 1 under State Appropriation - Line Item  
 (2) Reflects actual and committed expenditures.  
 Note: FY 07 and FY 08 Travel was not reported separately.  
 - Institution may include in budget submission a one-page overview of line item noted in this schedule  
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BUDGET REPORT SCHEDULE XI (BRS XI-E)  
 LINE ITEM APPROPRIATION REQUEST (ALL FUNDS)  
 INDIANA PUBLIC POSTSECONDARY EDUCATION  
 SUMMARY OF LINE ITEM APPROPRIATION REQUEST - Veterinary Research

	ACTUAL (2) 2006-07	ACTUAL (2) 2007-08	ACTUAL (2) 2008-09	ACTUAL (2) 2009-10	ACTUAL (2) 2010-11	PROJ (2) 2011-12	BUDGET 2012-13	PROP 2013-14	PROP 2014-15	2007-13 CAGR	% Change 2013 v 2014	% Change 2014 v 2015
<b>SUMMARY OF BUDGET REQUEST</b>												
Salary and Wages	\$ 61,262	\$ 25,148	\$ 30,064	\$ 11,500	\$ 46,771	\$ 77,700	\$ 95,488	\$ 90,000	\$ 90,000	7.7%	-5.7%	0.0%
Fringe Benefits	\$ 21,544	\$ 6,365	\$ 8,767	\$ 3,530	\$ 14,313	\$ 31,200	\$ 35,000	\$ 33,000	\$ 33,000	8.4%	-5.7%	0.0%
Other Personnel Services	\$ 82,806	\$ 31,513	\$ 38,831	\$ 15,030	\$ 61,084	\$ 108,900	\$ 130,488	\$ 123,000	\$ 123,000	7.9%	-5.7%	0.0%
Services Other than Personnel	\$ 18,178	\$ 30,564	\$ 18,507	\$ 5,260								
Services by Contract												
Materials and Supplies	\$ 32,024	\$ 87,923	\$ 84,335	\$ 129,710	\$ 88,916	\$ 41,100	\$ 19,512	\$ 27,000	\$ 27,000	-7.9%	38.4%	0.0%
Equipment	\$ 16,992											
Land and Structures												
Grants, Subsidies, Refunds, Awards, Etc.												
In-State Travel												
Out-of-State Travel												
<b>Total Other Operating</b>	\$ 67,194	\$ 118,487	\$ 111,169	\$ 134,970	\$ 88,916	\$ 41,100	\$ 19,512	\$ 27,000	\$ 27,000	-18.6%	38.4%	0.0%
<b>TOTAL OPERATING BUDGET FOR LINE ITEM</b>	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	0.0%	0.0%	0.0%
<b>LINE ITEM FUNDING</b>												
General Fund (1)	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	0.0%	0.0%	0.0%
Dedicated Funds												
Federal Funds												
<b>TOTAL FUNDING FOR LINE ITEM</b>	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	0.0%	0.0%	0.0%

Notes:  
 (1) If funded from state appropriations, include in BRS - I under State Appropriation - Line Item  
 (2) Reflects actual and committed expenditures.  
 - Institution may include in budget submission a one-page overview of line item noted in this schedule  
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**BUDGET REPORT SCHEDULE XI (BRS XI-F)**  
**LINE ITEM APPROPRIATION REQUEST (ALL FUNDS)**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**SUMMARY OF LINE ITEM APPROPRIATION REQUEST - Technical Assistance Program**

	ACTUAL (2) 2006-07	ACTUAL (2) 2007-08	ACTUAL (2) 2008-09	ACTUAL (2) 2009-10	ACTUAL (2) 2010-11	PROJ (2) 2011-12	BUDGET 2012-13	PROP 2013-14	PROP 2014-15	2007-13 CAGR	% Change 2013 v 2014	% Change 2014 v 2015
<b>SUMMARY OF BUDGET REQUEST</b>												
Salary and Wages	\$ 927,409	\$ 960,431	\$ 1,728,452	\$ 1,450,652	\$ 1,481,713	\$ 1,646,901	\$ 1,646,901	\$ 3,227,074	\$ 3,269,276	10.0%	95.9%	1.3%
Fringe Benefits								\$ 461,000	\$ 461,000		100.0%	0.0%
Other Personnel Services												
<b>Total Personnel Services</b>	\$ 927,409	\$ 960,431	\$ 1,728,452	\$ 1,450,652	\$ 1,481,713	\$ 1,646,901	\$ 1,646,901	\$ 3,688,074	\$ 3,730,276	10.0%	123.9%	1.1%
Services Other than Personnel												
Services by Contract								\$ 250,000	\$ 250,000		100.0%	0.0%
Materials and Supplies	\$ 135,375	\$ 135,375	\$ 183,049	\$ 360,460	\$ 280,068	\$ 206,718	\$ 206,718	\$ 406,718	\$ 406,718	7.3%	96.8%	0.0%
Equipment	\$ 24,970	\$ 24,970										
Land and Structures												
Grants, Subsidies, Refunds, Awards, Etc.												
In-State Travel	\$ 12,961	\$ 12,961	\$ 36,570	\$ 47,098	\$ 65,600	\$ 13,605	\$ 13,605	\$ 63,605	\$ 63,605	0.8%	367.5%	0.0%
Out-of-State Travel						\$ 21,815	\$ 21,815	\$ 21,815	\$ 21,815		0.0%	0.0%
Internal Transfer to General Fund				\$ 30,829	\$ 61,658							
<b>Total Other Operating</b>	\$ 173,306	\$ 173,306	\$ 219,619	\$ 438,387	\$ 407,326	\$ 242,138	\$ 242,138	\$ 742,138	\$ 742,138	5.7%	206.5%	0.0%
<b>TOTAL OPERATING BUDGET FOR LINE ITEM</b>	\$ 1,100,715	\$ 1,133,737	\$ 1,948,071	\$ 1,889,039	\$ 1,889,039	\$ 1,889,039	\$ 1,889,039	\$ 4,430,212	\$ 4,472,414	9.4%	134.5%	1.0%
<b>LINE ITEM FUNDING</b>												
General Fund (1)	\$ 1,100,715	\$ 1,133,737	\$ 1,948,071	\$ 1,889,039	\$ 1,889,039	\$ 1,889,039	\$ 1,889,039	\$ 4,430,212	\$ 4,472,414	9.4%	134.5%	1.0%
Dedicated Funds												
Federal Funds												
<b>TOTAL FUNDING FOR LINE ITEM</b>	\$ 1,100,715	\$ 1,133,737	\$ 1,948,071	\$ 1,889,039	\$ 1,889,039	\$ 1,889,039	\$ 1,889,039	\$ 4,430,212	\$ 4,472,414	9.4%	134.5%	1.0%

Notes:  
(1) If funded from state appropriations, include in BRS - 1 under State Appropriation - Line Item  
(2) Reflects actual and committed expenditures.  
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- If an institution has more than 1 line item, copy this sheet and add as a new schedule

BUDGET REPORT SCHEDULE XI (BRS XI-G)  
 LINE ITEM APPROPRIATION REQUEST (ALL FUNDS)  
 INDIANA PUBLIC POSTSECONDARY EDUCATION  
 SUMMARY OF LINE ITEM APPROPRIATION REQUEST - Center for Paralysis Research

	ACTUAL (2) 2006-07	ACTUAL (2) 2007-08	ACTUAL (2) 2008-09	ACTUAL (2) 2009-10	ACTUAL (2) 2010-11	PROJ (2) 2011-12	BUDGET 2012-13	PROP 2013-14	PROP 2014-15	2007-13 CAGR	% Change 2013 v 2014	% Change 2014 v 2015
<b>SUMMARY OF BUDGET REQUEST</b>												
Salary and Wages	\$ 370,510	\$ 332,850	\$ 457,841	\$ 500,053	\$ 430,121	\$ 399,628	\$ 427,831	\$ 438,527	\$ 449,490	2.4%	2.5%	2.5%
Fringe Benefits												
Other Personnel Services												
<b>Total Personnel Services</b>	\$ 370,510	\$ 332,850	\$ 457,841	\$ 500,053	\$ 430,121	\$ 399,628	\$ 427,831	\$ 438,527	\$ 449,490	2.4%	2.5%	2.5%
Services Other than Personnel												
Services by Contract												
Materials and Supplies	\$ 107,307	\$ 171,398	\$ 79,373	\$ 12,767	\$ 30,966	\$ 122,930	\$ 94,727	\$ 37,727	\$ 87,727	-2.1%	-60.2%	132.5%
Equipment	\$ 10,219	\$ 5,658			\$ 44,414			\$ 50,000			100.0%	-100.0%
Land and Structures												
Grants, Subsidies, Refunds, Awards, Etc.												
In-State Travel	\$ 25,049	\$ 18,571	\$ 1,673	\$ 1,210				\$ 5,000	\$ 5,000		100.0%	0.0%
Out-of-State Travel								\$ 2,000	\$ 2,000		100.0%	0.0%
Internal Transfer												
<b>Total Other Operating</b>	\$ 142,575	\$ 195,627	\$ 81,046	\$ 22,505	\$ 92,437	\$ 122,930	\$ 94,727	\$ 94,727	\$ 94,727	-6.6%	0.0%	0.0%
<b>TOTAL OPERATING BUDGET FOR LINE ITEM</b>	\$ 513,085	\$ 528,477	\$ 538,887	\$ 522,558	\$ 522,558	\$ 522,558	\$ 522,558	\$ 533,254	\$ 544,217	0.3%	2.0%	2.1%
<b>LINE ITEM FUNDING</b>												
General Fund (1)	\$ 513,085	\$ 528,477	\$ 538,887	\$ 522,558	\$ 522,558	\$ 522,558	\$ 522,558	\$ 533,254	\$ 544,217	0.3%	2.0%	2.1%
Dedicated Funds												
Federal Funds												
<b>TOTAL FUNDING FOR LINE ITEM</b>	\$ 513,085	\$ 528,477	\$ 538,887	\$ 522,558	\$ 522,558	\$ 522,558	\$ 522,558	\$ 533,254	\$ 544,217	0.3%	2.0%	2.1%

Notes:  
 (1) If funded from state appropriations, include in BRS - 1 under State Appropriation - Line Item  
 (2) Reflects actual and committed expenditures.  
 - Institution may include in budget submission a one-page overview of line item noted in this schedule  
 - If an institution has more than 1 line item, copy this sheet and add as a new schedule

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## INTRODUCTION

In the course of the past two years, Purdue University has developed two strategies to address current budgetary challenges and to position the University for long-term financial sustainability. These strategies have included:

1. **Sustaining New Synergies (SNS)**, which was initiated to find efficiencies, new sources of revenue, and cost savings (including energy savings) to ensure that the University is positioned to address our current biennial budget and reduce our reliance on student fee increases in the future. The focus of this effort was to sustain the objectives of the strategic plan for the long term.
2. **Decadal Funding Plan**, which was designed to double resource capacity through cost cutting, cost containment, and new revenue generation. It also looked beyond biennial planning to the long term in order to support our strategic plan goals. Several big ideas were identified, and some are in the process of being implemented.

Building on these two strategies, our 10-Year Capital Plan and 2013-15 Legislative Capital Request introduce a plan for stewardship and renewal of the University's physical infrastructure to achieve environmental and financial sustainability.

Through our 10-Year Capital Plan and 2013-15 Legislative Capital Request, we look to accomplish three goals:

1. **Renewal through renovation and replacement.** Renovating and repurposing existing space to allow our campuses to increase efficiency, sustainability and safety.
2. **Development through private, public and institutional partnerships.** Leveraging resources and aligning partners to create modern and efficient facilities that support emerging scientific methods and evolving instructional techniques, and providing improved opportunities for cross-disciplinary collaboration.
3. **Impact through investment, reinvestment and sustainability.** Maximizing return on investment by focusing resources toward facility deficiencies, reducing the deferred R&R backlog and achieving both environmental and financial sustainability.

## PROCESS

The framework to guide the growth, development and reinvestment in Purdue's physical infrastructure is rooted in each campus's master plan and articulated in the University's strategic plan. Purdue's capital project planning and the development of our 2013-15 capital request involves:

1. A biennial (once every two years) process to establish the 10-Year Capital Plan, and
2. An annual process to develop a repair and rehabilitation (R&R) and infrastructure plan.

Purdue's capital project approval processes, including new construction, facility renovation, leases and property acquisition are governed by state statute and the bylaws of the University.

As part of this process, Purdue's Physical Facilities Office, Physical and Capital Planning Office, and Capital Coordinating Committee (C3) are charged with meeting internally with each campus and major campus unit to identify and collect needs and priorities for campus facilities and infrastructure.

Additionally, Purdue's Capital Projects Council (CPC), chaired by the University President, guides the system-wide capital project planning process.

Physical Facilities, Physical and Capital Planning, and these two committees review all types of capital projects proposed by the various campuses and units before Purdue makes a request to the Indiana Commission for Higher Education (CHE) and the State Budget Agency/Committee. They rely on broad awareness and under-

standing of system-wide master planning goals, facility and infrastructure needs and strategic plan goals and priorities.

Ultimately, the capital request vision and individual capital project needs determined by this process are included in Purdue's 10-Year Capital Plan.

## **BALANCED CAPITAL APPROACH FOR PRIORITY PROJECTS**

Purdue continues to work on a strategy aimed at achieving our strategic vision in the current challenging economic climate as well as ensuring financial sustainability related to stewardship of our physical infrastructure.

The total replacement value across the entire physical plant for all four campuses (including Athletics and Auxiliary facilities) exceeds \$7.8 billion (\$6.5 billion for the West Lafayette campus). Academic and administrative buildings and infrastructure have a current replacement value (CRV) estimated at more than \$5.6 billion (\$4.3 billion for the West Lafayette campus). Purdue has estimated that the academic and administrative facilities and infrastructure have a deferred R&R backlog of at least \$573 million (\$440 million for the West Lafayette campus).

According to the Association of University Physical Plant Administrators (APPA), today's buildings, grounds, infrastructure and equipment — which have been built to house and support academic programs — are the legacy of the dramatic growth of new and existing campuses over the past 60 years. During that time, two forces have converged to present higher education with a substantial maintenance backlog:

1. Normal aging of capital facilities and the subsequent need for cyclical renewal of building and infrastructure sub-systems.
2. The obsolescence of facilities to meet dynamic needs of the academic enterprise, including changing pedagogy, information technology and a shift from "traditional" college-aged students to a more diverse student profile.

Deferred R&R is not unique to Purdue. It is one of the most significant and growing facilities issues currently facing public higher education institutions. To address our campus needs for new and replacement facilities and to address our annual R&R needs (including the deferred R&R backlog) Purdue has adopted a balanced capital program approach for system-wide facility and infrastructure investments. This approach consists of the following core principles:

- Renovate existing facilities, where feasible.
- Replace existing facilities with new, where appropriate.
- Add new space only when needed.

Over the past five years, this approach combined with bonding authority to address R&R and American Recovery and Reinvestment Act (ARRA) allocations have allowed Purdue to:

- Stop the growth in the R&R backlog.
- Reduce new investments in operating costs.
- Eliminate old, inefficient space.
- Add newer, more energy-efficient space while sustaining and renewing current investments.
- Develop all capital projects with an eye to both environmental and financial sustainability.

Our 2013-15 legislative capital request and 10-Year Capital Plan are built on these fundamental core principles.



## 2013-15 CAPITAL REQUEST PRIORITY RANKING

The 2013-15 Legislative Capital Request and 10-Year Capital Plan includes the following six projects requesting state funding in the near term. Projects requesting state support require prioritization on the system-wide request. Purdue University is proposing the following rank order for the projects submitted for inclusion in the 2013-15 request. The justification for the proposed ranking is included below along with a summary proposal, impact statement and funding plan.

### Priority 1 — Active Learning Center, Purdue West Lafayette Campus

#### Proposal

The Active Learning Center for the West Lafayette campus will improve Purdue's support for student learning by providing spaces that allow better integration between formal and informal learning environments and will promote greater engagement of students in an active learning process. The proposed building will construct 38,000 square feet of study space and 59,000 square feet of classroom space in a location ideal for student access — the terminus of the area along Third Street that we call the "Student Success Corridor." The new facility will add new impact/collaborative-style classrooms; replace existing classrooms in Lilly Hall-South Wing (LILY), Heavilon Hall (HEAV) and Smith Hall (SMTH); and will consolidate the Engineering and Science libraries, presently in A.A. Potter Engineering Center (POTR), Wetherill Laboratory of Chemistry (WTHR), Civil Engineering Building (CIVL), Physics Building (PHYS), the Robert E. Heine Pharmacy Building (RPH) and the Lilly Hall of Life Sciences. The library will focus on innovative learning concepts with minimal space committed to shelving print materials. It will be a place where students can collaborate between classes, meet with their instructors and access information resources.

The facility will be built in the center of the West Lafayette campus on the site of the Heating and Power Plant-North (HPN) and the Engineering Administration Building (ENAD). HPN is the power plant that served campus from 1923 to 1991, when it was decommissioned. ENAD was originally constructed in 1928 as the Services and Stores Building and was expanded three times in 1932, 1937 and 1952. It currently houses offices for Space Management and Academic Scheduling, Marketing and Media, and Convocations. Each will be relocated to existing campus space. These buildings carry deferred R&R in excess of \$4.3 million and have become operationally obsolete.

#### Priority Justification

The Active Learning Center will provide a positive impact on student educational attainment by accommodating computer-generated information displays, an increase in active or project-based learning, spaces with more versatile seating arrangements and more flexible workspaces. This facility will support and allow for the expansion of the successful IMPACT program that integrates active learning into the instruction of Purdue students. The project addresses areas critical to student success, aging classrooms and the consolidation of library resources in a collaborative environment at a central campus location. The average age of classrooms on the West Lafayette campus is 65 years old, with many facilities marked for demolition. Significant priority has been given to this project due to the consolidation of the Engineering and Science libraries, which will result in significant space being freed up in the campus core. This project will also position the West Lafayette campus for significant growth in summer enrollments and classroom utilization year round, assisting with the movement to a balanced trimester consistent with the decadal funding plan. The project also addresses \$17.3 million of deferred R&R.

#### Impact

This project will build 97,000 square feet of active learning space, resulting in the demolition of 76,664 square feet of space in five buildings and elimination of \$17.3 million of deferred R&R. In addition, this project will reassign 55,847 square feet in five buildings within the campus core.

## Funding Plan

The active learning project will be funded by \$60 million from Student Fee Bond Proceeds-Fee Replaced, \$16 million in Gift Funds and \$13 million in Facility and Administrative Cost Recovery Funds, for a total project cost of \$89 million. The total cost includes \$15 million for the demolition and abatement of the abandoned Heating and Power Plant-North.

## Priority 2 — Student Services and Activities Complex, Purdue North Central Campus

### Proposal

The Student Services and Activities Complex project will construct a new Student Services facility on the Purdue North Central (PNC) campus. Building the Student Services and Activities Complex will go a long way toward enriching the student experience at PNC. Not only will it increase space for student activities and athletics but it will also allow the campus to hold graduation at Purdue North Central rather than at Valparaiso University. This facility will greatly enhance student life, assisting in the retention of students and ultimately leading to higher graduation rates.

This multi-function complex will accommodate student life activities, service learning and leadership centers, wellness programs, collegiate sports, and intramural and recreational offerings.

### Priority Justification

The project has already received the required legislative authorizations, both for the planning funds that were authorized in 2007 and the facility that was authorized in 2009. Therefore, no further authorizations are needed to move the facility to the state for review and approval. It also ranks as the highest priority project from prior capital requests that has not been approved but has received either full or partial authorization. The Student Services and Activities Complex is also the most “shovel-ready” project on the list.

### Impact

The impact of this project will be to add significant capacity for University assemblies, convocations, exhibitions and community outreach events. The complex is critical to the future development of the University and will benefit students, constituents and communities across North Central Indiana.

## Funding Plan

Planning funds of \$1 million were authorized in the 2007 Legislative Session, and authorization for \$33.7 million was granted in the 2009 Legislative Session. That authorization was proposed to be funded by \$23.7 million from Student Fee Bond Proceeds-Fee Replaced, \$6.3 million Student Fee Bond Proceeds-Student Fee Assessment, and \$3.7 million in Gift Funds. This funding plan remains in place today with project approval and a fee-replacement appropriation, for a total project cost of \$34.7 million.

## Priority 3 — Emerging Technologies Building, Purdue Calumet Campus

### Proposal

The Emerging Technologies Building on the Purdue University Calumet campus will address several critical facilities and infrastructure issues. Currently, the schools of Nursing and Education are housed in the Gyte Annex, which was constructed in two phases (1950 and 1961) as the Industrial Research Building for Inland Steel Corporation. Through the years, it was converted in phases to house academic functions. Building evaluations completed in 1997 and 2000 concluded that the building was in need of major renovations; however, history has shown it difficult to remodel a building with antiquated internal and structural systems. Since the building has



no architectural significance and no infrastructure to support modern technology, investing resources in this facility offers a limited return.

This project will allow for the relocation of programs and services currently housed in the Gyte Annex to a new facility, construction of new offices and research and teaching labs for the Department of Biology, and creation of a home for Purdue University Calumet Centers and Institutes.

### Priority Justification

The project received planning authorization in 2007, however it did not receive full authorization even though it has continued to be the top priority for the Calumet Campus since the 2007-09 Capital Budget Request. It ranks as the second priority of remaining projects behind the Student Services and Activities project at North Central, and the highest priority project carried forward for state funding from the 2011-13 Capital Request. In addition, a significant portion of deferred R&R can be addressed for the Calumet campus with this project.

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 critical to attracting and retaining leading-edge faculty, which in turn will attract and retain high-quality students.

### Impact

The project will provide 48,673 ASF that will generate collaborative learning environments and much needed laboratory space. With the demolition of the Gyte Annex, the net change in campus ASF will be a gain of 24,011 ASF. In addition, the demolition of the annex will reduce Calumet's deferred R&R by \$6.9 million, or 13 percent.

### Funding Plan

Planning funds of \$2.4 million were authorized in the 2007 Legislative Session. Approval and appropriation of these funds are still pending and are included in this year's request. The funding plan for this project is \$35.0 million plus \$2.4 million from Student Fee Bond Proceeds-Fee Replaced, for a total project cost \$37.4 million.

## Priority 4 — South Campus Renovations, IPFW Campus

### Proposal

The South Campus Renovations project on the Indiana University-Purdue University Fort Wayne (IPFW) campus will renovate the Helmke Library and Kettler Hall. Several campus buildings constructed on the IPFW campus in the 1960s and 1970s are in serious need of renovation. The two buildings on the South Campus that are in the greatest need of repair and renovation are Helmke Library and Kettler Hall. Although the buildings' physical structures are sound and space configurations still viable, the mechanical, electrical and plumbing systems are failing and in need of repair or replacement. These facilities also need to be retrofitted to accommodate new technologies and programming. Common areas such as public corridors, toilet rooms, elevators, stairs and lobbies need to be modernized and upgraded. Due to age and normal wear and tear, all exterior doors and windows need to be replaced to improve energy efficiency, access, safety and overall appearance. In addition, finishes and lighting in both buildings are worn and in need of replacement.

Helmke Library was constructed at a time when IPFW was being configured as a total electric campus. This renovation will provide a general upgrade to the facility. The primary need in this building is for replacement of HVAC systems, an upgrade to learning and library technologies, and repair and replacement of worn finishes. Lighting, power distribution, telecommunications cabling, and seating and space layouts will be adjusted. All HVAC systems will be replaced to accommodate the increased heat load and reduce energy consumption.

Kettler is structurally sound and has many more years of service, but the original HVAC systems, plumbing and most of the electrical systems need to be replaced and upgraded. The finishes, fixtures, plumbing and ventilation in the toilets need to be replaced. Within the building, telecommunication systems have been introduced in a piece-meal manner and need to be upgraded across the entire facility. More significantly, the building is only partially protected by a fire suppression (irrigation) system.

### **Priority Justification**

Renovations to the Helmke Library were requested in the 2011-13 Capital Request and are now carried forward and combined with renovations to Kettler Hall to form this new request. Renovations to existing facilities remain the highest priority for IPFW, and this project would reduce the campus's deferred maintenance by almost 50 percent, a figure that would not be attainable through the state's R&R formula for more than 21 years. The project retains its #4 ranking from 2011-13.

### **Impact**

The estimated replacement value of all IPFW facilities is approximately \$800 million, and the current total deferred maintenance amount is about \$75 million. Conventional maintenance models suggest there should be an annual reinvestment in capital assets for maintenance of at least one percent of the total replacement value. For IPFW, this means there should be \$8 million expended in R&R on an annual basis, which is far more than the current internally funded budget of \$1.3 million. This project would simultaneously modernize two buildings and reduce the deferred maintenance cost by approximately 50 percent.

### **Funding Plan**

The funding plan for this project is \$42.7 million from Student Fee Bond Proceeds-Fee Replaced.

## **Priority 5 — Repair and Rehabilitation Formula, All Purdue Campuses**

### **Proposal**

The general R&R formula is calculated for buildings and infrastructure at the original construction or acquisition cost for the various facilities on each campus. This drives a current replacement value (CRV) for the Purdue system of \$3.7 billion for the system (\$3.0 billion for the West Lafayette campus). This CRV multiplied by the R&R formula factor calculates a formula funding request of \$37.1 million for the system (\$30.0 million for the West Lafayette campus).

### **Priority Justification**

R&R is a critical need for each of our campuses, but is ranked as the fifth priority based on the impact that the other four priority projects have on deferred R&R.

## **Priority 6 — Biosafety Lab 3, West Lafayette Campus**

### **Proposal**

The proposed new Biosafety Lab 3 on the West Lafayette campus will serve as a statewide resource for Indiana by establishing a laboratory for research, training and diagnostic investigations with highly contagious microorganisms that cause disease in humans and animals.

Emerging and re-emerging infectious diseases continue to plague humans, endanger the food supply and threaten the agricultural economy. Most human infectious diseases originate in wild or domestic animals. These diseases can be costly both in human disease, death and economic impact. Infectious diseases affecting



animals alone can have a huge economic impact. Defense and prevention strategies depend upon diagnostic, research and training capabilities, which in turn require Biosafety Level 3 (BSL-3) facilities to protect humans and animals.

Purdue brings an exceptionally strong multidisciplinary team of established investigators to the study of infectious diseases (from the Colleges of Engineering, Science, Pharmacy, and Veterinary Medicine along with the interdisciplinary centers of Discovery Park). But Purdue lacks the animal housing facilities and laboratories to carry out studies with animals infected with BSL-3 type organisms.

### Priority Justification

With the funding plan and support for this project aligning under the Indiana Department of Administration and not Purdue University, this project is ranked sixth.

### Impact

The state of Indiana Animal Disease Diagnostic Laboratory (ADDL) at Purdue is a state-of-the-art diagnostic laboratory with a world-class staff of pathologists, microbiologists and virologists. And yet there is no BSL-3 laboratory space and no adequate means to dispose of material exposed to highly infectious organisms should Indiana be the site of a naturally occurring or bioterror-induced zoonotic disease outbreak.

### Funding Plan

This facility was requested by the Indiana Board of Animal Health during the 2007-09 biennial budget through the Indiana Department of Administration in the amount of \$30 million. The facility was to be administered under an arrangement similar to that of the ADDL. The state of Indiana, through the Department of Administration, was to enter into a lease with Purdue University for a period of 20-25 years, over which the lease payments would cover the annual debt service on the facility. Under section 9, page 87, of HEA1001-2007 CC2, the annual lease payment for the BSL-3 rental in the amount of \$2.6 million was appropriated to the Department of Administration for the FY 2008-09; however, this appropriation was deleted from subsequent state budgets. On July 9, 2007, the Purdue Board of Trustees submitted the project "Animal Disease Diagnostic Laboratory (BSL-3)" to the state for approval. It has been pending review by the Indiana CHE since that time.

## OTHER PROJECTS

### Agricultural and Life Sciences Building, West Lafayette Campus

In addition to the state-funded priority projects, the West Lafayette campus is proposing to self-fund, through Gifts and Facility and Administrative Cost Recovery, the Agricultural and Life Sciences Building project that has been this campus's number one priority project for the past four years. This building represents the second phase of an anticipated four-phase effort to improve and/or replace outdated facilities serving the Life and Health Sciences, primarily Lilly Hall of Life Sciences. The first phase, completed in 2009, included the construction of Hockmeyer Hall for Structural Biology. This second phase will replace Animal Sciences research space with space that can support emerging scientific techniques and provide better opportunities to collaborate on cross-disciplinary research. The third phase will replace the remaining space used by Biology, and the fourth phase will replace classroom and study spaces.

### Proposal

The Agricultural and Life Sciences Building will improve the efficiency and quality of research. This project will construct flexible, modern research and teaching space serving the Department of Animal Sciences and many other Life and Health Sciences disciplines on the West Lafayette campus.

## Impact

The total impact of this project will build 51,000 square feet of teaching and research labs, classrooms and office facilities to support Animal Sciences. This space will result in the demolition of 55,284 square feet of space in five buildings and the elimination of \$19.9 million of deferred R&R.

## Funding Plan

The funding plan for this project is \$26 million in Gift Funds plus \$20 million in Facility and Administrative Cost Recovery Funds for a total project cost of \$46 million.

## FINANCIAL SUSTAINABILITY

Purdue values its partnership with the state, especially in terms of our mission as Indiana's land-grant University, and we are keenly aware that demands on state resources are high. To fully achieve our financial sustainability vision, the following actions are required and will demand continued partnership with the state. Moving forward we must:

1. Augment the level of support for our existing facilities and campus infrastructure by establishing a sustainable level of funding for R&R and utility infrastructure. Our FY 2013 general fund budget included an increase in our allocation for R&R and infrastructure, increasing from \$11.5 million (\$9.1 million for the West Lafayette campus) in annual support to \$19.5 million (\$17.1 million for the West Lafayette campus). Our goal is \$56.5 million for the system (\$30 million for the West Lafayette campus) in annual support. Supplemental funding from state formula funding is essential to achieve our goal and to address our deferred R&R backlog.
2. Invest in facilities with high levels of deferred R&R through grants, Gift Funds and state support. For example, the near-term requests for academic facilities for West Lafayette leverage \$60 million in state support to attract \$95.8 million in private and institutional support for the Active Learning Center, Agriculture and Life Sciences Facility, Biochemistry Annex Renovation, and Infrastructure projects. The result is a \$37.2 million reduction in deferred R&R, the demolition of 94,000 ASF, and the reassignment of 55,847 ASF for other purposes. An additional 60,000 ASF will be held in three buildings for demolition awaiting the relocation of other facility uses.
3. Explore the implementation of an endowment requirement as part of future building campaigns to fund operating costs and R&R as part of the new building projects. Our recent campus project for the Center for Student Excellence and Leadership (CSEL) included a gift that will be used as a one-to-one match to generate a total of \$18 million to construct the center. This match also will provide an incentive for donors to invest an additional \$10 million in outright and deferred gifts toward an endowment to support the facility's long-term maintenance and operating costs. This has moved us closer as an institution to a support model for new facilities.

## CONCLUSION

Purdue is dedicated to developing a plan that supports our objectives in an innovative and sustainable way. Our 10-Year Capital Plan and 2013-15 Legislative Capital Request incorporate projects and strategies that renovate facilities where feasible, replace facilities where appropriate and add new facilities only when needed. It also provides renewal, impact and development on our campuses, ensuring the long-term success of our institution.

**CAPITAL REQUEST SCHEDULE I (CRS I)  
PURDUE UNIVERSITY  
SUMMARY OF CAPITAL PROJECT REQUESTS FOR THE 2013-15 BIENNIUM - ALL PROJECTS**

	Budget Agency Number	Institution Priority Ranking (1)	STATE FUNDING			Other Funding (3)	Total Capital Request	Est. Annual State Debt Service (2)	Est. Annual Other Debt Service (2)
			Cash	Bonding Authority	Lease-Purchase				
<b>A. PREVIOUSLY AUTHORIZED CAPITAL PROJECTS (4)</b>									
<i>a. West Lafayette Campus</i>									
Animal Disease Diagnostic Laboratory (BSL-3)	B-1-08-1-02	6		\$ 30,000,000			\$ 30,000,000	\$ 2,562,705	
<i>b. Calumet Campus</i>									
Emerging Technologies Building Planning Funds	B-2-09-1-10	3		\$ 2,400,000			\$ 2,400,000	\$ 205,016	
<i>c. Fort Wayne Campus</i>									
Northeast Indiana Innovation Center		*		\$ 10,000,000			\$ 10,000,000		
<i>d. North Central Campus</i>									
Student Services and Activities Complex	B-4-05-1-07R	2		\$ 23,700,000		\$ 10,000,000	\$ 33,700,000	\$ 2,024,537	\$ 538,168
Student Services and Activities Complex Planning Funds	B-4-09-1-21	2		\$ 1,000,000			\$ 1,000,000	\$ 85,423	
<b>B. NEW CAPITAL PROJECTS</b>									
<b>1. R&amp;R Formula</b>									
<i>a. Facilities</i>							\$ 31,764,978		
<i>b. Infrastructure</i>							\$ 5,294,919		
<b>TOTAL R&amp;R FORMULA</b>									
		5					\$ 37,059,897		
<b>2. SPECIAL R&amp;R PROJECTS</b>									
<i>a. West Lafayette Campus</i>									
Biochemistry Annex Third Floor Renovation	B-1-13-2-03				\$ 4,000,000		\$ 4,000,000		
<i>a. Fort Wayne Campus</i>									
South Campus Renovations	B-3-13-2-04	4		\$ 42,700,000			\$ 42,700,000	\$ 3,647,583	
<b>3. NEW CONSTRUCTION</b>									
<i>a. West Lafayette Campus</i>									
Active Learning Center	B-1-13-1-01	1		\$ 60,000,000		\$ 29,000,000	\$ 89,000,000	\$ 5,125,410	
Agricultural and Life Sciences Facility Phase 1	B-1-13-1-02					\$ 46,000,000	\$ 46,000,000		
Honors College Residence Hall and Dining	B-1-13-1-05					\$ 62,900,000	\$ 62,900,000		\$ 4,518,903
Softball Stadium	B-1-13-1-06					\$ 13,000,000	\$ 13,000,000		\$ 1,110,505
Thermal Energy Storage Tank Installation	B-1-13-1-07					\$ 16,800,000	\$ 16,800,000		
<i>b. Calumet Campus</i>									
Emerging Technologies Building	B-2-05-1-05	3		\$ 35,000,000			\$ 35,000,000	\$ 2,989,822	\$ 1,341,149
Student Wellness and Recreation Center	B-2-13-1-08					\$ 15,700,000	\$ 15,700,000		
<b>4. QUALIFIED ENERGY SAVINGS PROJECTS</b>									
<b>5. ACQUISITION (FACILITY, LAND OR LEASE)</b>									
<b>6. OTHER PROJECTS</b>									
<b>TOTAL CAPITAL PROJECT BUDGET REQUEST</b>				\$ 204,800,000		\$ 197,400,000	\$ 476,319,794		

\* The facility does not support the academic or instructional purposes of Purdue University, therefore the current authorization does not meet the criteria for bond issuance as outlined by State statute.

**Notes:**

- (1) Institutions must rank both Previously Authorized Capital Projects, New Capital Project Requests and R&R together (state funded projects only)
- (2) Assume a bond term of 20 years at 5.75% interest
- (3) Note source of other funds
- (4) Submit project description for previous projects. If scope of work has changed, please update.
- Projects that would require approval from the General Assembly or CHE/SBA/SBC should be included in this schedule
- Any project that would not need approval from the General Assembly or CHE/SBA/SBC should not be included in the schedule
- For each project listed in this schedule, the institution must provide a project summary document as an attachment
- Projects should include all costs associated with the project (structure, A&E, infrastructure, consulting, FF&E, etc.)

CAPITAL REQUEST SCHEDULE IV (CRS IV)  
TEN YEAR CAPITAL PROJECT PLAN  
INDIANA PUBLIC POSTSECONDARY EDUCATION  
SUMMARY OF MAJOR PROJECTS RELATED TO THE TEN YEAR CAPITAL PLAN

	Near-Term 2013-15			Medium Term 2015-17			Long-Term 2017-2023		
	Est. State Funding	Est. Other Funding (I)	Est. ASF Impact	Est. State Funding	Est. Other Funding (I)	Est. ASF Impact	Est. State Funding	Est. Other Funding (I)	Est. ASF Impact
<b>A. SPECIAL R&amp;R PROJECTS</b>									
<i>West Lafayette Campus</i>									
Biochemistry Annex Third Floor Renovation			n/a						
Energy and Environmental Control System Replacement & Improvement				\$ 10,000,000		n/a		\$ 30,000,000	
Research and Teaching Lab Renovations- Multiple Locations				\$ 10,000,000		n/a		\$ 30,000,000	
Learning Environment Improvements				\$ 6,000,000		n/a		\$ 6,000,000	
<i>Calumet Campus</i>									
Gyze Renovation Phase 2	\$ 42,700,000		222,840	\$ 8,200,000		n/a	\$ 51,500,000		45,000
<i>Fort Wayne Campus</i>									
South Campus Renovations									
IPFW Campus Replacement and Upgrade of HVAC control system									
Chiller Plant and Utility Infrastructure Renovation									n/a
<i>North Central Campus</i>									
Schwarz Hall Renovation							\$ 41,000,000		63,998
<b>B. NEW CONSTRUCTION</b>									
<i>West Lafayette Campus</i>									
Active Learning Center	\$ 60,000,000	\$ 29,000,000	97,000	\$ 60,000,000	\$ 16,200,000	18,050	\$ 24,500,000		18,700
Agricultural and Life Sciences Facility Phase 1, 2, 3		\$ 46,000,000	51,000						
Honors College Residence Hall and Dining		\$ 62,900,000	113,908						
Softball Stadium		\$ 13,000,000	10,910						
Thermal Energy Storage Tank Installation	\$ 30,000,000	\$ 16,800,000	9,744						
Animal Disease Diagnostic Laboratory (BSL-3)									
Large Animal Hospital				\$ 60,000,000	\$ 34,600,000	152,463			
Life Sciences Teaching and Research - Biology				\$ 60,000,000	\$ 38,500,000	100,000			
Classroom Library - Hicks Addition and Renovation					\$ 34,200,000	70,914			
ICA Maintenance Building					\$ 3,500,000	12,000			
Innovation Design Center - Student Projects Facility Phase 1 & 2					\$ 20,800,000	17,300	\$ 13,100,000		14,700
Jischke Hall Addition - Biomedical Engineering					\$ 22,200,000	23,000			
Interdisciplinary Research Facility					\$ 54,400,000	59,600			
Purdue Systems Institute - Next Generation Manufacturing Phase 1, 2, 3				\$ 38,700,000	\$ 10,000,000	60,000	\$ 76,300,000	\$ 40,000,000	120,000
Forestry Addition and Renovation					\$ 42,600,000	47,670			
Marsteller Parking Garage Replacement					\$ 28,500,000	n/a			
Distribution Improvements steam and chilled water, Demo Chiller 6					\$ 11,000,000	n/a			
Classroom Building							\$ 37,300,000		40,115
New Pharmacy Building - Research Phase 1							\$ 45,500,000	\$ 10,000,000	50,000
Ross Ade Stadium Expansion								\$ 58,000,000	n/a
Armstrong Addition - Engineering								\$ 56,000,000	60,000
Rawls Hall Addition								\$ 33,700,000	40,000
Public Safety Building - Police and Fire							\$ 20,800,000		29,000
Heavilon Hall Replacement - New Humanities Building							\$ 47,700,000		65,000
Agricultural and Biological Engineering Addition								\$ 63,300,000	55,260
Satellite Plant 2 w/3-2,700 ton chiller								\$ 35,500,000	n/a
Boiler 9 with Boiler 2 Demo								\$ 21,500,000	n/a

	Near-Term 2013-15			Medium Term 2015-17			Long-Term 2017-2023		
	Est. State Funding	Est. Other Funding (I)	Est. ASF Impact	Est. State Funding	Est. Other Funding (I)	Est. ASF Impact	Est. State Funding	Est. Other Funding (I)	Est. ASF Impact
<b>Calumet Campus</b>									
Emerging Technologies Building, including planning funds	\$ 37,400,000	\$ 15,700,000	48,673	\$ 61,900,000		30,000			
Student Wellness and Recreation Center			39,604	\$ 73,000,000		60,000		\$ 41,000,000	87,000
Library Addition								\$ 31,000,000	n/a
Classroom Office/Laboratory Building									
Student Housing Phase 3									
Parking Garage 2									
<b>Fort Wayne Campus</b>									
Classroom Office Building	\$ 10,000,000		n/a				\$ 42,100,000		53,500
Parking Garage IV								\$ 26,600,000	n/a
Student Housing Phase IV								\$ 45,600,000	57,000
Northeast Indiana Innovation Center *									
<b>North Central Campus</b>									
Student Services and Activities Complex, including planning funds	\$ 24,700,000	\$ 10,000,000	48,003	\$ 3,800,000		n/a			
Central Power Plant Expansion and Replacement				\$ 39,000,000		50,500			
Science Building									
Classroom Office Building							\$ 48,800,000		60,000
<b>C. QUALIFIED ENERGY SAVINGS PROJECTS</b>									
<b>D. ACQUISITION (FACILITY, LAND OR LEASE)</b>									
<b>E. OTHER PROJECTS</b>									
<b>TOTAL CAPITAL PROJECT BUDGET REQUEST</b>	<b>\$ 204,800,000</b>	<b>\$ 197,400,000</b>	<b>641,682</b>	<b>\$ 344,600,000</b>	<b>\$ 342,500,000</b>	<b>701,497</b>	<b>\$ 422,400,000</b>	<b>\$ 565,800,000</b>	<b>859,273</b>

Notes

(1) Identify other funds if possible (Federal, Dedicated, Donations, etc)

(2) Only for 2013-15

\* The facility does not support the academic or instructional purposes of Purdue University, therefore the current authorization does not meet the criteria for bond issuance as outlined by State statute.

- All projects that would need approval from the General Assembly or CHE/SBA/SBC should be included in this schedule
- Any project that would not need approval from the General Assembly or CHE/SBA/SBC should not be included in the schedule
- For projects listed in Medium and Long-Term, the estimated cost and ASF impact can be shown as a range
- Projects should include all costs associated with the project (structure, A&E, infrastructure, consulting, FF&E, etc.)

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**PROJECT SUMMARY AND DESCRIPTION**  
**ACTIVE LEARNING CENTER**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-13-1-01
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	One
<b>Previously approved by General Assembly:</b>	No	<b>Previously recommended by CHE:</b>	No
<b>Part of the Institution's Long-term Capital Plan:</b>	Yes		

**Project Summary Description:**

The Active Learning Center (ALC) is a facility that will improve Purdue's support for student learning by providing spaces that allow better integration between formal and informal learning environments and promote greater engagement of students in an active learning process. The proposed building will integrate 38,000 square feet of informal student study/learning space supported by the University Libraries with 59,000 square feet of classrooms. The facility will have the latest technology integrated throughout to support learning and study today and into the future. The facility will be located on the current site of the Engineering Administration Building (ENAD) and the Heat and Power Plant North (HPN) in order to be within a 10 minute walking distance of most other campus classrooms; consistent with our 10-minute break between classes. This building also will replace classroom space in three existing facilities. Altogether, this project will eliminate \$17.3M in deferred R&R. This location is at the terminus of the area along Third Street highlighted in the campus master plan as the "Student Success Corridor." At the heart of the campus it will highlight Purdue's mission to educate our undergraduate student body.

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

There is a tremendous synergy to be gained from locating student study and library resources in the same building as class meeting spaces since staffed study spaces provide multiple opportunities for students to assemble in small groups during class periods in a conducive environment. Additionally, it can provide group study space during evening hours as well as facilities to practice class presentations and work on projects. The availability of library faculty and staff to assist students with access to learning resources while providing instruction in 'information literacy' is of great importance in the ever changing world of accessing, retrieving, and integrating reliable information in support of course work and learning. In addition, the Active Learning Center will provide a positive impact on student educational attainment by accommodating computer-generated information displays, an increase in active or project-based learning, spaces with more versatile seating arrangements and more flexible workspaces. This facility will support and allow for the expansion of the successful IMPACT program that integrates active learning into the instruction of Purdue students.

**Project Size:** 176,364 GSF      97,000 ASF      0.55 ASF/GSF

**Net change in overall campus space:** 88,601 GSF      55,595 ASF

**Total cost of the project (1):** \$ 89,000,000 \*      **Cost per ASF/GSF:** \$ 504.64 GSF  
\$ 917.53 ASF \*\*

**Funding Source(s) for project (2):**

\$ 60,000,000	IC 21-34-6 through 10 Fee Replaced Bonding Authority Requested, contingent on legislative approval and a fee replacement appropriation
\$ 16,000,000	Gift Funds, derived from new campaign gifts
\$ 13,000,000	Facility and Administrative Cost Recovery Funds, derived from year end balances from F&A Cost Recovery (available 2014)

**Estimated annual debt payment (4):** \$ 5,125,410

**Are all funds for the project secured:** No

**Estimated annual change in cost of building operations based on the project:**    **\$ 1,082,123** \*\*\*

**Estimated annual repair and rehabilitation investment (3):**    **\$1,083,000** \*\*\*\*

- (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

**\* The project cost of \$89M is based on 2015 projections and includes an estimated \$16.8M cost of demolition of Heating and Power Plant North and Engineering Administration Building.**

**\*\* The cost per ASF excluding the demolition cost is \$727.77.**

**\*\*\* Does not include the net reduction in operating costs due to terminated space.**

**\*\*\*\* The estimated annual R&R investment is calculated on total project cost minus the demolition cost.**

**PROJECT DETAILED DESCRIPTION - ADDITIONAL INFORMATION**  
**ACTIVE LEARNING CENTER**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-13-1-01
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	One

**Description of Project**

The Active Learning Center (ALC) is a facility that will improve Purdue's support for student learning by providing spaces that allow better integration between formal and informal learning environments and promote greater engagement of students in an active learning process. The proposed building will integrate 38,000 square feet of informal student study/learning space supported by the University Libraries with 59,000 square feet of classrooms. The facility will have the latest technology integrated throughout to support learning and study today and into the future. The facility will be located on the current site of the Engineering Administration Building (ENAD) and the Heat and Power Plant North (HPN) in order to be within a 10 minute walking distance of most other campus classrooms; consistent with our 10-minute break between classes. This building also will replace classroom space in three existing facilities. Altogether, this project will eliminate \$17.3M in deferred R&R. This location is at the terminus of the area along Third Street highlighted in the campus master plan as the "Student Success Corridor." At the heart of the campus it will highlight Purdue's mission to educate our undergraduate student body. Integrating these facilities in a single location provides the opportunity for classes to move away from traditional didactic lectures and allow students more opportunity for collaborative learning exercises. It's also an efficient way to provide additional group study space to students during evening hours when there is lower demand on classrooms. The facility will be located on the current site of the Engineering Administration Building (ENAD) and the Heat and Power Plant North (HPN) in order to be within a 10 minute walking distance of most other campus classrooms; consistent with our 10-minute break between classes. This location is also the terminus of the area along Third Street highlighted in the campus master plan as the "Student Success Corridor."

The new facility will offer a mix of modern active learning classrooms along with more traditional lecture classrooms that are needed to accommodate large classes and replace 35,259 ASF of outdated classrooms in Lilly Hall (LILY), Heavilon Hall (HEAV), and Smith Hall (SMTH) — all proposed for demolition over the course of the 10-year capital plan. Replacement of the LILY classrooms is a prerequisite to demolishing the South Wing of this structure and eliminating its deferred R&R liability as part of our balanced capital approach. Altogether, this project will eliminate \$17.3M in deferred R&R. This project will also consolidate the 69,203 ASF of Engineering and Science library facilities that are presently in Potter Engineering Center (POTR), Wetherill Laboratory of Chemistry (WTHR), Civil Engineering Building (CIVL), the Physics Building (PHYS) Heine Pharmacy Building (RHPH), and the Lilly Hall of Life Sciences (LILY). Combining these departmental libraries will enable a more interdisciplinary approach to learning and reduce overhead created by the current need for redundant staffing at the present five locations. Approximately 90% of the print collections will be moved to the basement of the Hicks Undergraduate Library (HIKS). This focus on study spaces with a high level of support from library staff has proven to be very successful at the newly renovated Parrish Library of Management and Economics.

A major cost associated with this project is demolition of HPN and ENAD, estimated at \$16,800,000. HPN is a 1920's coal-fired facility that no longer produces heat or power and must be properly disassembled to dispose of the deteriorating structure and the environmental hazards it contains.

A number of alternatives for meeting classroom and study needs have been explored over the past several years. Renovation of existing spaces has been the favored approach for meeting changing learning needs, and many of our current classrooms and study spaces have been renovated and reconfigured to meet new demands placed on them; however, not all existing spaces are capable of being modified to meet new requirements. This is particularly true when teaching methods require more space for flexible furniture arrangements and more work area. Classrooms have been furnished with flexible tables and chairs where possible, but room size restricts the number of students who can be accommodated. All feasible cases where it is possible to combine adjacent rooms have also been exhausted. The ceiling height requirements necessitated for proper sight lines to use audio visual media also limit the ability to combine classrooms. University Libraries has studied the possibility of adding an addition to Potter building to expand the Engineering Library in that location, but the space available on that site was too constrained and would not allow for integration of libraries and learning spaces that is made possible by this project. Other site options have also been considered for this building, but no other location is as convenient for the students being served.

Because this is a replacement facility, there is no increased obligation by the State for operational costs. The utilization of existing resources will support the future R&R needs for this facility.

### **Need and Purpose of the Program**

Enhancing student learning is one of the three cornerstones of Purdue's mission and of its strategic plan. Teaching and learning methods have been undergoing a transformation over the past several decades as a result of advancing technology and the demand for graduates with new sets of skills. Two of many examples affecting the classroom are the near universal need for computer-generated information displays, and an increase in active or project-based learning. The first affects classrooms by requiring all students to be able to clearly see visual media, rather than just hear a lecturer and see a few examples drawn on a chalkboard. The second requires more versatile seating arrangements and workspaces that accommodate more than just a note pad. It also generates a need for spaces where students may break into smaller groups during class time and for spaces where students can study together in groups outside of class and have access to information resources. Unfortunately, many of our older classroom facilities can not be adapted to serve these needs. Active and collaborative learning methods have been shown to increase students' educational achievement in several studies, such as those on the effects of learning environments at the University of Minnesota.

There is also a tremendous synergy to be gained from locating student study and library resources in the same building as class meeting spaces since study spaces provide multiple opportunities for students to assemble in small groups during class periods, and classrooms can provide additional group study space during evening hours as well as facilities to practice class presentations and work on projects. The availability of library faculty and staff to assist students with access to supporting information and provide guidance that increases their information literacy is of great value. This facility will not be a traditional library housing vast stacks of books however. It will focus on support for student learning while most of the collections will be housed in other locations such as the already existing repository in the basement of the Hicks Undergraduate Library (HIKS).

Failure to move forward on this project will severely handicap our ability to meet the changing educational needs of Purdue students. Since these new teaching and learning methodologies require facilities that do not currently exist (and can not be readily created from existing spaces), we will have difficulty moving beyond the innovative efforts of a few departments that have adopted some of these methods to date.

### **Space Utilization**

In the immediate future, this project will increase total campus space by 55,595 assignable square feet (ASF). However, the project is also essential for allowing the demolition of 224,261 ASF in future years of the 10-year capital plan, including 35,259 ASF in LILY, HEAV, and SMTH which will be directly replaced by facilities in this project. At the completion of the project, the plan is to have no net increase in the number of classrooms on campus. This would only promote the trend seen nationally of having fewer classes on Fridays and other less popular times. The intent here is to replace classrooms that no longer meet the educational needs of our students with ones that can serve them for many years in the future. This proposal also reduces the amount of library space devoted to storage of books, while increasing the amount and effectiveness of study space serving our students.

The average frequency of use for scheduled classes for rooms over 100 stations in Fall 2011 was 44.1 hours per week. This corresponds to 88.2% of the standard 50-hour scheduling week. When other non-class use (help sessions, evening exams, student meetings) of classrooms is considered, the average frequency of use in these rooms increases by 9.4 hours per room per week to a total of 53.5 hours per week for each classroom. The frequency of use for all 278 classrooms is 36.7 hours for scheduled classes and 49.2 hours when non-class uses are factored in. This level of use is anticipated to continue after completion of this project since an equivalent number of classrooms will be taken out of service and/or demolished.

### **Comparable Projects**

The Class of 1950 Lecture Hall (CL50), built in 1989, is the building most comparable to the classroom portion of the Active Learning Center. In 1989, CL50 cost \$406/ASF. Inflated to today's dollars, that equates to \$825/ASF.

### **Background Materials**

Funding Plan - \$89,000,000:

Bonding Authority - Fee Replaced, \$60,000,000, Contingent on legislative approval and a fee replacement appropriation

Gift Funds (Library), \$16,000,000, New campaign gifts

Capital Reserve for Buildings, \$13,000,000, Year end balances from F&A Cost Recovery (available 2014)

**CAPITAL PROJECT REQUEST FORM**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**INSTITUTION CAMPUS SPACE DETAILS FOR ACTIVE LEARNING CENTER**

Active Learning Center B-1-13-1-01	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
<b>A. OVERALL SPACE IN ASF</b>							
Classroom (110 & 115)	279,963	-	2,678	282,641	-	57,000	339,641
Class Lab (210,215,220,225,230,235)	555,732	-	(724)	555,008	4,355	-	550,653
Non-class Lab (250 & 255)	1,420,040	-	50,821	1,470,861	628	-	1,470,233
Office Facilities (300)	2,053,115	1,102	56,350	2,110,567	21,733	-	2,088,834
Study Facilities (400)	392,579	-	5,400	397,979	4,020	36,000	429,959
Special Use Facilities (500)	1,037,900	58,635	20,857	1,117,392	-	-	1,117,392
General Use Facilities (600)	836,634	1,433	31,055	869,122	-	4,000	873,122
Support Facilities (700)	3,032,422	21,800	(11,947)	3,042,275	3,507	-	3,038,768
Health Care Facilities (800)	76,330	-	-	76,330	-	-	76,330
Resident Facilities (900)	2,274,683	-	75,800	2,350,483	-	-	2,350,483
Unclassified (000)	83,456	(14,182)	-	69,274	7,162	-	62,112
<b>B. OTHER FACILITIES</b> (Please list major categories)	-	-	-	-	-	-	-
<b>TOTAL SPACE</b>	<b>12,042,854</b>	<b>68,788</b>	<b>230,290</b>	<b>12,341,932</b>	<b>41,405</b>	<b>97,000</b>	<b>12,397,527</b>

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: Northwest Athletics Complex Phase I, RSC Renovation/Addition**

**Space planned and funded includes: Bailey Hall, BIND Addition, Center for Student Excellence and Leadership, Drug Discovery Facility, Health and Human Sciences Facility, Herrick Labs Center for Advanced Acoustics, Vawter Field Housing**

**Space to be terminated includes: ENAD, HPN**

**CAPITAL PROJECT COST DETAILS**  
**ACTIVE LEARNING CENTER**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-13-1-01
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	One

**ANTICIPATED CONSTRUCTION SCHEDULE**

	<u>Month</u>	<u>Year</u>
<b>Bid Date</b>	August	2014
<b>Start Construction</b>	September	2014
<b>Occupancy (End Date)</b>	September	2016

**ESTIMATED CONSTRUCTION COST FOR PROJECT**

	<u>Cost Basis</u> (1)	<u>Estimated Escalation Factors</u> (2)	<u>Project Cost</u>
<b><u>Planning Costs</u></b>			
a. Engineering			\$ 1,200,000
b. Architectural			\$ 2,000,000
c. Consulting			
<b><u>Construction</u></b>			
a. Structure			\$ 33,800,000
b. Mechanical (HVAC, plumbing, etc.)			\$ 10,000,000
c. Electrical			\$ 4,000,000
<b><u>Movable Equipment</u></b>			\$ 2,000,000
<b><u>Fixed Equipment</u></b>			\$ 3,000,000
<b><u>Site Development/Land Acquisition</u></b>			\$ 19,300,000 *
<b><u>Other (Existing building demolition plus soft costs: PM and S&amp;T Fees, Insurance, Contingencies)</u></b>			\$ 13,700,000
<b>TOTAL ESTIMATED PROJECT COST</b>	\$ -	\$ -	\$ 89,000,000

(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

\* Includes \$16.8M of demolition costs

**CAPITAL PROJECT OPERATING COST DETAILS**  
**ACTIVE LEARNING CENTER**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-13-1-01
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	One

<u>ANNUAL OPERATING COST/SAVINGS (1)</u>	<u>GSF OF AREA AFFECTED BY PROJECT</u>			
	Cost per GSF	Total Operating Cost	Personnel Services	Supplies and Expenses
1. Operations	\$ 4.02	\$ 708,989	\$ 648,368	\$ 60,621
2. Maintenance	\$ 0.93	\$ 164,579	\$ 145,460	\$ 19,119
3. Fuel	\$ 0.48	\$ 85,349	\$ -	\$ 85,349
4. Utilities	\$ 0.70	\$ 123,206	\$ -	\$ 123,206
5. Other	\$ -	\$ -	\$ -	\$ -
<b>TOTAL ESTIMATED OPERATIONAL COST/SAVINGS</b>	<b>\$ 6.14</b>	<b>\$ 1,082,123</b>	<b>\$ 793,828</b>	<b>\$ 288,295</b>

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

Does not include the net reduction in operating costs due to terminated space.

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

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**PROJECT SUMMARY AND DESCRIPTION**  
**STUDENT SERVICES AND ACTIVITIES COMPLEX**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-4-05-1-07R *
<b>Campus:</b>	North Central	<b>Institutional Priority:</b>	Two
<b>Previously approved by General Assembly:</b>	Yes *	<b>Previously recommended by CHE:</b>	Yes *
<b>Part of the Institution's Long-term Capital Plan:</b>	Yes		

**Project Summary Description:**

This project will construct a new Student Services and Activities Complex. The multi-function complex will accommodate student life activities, service learning and leadership centers, wellness programs, collegiate sports and intramural and recreational offerings. Conference facilities with flexible break-out rooms for academic classes, professional seminars and continuing education programs also are included.

The new complex also will be used for university assemblies, convocations, exhibitions, and community outreach events. It will advance economic development efforts in LaPorte, Porter and Starke counties by serving as a meeting and convention center for businesses and civic organizations. The complex is critical to the future development of the university and will benefit students, constituents and communities across north central Indiana.

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

The need for a Student Services and Activities complex has become critical to the future development of the North Central campus. The new facility will benefit students and members of the campus community.

<b>Project Size:</b>	68,576 GSF	48,003 ASF	0.70 ASF/GSF
<b>Net change in overall campus space:</b>	68,576 GSF	48,003 ASF	

<b>Total cost of the project (1):</b>	\$ 34,700,000 **	<b>Cost per ASF/GSF:</b>	\$ 506.01 GSF ***
			\$ 722.87 ASF ***

<b>Funding Source(s) for project (2):</b>	\$ 1,000,000	- IC 21-34-6 through 10 Fee Replaced Bonding Authority provided in 2007, contingent on fee replacement appropriation
	\$ 23,700,000	- IC 21-34-6 through 10 Fee Replaced Bonding Authority provided in 2009, contingent on fee replacement appropriation
	\$ 6,300,000	- IC 21-34-6 through 10 Student Fees Bonding Authority provided in 2009, derived from Student Fees Assessed - Dedicated Student Fee
	\$ 3,700,000	- Gift Funds, derived from new campaign gifts

**Estimated annual debt payment (4):** \$2,648,128

**Are all funds for the project secured:** No

**Estimated annual change in cost of building operations based on the project:** \$ 597,288

**Estimated annual repair and rehabilitation investment (3):** \$ 520,500 Based on total project cost

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

\* **B-4-09-1-21 Planning authorization recommended by ICHE in 2007. Project authorized in 2009.**

\*\* **Cost is based on 2009 prevailing costs.**

\*\*\* **Square footage reduced based on lost purchasing power.**

**PROJECT DETAILED DESCRIPTION - ADDITIONAL INFORMATION**  
**STUDENT SERVICES AND ACTIVITIES COMPLEX**

<b><u>Institution:</u></b>	Purdue University	<b><u>Budget Agency Project No.:</u></b>	B-4-05-1-07R
<b><u>Campus:</u></b>	North Central	<b><u>Institutional Priority:</u></b>	Two

**Description of Project**

This project will construct a new Student Services and Activities Complex. The multi-function complex will accommodate student life activities, service learning and leadership centers, wellness programs, collegiate sports and intramural and recreational offerings. Conference facilities with flexible break-out rooms for academic classes, professional seminars and continuing education programs also are included. The project is consistent with the approved campus master plan and supports the mission of the campus by providing needed space for instruction, student services, athletics, and community outreach events. It will be used to advance economic development efforts in LaPorte, Porter and Starke counties by serving as a meeting and convention center for business and civic organizations. The complex is critical to the future development of the university and will benefit students, constituents and communities across north central Indiana. No suitable alternatives exist. Presently, many instructional, athletic, recreational, and university engagement functions must be held at off-campus locations due to the lack of adequate facilities. No impact on future capital projects are anticipated. The estimated increase in operating costs to the institution is \$597,288. The costs are expected to be covered through a combination of Plant Expansion funding and internal reallocations. Future repair and rehabilitation needs will be funded with State and Campus R&R funding.

**Need and Purpose of the Program**

After years as an associate degree institution, Purdue University North Central has grown into an accredited four-year campus offering twenty bachelor degrees and two master degree programs. The role and mission of the university has evolved to meet the needs of the tri-county service area and enrollment growth continues at a record pace, but campus facilities are insufficient to support requisite activities and programs. The new facilities will benefit students and members of the campus community by providing needed instructional space as well as an opportunity to participate in fitness and wellness activities, intramural programs and collegiate athletics. This broad participation will engage students and others in programs of formal and informal education designed to promote personal fitness and encourage healthy lifestyles. The complex will support convocations (currently held at Valparaiso University) and accommodate student life activities, collegiate and intramural sports and wellness programs. Current facilities will continue to be insufficient to support convocations, university assemblies and exhibitions, community outreach programs, and expansion of collegiate and intramural sports and recreational activities. The facility will provide fitness and recreational activities and an opportunity to expand the wellness program. The annual debt service to support the \$6,300,000 Student Fee Bond issue is approximately \$538,168. This is based on 5.75% and a 20 year repayment period, which would be approximately a financial impact of \$7.00 per credit hour. Both planning and project authorizations have been secured.

**Space Utilization**

The total impact will add 48,003 ASF of new space. The project will also allow the recovery of nine classrooms that had previously been converted to student support space. These recovered classrooms will add 318 new student stations to the general purpose classroom inventory. This will increase the number of classrooms and student stations by approximately twenty percent.

**Comparable Projects**

N/A

**Background Materials**

Funding Plan - \$34,700,000:  
 2009 Bonding Authority - Fee Replaced - Project, \$23,700,000, Contingent on fee replacement appropriation  
 2007 Bonding Authority - Fee Replaced - Planning, \$1,000,000, Contingent on fee replacement appropriation  
 Bonding Authority - Non-Fee Replaced, \$6,300,000, Student Fees Assessed - Dedicated Student Fee  
 Gift Funds (PNC), \$3,700,000, New campaign gifts

**CAPITAL PROJECT REQUEST FORM**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**INSTITUTION CAMPUS SPACE DETAILS FOR NORTH CENTRAL STUDENT SERVICES AND ACTIVITIES COMPLEX**

Student Services and Activities Complex B-4-05-1-07R	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
<b>A. OVERALL SPACE IN ASF</b>							
Classroom (110 & 115)	28,849			28,849			28,849
Class Lab (210,215,220,225,230,235)	37,352			37,352			37,352
Non-class Lab (250 & 255)	2,669			2,669			2,669
Office Facilities (300)	70,081			70,081		1,500	71,581
Study Facilities (400)	25,034			25,034			25,034
Special Use Facilities (500)	4,563			4,563		25,766	30,329
General Use Facilities (600)	28,465			28,465		19,312	47,777
Support Facilities (700)	13,643			13,643		1,425	15,068
Health Care Facilities (800)				-			-
Resident Facilities (900)				-			-
Unclassified (000)				-			-
<b>B. OTHER FACILITIES</b> (Please list major categories)							
<b>TOTAL SPACE</b>	<b>210,656</b>	<b>-</b>	<b>-</b>	<b>210,656</b>	<b>-</b>	<b>48,003</b>	<b>258,659</b>

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)

**CAPITAL PROJECT COST DETAILS**  
**STUDENT SERVICES AND ACTIVITIES COMPLEX**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-4-05-1-07R
<b>Campus:</b>	North Central	<b>Institutional Priority:</b>	Two

**ANTICIPATED CONSTRUCTION SCHEDULE**

	<u>Month</u>	<u>Year</u>
<b>Bid Date</b>	August	2013
<b>Start Construction</b>	October	2013
<b>Occupancy (End Date)</b>	August	2015

**ESTIMATED CONSTRUCTION COST FOR PROJECT**

	<u>Cost Basis (1)</u>	<u>Estimated Escalation Factors (2)</u>	<u>Project Cost (3)</u>
<b><u>Planning Costs</u></b>			
a. Engineering	\$ 1,000,000		
b. Architectural	\$ 1,776,000		
c. Consulting			
<b><u>Construction</u></b>			
a. Structure	\$ 11,971,500		
b. Mechanical (HVAC, plumbing, etc.)	\$ 7,182,900		
c. Electrical	\$ 4,788,600		
<b><u>Movable Equipment</u></b>	\$ -		
<b><u>Fixed Equipment</u></b>	\$ 1,915,440		
<b><u>Site Development/Land Acquisition</u></b>	\$ 3,511,640		
<b><u>Other (Project Management and Supervision, Insurance and Contingencies)</u></b>	\$ 2,553,920		
<b>TOTAL ESTIMATED PROJECT COST</b>	<b>\$ 34,700,000</b>	<b>\$ -</b>	

(1) Cost Basis is based on current cost prevailing as of 2009. Total Estimated Project Cost includes prior authorization of \$1M For planning.

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

**CAPITAL PROJECT OPERATING COST DETAILS**  
**STUDENT SERVICES AND ACTIVITIES COMPLEX**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-4-05-1-07R
<b>Campus:</b>	North Central	<b>Institutional Priority:</b>	Two

		<b><u>GSF OF AREA AFFECTED BY PROJECT</u></b>			68,576
<b><u>ANNUAL OPERATING COST/SAVINGS (1)</u></b>					
	Cost per GSF	Total Operating Cost	Personnel Services	Supplies and Expenses	
1. Operations	\$ 1.70	\$ 316,812	\$ 200,233	\$ 116,579	
2. Maintenance	\$ 1.05	\$ 72,005	\$ -	\$ 72,005	
3. Fuel	\$ 0.78	\$ 53,489	\$ -	\$ 53,489	
4. Utilities	\$ 1.70	\$ 116,579	\$ -	\$ 116,579	
5. Other	\$ 0.56	\$ 38,403	\$ -	\$ 38,403	
<b>TOTAL ESTIMATED OPERATIONAL COST/SAVINGS</b>	<b>\$ 5.79</b>	<b>\$ 597,288</b>	<b>\$ 200,233</b>	<b>\$ 397,055</b>	

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

N/A

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

**PROJECT SUMMARY AND DESCRIPTION**  
**EMERGING TECHNOLOGIES BUILDING**

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

**Project Summary Description:**

The proposed new Emerging Technologies Building will address several critical facilities and infrastructure issues at Purdue University Calumet, including the relocation of programs and services currently housed in the Gyte Annex to a new facility; construction of new offices, research and teaching labs for the Department of Biology; and, creation of a home for Purdue University Calumet Centers and Institutes. The schools of Nursing and Education are currently housed in the Gyte Annex, which 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, history has shown it difficult to remodel a building with antiquated internal and structural systems. Since the building has no architectural significance and the infrastructure to support modern technology is non-existent, investing resources in this facility offers a limited return at best. 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.

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

The schools of Nursing and Education are currently housed in the Gyte Annex which 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. Separate 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. Since the building has no architectural significance and the infrastructure to support modern technology is non-existent, investing resources in this facility offers a limited return at best. In order for the University to meet curricular requirements, accreditations and the goals of the strategic plan, the University requires the use of campus facilities that support modern technology and evolving instructional techniques. Having facilities of this nature is key to attracting and retaining contemporary and leading edge faculty which in turn will attract and retain students who typically choose other educational institutions.

<b>Project Size:</b>	78,000 GSF	48,673 ASF	0.6240 ASF/GSF
<b>Net change in overall campus space:</b>	33,612 GSF	24,011 ASF	

<b>Total cost of the project (1):</b>	\$ 37,400,000 **	<b>Cost per ASF/GSF:</b>	\$ 479.49 GSF
			\$ 768.39 ASF

<b>Funding Source(s) for project (2):</b>	\$ 2,400,000	- IC 21-34-6 through 10 Fee Replaced Bonding Authority provided in 2007, Contingent on fee replacement appropriation
	\$ 35,000,000	- IC 21-34-6 through 10 Fee Replaced Bonding Authority requested, Contingent on legislative approval and a fee replacement appropriation

<b>Estimated annual debt payment (4):</b>	\$3,194,838
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**Are all funds for the project secured:** No

**Estimated annual change in cost of building operations based on the project:** \$ 663,000\*\*\*

**Estimated annual repair and rehabilitation investment (3):** \$ 561,000 Based on total project cost

(1) Projects should include all costs associated with the project (structure, A&E, infrastructure, consulting, FF&E, etc.) **Includes prior planning funding authorization.**

(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

\* **Prior authorization for B-2-09-1-10 Planning funding only.**

\*\* **Cost based on 2015 projections**

\*\*\* **Does not include the net reduction in operating costs due to terminated space.**

**PROJECT DETAILED DESCRIPTION - ADDITIONAL INFORMATION**  
**EMERGING TECHNOLOGIES BUILDING**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-2-05-1-05
<b>Campus:</b>	Calumet	<b>Institutional Priority:</b>	Three

**Description of Project**

The proposed new Emerging Technologies Building will address several critical facilities and infrastructure issues at Purdue University Calumet, including the relocation of programs and services currently housed in the Gyte Annex to a new facility; construction of new offices, research and teaching labs for the Department of Biology; and, creation of a home for Purdue University Calumet Centers and Institutes.

The schools of Nursing and Education are currently housed in the Gyte Annex, which 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. Since the building has no architectural significance and the infrastructure to support modern technology is non-existent, investing resources in this facility offers a limited return at best.

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.

**Need and Purpose of the Program**

In order for the University to meet curricular requirements, accreditations and the goals of the strategic plan, the University requires the use of building facilities that support modern technology and evolving instructional techniques. Having facilities of this nature is key to attracting and retaining contemporary and leading edge faculty which in turn will attract and retain students who typically choose other larger educational institutions. The schools of Nursing and Education are currently housed in the Gyte Annex which 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. Separate 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. Since the building has no architectural significance and the infrastructure to support modern technology is non-existent, investing resources in this facility offers a limited return at best.

In order for the University to meet curricular requirements, accreditations and the goals of the strategic plan, the University requires the use of campus facilities that support modern technology and evolving instructional techniques. Having facilities of this nature is key to attracting and retaining contemporary and leading edge faculty which in turn will attract and retain students who typically choose other educational institutions.

If this project is not approved, Calumet will continue to use outdated classroom and research space that lacks the technological requirements to make a 21st Century learning environment for the Schools of Nursing and Education and the Department of Biological Sciences. In particular, the School of Nursing is finding it increasingly difficult to meet the demographic demand for growth.

**Space Utilization**

The project will provide 48,673 ASF that will generate collaborative learning environments, much needed laboratory space and a contemporary home to help meet with growth in School of Nursing and help sustain the School of Education. With the demolition of the Gyte Annex, the net change in campus ASF will be a gain of 24,011 ASF. In addition, the demolition of the Annex will reduce Calumet's deferred R&R by 13% (\$6,856,979).

**Comparable Projects**

Purdue University West Lafayette recently bid a project to construct a 111,717 GSF / 60,836 ASF Health and Human Science (HHS) building. This facility will combine the departments of Speech Language and Hearing Sciences, Clinical Facilities and Medical Education. The total project cost is \$40,642,900 and the construction cost is \$30,456,750.

**Background Materials**

Funding Plan - \$37,400,000:

Bonding Authority - Fee Replaced - Project, \$35,000,000, Contingent on legislative approval and a fee replacement appropriation

Bonding Authority - Fee Replaced - Planning, \$2,400,000, Contingent on fee replacement appropriation

**CAPITAL PROJECT REQUEST FORM**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**INSTITUTION CAMPUS SPACE DETAILS FOR EMERGING TECHNOLOGIES BUILDING**

Emerging Technologies Building B-2-05-1-05	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
<b>A. OVERALL SPACE IN ASF</b>							
Classroom (110 & 115)	75,100			75,100	1,150	3,951	77,901
Class Lab (210,215,220,225,230,235)	110,409			110,409	9,531	21,265	122,143
Non-class Lab (250 & 255)	13,513			13,513	1,005	5,348	17,856
Office Facilities (300)	181,172			181,172	11,570	11,537	181,139
Study Facilities (400)	54,712			54,712			54,712
Special Use Facilities (500)	41,686			41,686	92		41,594
General Use Facilities (600)	85,953			85,953			85,953
Support Facilities (700)	304,151			304,151			304,151
Health Care Facilities (800)	1,314			1,314			1,314
Resident Facilities (900)	165,242			165,242			165,242
Unclassified (000)	2,019			2,019	1,314	6,572	7,277
<b>B. OTHER FACILITIES</b> (Please list major categories)				-			-
<b>TOTAL SPACE</b>	<b>1,035,271</b>	<b>-</b>	<b>-</b>	<b>1,035,271</b>	<b>24,662</b>	<b>48,673</b>	<b>1,059,282</b>

**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

**Note: Terminating the Gyte Annex Building (24,662 ASF, deferred R&R of \$6,856,979 for \$278/ASF) will reduce Calumet's total deferred R&R by 13%.**

(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)

**CAPITAL PROJECT COST DETAILS**  
**EMERGING TECHNOLOGIES BUILDING**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-2-05-1-05
<b>Campus:</b>	Calumet	<b>Institutional Priority:</b>	Three

**ANTICIPATED CONSTRUCTION SCHEDULE**

	<b>Month</b>	<b>Year</b>
<b>Bid Date</b>	June	2014
<b>Start Construction</b>	August	2014
<b>Occupancy (End Date)</b>	March	2016

**ESTIMATED CONSTRUCTION COST FOR PROJECT**

	<b>Cost Basis (1)</b>	<b>Estimated Escalation Factors (2)</b>	<b>Project Cost(3)</b>
<b>Planning Costs</b>			
a. Engineering			\$ 1,200,000
b. Architectural			\$ 1,200,000
c. Consulting			\$ -
<b>Construction</b>			
a. Structure			\$ 12,950,000
b. Mechanical (HVAC, plumbing, etc.)			\$ 8,050,000
c. Electrical			\$ 5,250,000
<b>Movable Equipment</b>			\$ -
<b>Fixed Equipment</b>			\$ 2,100,000
<b>Site Development/Land Acquisition</b>			\$ 3,850,000
<b>Other (PM, S&amp;T, Insurance and Contingencies)</b>			\$ 2,800,000
<b>TOTAL ESTIMATED PROJECT COST</b>		<b>\$ -</b>	<b>\$ 37,400,000</b>

(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

(3) Includes prior authorization for Planning funding of \$2.4M.

**CAPITAL PROJECT OPERATING COST DETAILS**  
**EMERGING TECHNOLOGIES BUILDING**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-2-05-1-05
<b>Campus:</b>	Calumet	<b>Institutional Priority:</b>	Three

		<b>GSF OF AREA AFFECTED BY PROJECT</b>			78,000
<b>ANNUAL OPERATING COST/SAVINGS (1)</b>					
	Cost per GSF	Total Operating Cost	Personnel Services	Supplies and Expenses	
1. Operations	\$ 2.70	\$ 210,600	\$ 151,632	\$ 58,968	
2. Maintenance	\$ 2.21	\$ 172,380	\$ 117,218	\$ 55,162	
3. Fuel	\$ -	\$ -	\$ -	\$ -	
4. Utilities	\$ 3.36	\$ 262,080	\$ -	\$ 262,080	
5. Other	\$ 0.23	\$ 17,940	\$ -	\$ 17,940	
<b>TOTAL ESTIMATED OPERATIONAL COST/SAVINGS</b>	<b>\$ 8.50</b>	<b>\$ 663,000</b>	<b>\$ 268,850</b>	<b>\$ 394,150</b>	

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

Does not include the net reduction in operating costs due to terminated space.

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

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**PROJECT SUMMARY AND DESCRIPTION**  
**SOUTH CAMPUS RENOVATIONS**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-3-13-2-04
<b>Campus:</b>	Indiana University-Purdue University Fort Wayne	<b>Institutional Priority:</b>	Four
<b>Previously approved by General Assembly:</b>	No	<b>Previously recommended by CHE:</b>	No
<b>Part of the Institution's Long-term Capital Plan:</b>	Yes		

**Project Summary Description:**

This project is to replace, repair and upgrade much of the building infrastructure in two existing buildings on the south end of the main campus. These buildings (Helmke and Kettler) are 40 - 50 years old and although still viable buildings, the mechanical , electrical and plumbing systems in the buildings are failing or are inadequate to meet contemporary needs of educational space. This project will eliminate \$37.9M of deferred R&R, approximately 50% of the total for the campus.

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

Current pedagogical methods are employing new technologies that are creating more demand on the capacity of the buildings to deliver. There is an expectation that computer oriented teaching and learning will continue to expand. Both hardwired and wireless access to the campus network and the internet has become increasingly difficult to deliver in these two buildings, because the systems were not built into the building in the 60's and 70's Other campus buildings have been upgraded, but these remain under served.

**Project Size:** 348,537 GSF      222,840 ASF      0.64 ASF/GSF

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

**Total cost of the project (1):** \$ 42,700,000 \*      **Cost per ASF/GSF:** \$ 122.51 GSF  
\$ 191.62 ASF

**Funding Source(s) for project (2):** \$ 42,700,000 - IC 21-34-6 through 10 Fee Replaced Bonding Authority requested, contingent on legislative approval and a fee replacement appropriation

**Estimated annual debt payment (4):** \$ 3,647,583

**Are all funds for the project secured:** No

**Estimated annual change in cost of building operations based on the project:** \$ -

**Estimated annual repair and rehabilitation investment (3):** N/A

- (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

\* Cost based on 2015 projections

**PROJECT DETAILED DESCRIPTION - ADDITIONAL INFORMATION**  
**SOUTH CAMPUS RENOVATIONS**

<b><u>Institution:</u></b>	Purdue University	<b><u>Budget Agency Project No.:</u></b>	B-3-13-2-04
<b><u>Campus:</u></b>	Indiana University-Purdue University Fort Wayne	<b><u>Institutional Priority:</u></b>	Four

**Description of Project**

Several campus buildings constructed on the IPFW campus in the 1960's and 1970's are in need of renovation. The structures are sound and the arrangement of space is still usable. Mechanical, electrical and plumbing (MEP) systems are failing and in need of repair and or replacement. Some areas of these buildings will need to be modified to accommodate new programs or technology that did not exist in the 60's and 70's. Some areas of building like public corridors, toilet rooms, elevators, stairs and lobbies need to be modernized or upgraded. In some cases exterior doors and windows will need to be replaced because of wear or to improve energy efficiency. The two buildings on the south campus that are in the greatest need of repair and renovation are Helmke Library and Kettler Hall. The need for this project is based in part on insufficient R&R funding, thus the accumulated deferred maintenance has left us with very few alternatives other than to continue to let the facilities to deteriorate. This project will eliminate \$37.9M of deferred R&R, approximately 50% of the total for the campus.

As with most other University facilities, the buildings have been constructed as "100 year life" buildings. Reinforced concrete structures, with brick and stone exteriors can last more than 100 years, but mechanical, electrical, and plumbing (MEP) systems normally need to be replaced after 35 years or so. Some of our buildings are approaching 50 years old and with the exception of some small upgrades or remodeling, the original MEP systems are still in place and in need of replacement. In the case of at least one of the buildings in this project request, the plumbing lines are buried in masonry walls (rather than in pipe chases). As a result, to replace the piping which is badly corroded and leaking, walls will need to be demolished to access the piping for repairs.

**Need and Purpose of the Program**

The programs and departments that are currently occupying these two buildings will for the most part remain the same. There will be some upgrading of technology in the Helmke Library as the building infrastructure is improved to support the demand for this new service. As incremental shifts and expansions of departments and divisions occur over time the over all trend for both Helmke and Kettler is for improved, Telecommunication infrastructure, power distribution, cooling, and because of new expectations for energy efficiency there will be a concentrated effort to reduce energy use.

If this project is not approved or recommend by the State, finishes and systems will continue to deteriorate and fail causing disruption to the academic mission. We are experiencing problems with air quality and environmental controls, which is a health concern.

**Space Utilization**

Of the two buildings included in this request the Helmke Library will have the most significant change in use. The building was originally constructed as a classic library with most of the space set aside for the collection of books and other print media. Some study space and staff office were included in the original layout as well. Now the need for book storage is less and the demand for study space and access to technology, computers, media centers, writing labs, and such will change the electrical, telecommunication, and cooling load in the building. Since the original MEP systems are nearly 40 years old most of it needs to be replaced and upgraded. Finishes and furnishing will need to be replaced as well. Kettler Hall was built in the early 1960's as the first structure on the IPFW campus. Over time as divisions and a departments have moved out of Kettler into new campus buildings, the vacated spaces were renovated to meet the new user's needs. Over all, however the main MEP systems Mechanical (HVAC) Electrical, and Plumbing have not been replaced and need to be replaced and/or extended. Public spaces such as toilet rooms, stairs, elevators, and lobbies need to be upgraded. No significant space change is anticipated with this project.

**Comparable Projects**

Repair and Rehabilitation of sections of buildings is normally managed within a wing of a building or of a particular floor of a building where construction can be isolated. The work that is being planned for this project is to replace building air handling equipment affecting large areas, replace plumbing throughout the building(s) extend fire protections (sprinkler) systems to practically all areas of at least one building, replace or expand telecommunication systems and replace or expand electrical power distribution, renovate toilets, and replace or modernize elevators, all while the buildings are occupied. The scope of this project will be bid with several alternates so as to ensure that complete work can be accomplished with the funds that are available. Some work may need to be completed in phases.

**Background Materials**

Funding Plan:

Bonding Authority - Fee Replaced, \$42,700,000, contingent on legislative approval and a fee replacement appropriation

**CAPITAL PROJECT REQUEST FORM**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**INSTITUTION CAMPUS SPACE DETAILS FOR IPFW SOUTH CAMPUS RENOVATIONS**

IPFW South Campus Renovations B-3-13-2-04	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
<b>A. OVERALL SPACE IN ASF</b>							
Classroom (110 & 115)	66,035	-	-	66,035	-	-	66,035
Class Lab (210,215,220,225,230,235)	131,947	-	-	131,947	-	-	131,947
Non-class Lab (250 & 255)	41,313	-	-	41,313	-	-	41,313
Office Facilities (300)	195,299	-	-	195,299	-	-	195,299
Study Facilities (400)	75,875	-	-	75,875	-	-	75,875
Special Use Facilities (500)	71,753	-	-	71,753	-	-	71,753
General Use Facilities (600)	107,908	-	-	107,908	-	-	107,908
Support Facilities (700)	577,599	-	-	577,599	-	-	577,599
Health Care Facilities (800)	3,139	-	-	3,139	-	-	3,139
Resident Facilities (900)	188,144	-	-	188,144	-	-	188,144
Unclassified (000)	4,770	-	-	4,770	-	-	4,770
<b>B. OTHER FACILITIES</b> (Please list major categories)	-	-	-	-	-	-	-
<b>TOTAL SPACE</b>	<b>1,463,782</b>	<b>-</b>	<b>-</b>	<b>1,463,782</b>	<b>-</b>	<b>-</b>	<b>1,463,782</b>

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:**

**CAPITAL PROJECT COST DETAILS**  
**SOUTH CAMPUS RENOVATIONS**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-3-13-2-04
<b>Campus:</b>	Indiana University-Purdue University Fort Wayne	<b>Institutional Priority:</b>	Four

**ANTICIPATED CONSTRUCTION SCHEDULE**

	<b>Month</b>	<b>Year</b>
<b>Bid Date</b>	March	2015
<b>Start Construction</b>	May	2015
<b>Occupancy (End Date)</b>	August	2016

**ESTIMATED CONSTRUCTION COST FOR PROJECT**

	<b>Cost Basis (1)</b>	<b>Estimated Escalation Factors (2)</b>	<b>Project Cost</b>
<b><u>Planning Costs</u></b>			
a. Engineering			\$ 1,350,000
b. Architectural			\$ -
c. Consulting			\$ 25,000
<b><u>Construction</u></b>			
a. Structure			\$ 3,300,000
b. Mechanical (HVAC, plumbing, etc.)			\$ 24,750,000
c. Electrical			\$ 4,950,000
<b><u>Movable Equipment</u></b>			\$ 215,000
<b><u>Fixed Equipment</u></b>			\$ 1,500,000
<b><u>Site Development/Land Acquisition</u></b>			\$ -
<b><u>Other (PM and S&amp;T Fees, Insurance and Contingencies)</u></b>			\$ 6,610,000
<b>TOTAL ESTIMATED PROJECT COST</b>	\$ -	\$ -	\$ 42,700,000

(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

**CAPITAL PROJECT OPERATING COST DETAILS**  
**SOUTH CAMPUS RENOVATIONS**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-3-13-2-04
<b>Campus:</b>	Fort Wayne	<b>Institutional Priority:</b>	Four

		<b><u>GSF OF AREA AFFECTED BY PROJECT</u></b>	348,537	
<b><u>ANNUAL OPERATING COST/SAVINGS (1)</u></b>				
	<b>Cost per GSF</b>	<b>Total Operating Cost</b>	<b>Personnel Services</b>	<b>Supplies and Expenses</b>
1. Operations	\$ 1.58	\$ 549,959	\$ 512,993	\$ 36,966
2. Maintenance	\$ 0.86	\$ 300,082	\$ 262,572	\$ 37,510
3. Fuel	\$ 0.60	\$ 208,086	\$ -	\$ 208,086
4. Utilities	\$ 1.73	\$ 602,106	\$ -	\$ 602,106
5. Other	\$ -	\$ -	\$ -	\$ -
<b>TOTAL ESTIMATED OPERATIONAL COST/SAVINGS</b>	<b>\$ 4.76</b>	<b>\$ 1,660,233</b>	<b>\$ 775,565</b>	<b>\$ 884,668</b>

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

Since this project is a partial renovation of existing space that is already included in our operating cost budget, we will see no appreciable increase or decrease in operating costs.

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

**PROJECT SUMMARY AND DESCRIPTION**  
**ANIMAL DISEASE DIAGNOSTIC LABORATORY (BSL-3)**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-08-1-02
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	Six
<b>Previously approved by General Assembly:</b>	Yes	<b>Previously recommended by CHE:</b>	No
<b>Part of the Institution's Long-term Capital Plan:</b>	No		

**Project Summary Description:**

Establish a laboratory for research, training, and diagnostic investigations with highly contagious microorganisms that cause disease in humans and animals. The laboratory will be a stand-alone building situated in a secure area proximal to the Animal Disease Diagnostic Laboratory (ADDL) on the Purdue University West Lafayette Campus. The building will have necropsy facilities for small and large animals, virology and microbiology laboratories, housing for rodents, avian species, and intermediate size mammals (pigs and sheep). The entire building will be properly ventilated. Containment tanks and alkaline digestion units will be installed to dispose safely of contaminated carcasses and manure. Autoclaves will be included for sterilization of lab equipment and animal cages. A perimeter fence and video cameras will be installed along with secure access.

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

Knowledge gained through diagnosis and research in this facility will be used in expanding the knowledge base of the university.

<b>Project Size:</b>	34,420 GSF	9,744 ASF	0.28 ASF/GSF
<b>Net change in overall campus space:</b>	34,420 GSF	9,744 ASF	

<b>Total cost of the project (1):</b>	\$ 30,000,000 *	<b>Cost per ASF/GSF:</b>	\$ 871.59 GSF \$3,078.82 ASF
<b>Funding Source(s) for project (2):</b>	\$ 30,000,000 - IC 21-34-6 through 10 bonding authority provided in 2007		
<b>Estimated annual debt payment (4):</b>	\$2,562,705		
<b>Are all funds for the project secured:</b>	No		
<b>Estimated annual change in cost of building operations based on the project:</b>	\$ 173,102		
<b>Estimated annual repair and rehabilitation investment (3):</b>	\$ 450,000 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 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  
\* Cost is based on April 2007 prevailing costs.

**PROJECT DETAILED DESCRIPTION - ADDITIONAL INFORMATION**  
**ANIMAL DISEASE DIAGNOSTIC LABORATORY (BSL-3)**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-08-1-02
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	Six

**Description of Project**

Establish a laboratory for research, training, and diagnostic investigations with highly contagious microorganisms that cause disease in humans and animals. The laboratory will be a stand-alone building situated in a secure area proximal to the Animal Disease Diagnostic Laboratory (ADDL) on the Purdue University West Lafayette Campus. The building will have necropsy facilities for small and large animals, virology and microbiology laboratories, housing for rodents, avian species, and intermediate size mammals (pigs and sheep). The entire building will be properly ventilated. Containment tanks and alkaline digestion units will be installed to dispose safely of contaminated carcasses and manure. Autoclaves will be included for sterilization of lab equipment and animal cages. A perimeter fence and video cameras will be installed along with secure access. This project has no relationship to any other capital improvement project.

**Need and Purpose of the Program**

The ADDL is the only facility in Indiana dedicated to diagnostic work in food and fiber animals. The addition of BSL-3 space will allow the ADDL to be at the forefront of detection of and response to outbreaks of highly infectious diseases with devastating economic impact such as avian influenza and Foot and Mouth Disease. Without BSL-3 facilities, diagnostic samples will have to be sent out of state, delaying diagnosis and therefore response. BSL-3 research laboratories and animal housing will allow scientists in central Indiana (Purdue, IU, companies) to compete for federal funds aimed at research with BSL-3 type organisms. Without BSL-3 facilities we are not competitive resulting in a potential loss of millions of research dollars. In some cases collaborative agreements with other facilities can be struck (e.g., CDC in Atlanta) but is inefficient, uncertain, dilutes potential income from licensing of newly developed product and directs research funds from Indiana. BSL-3 facilities will also place Purdue University on a more competitive position to attract federal funds on projects of interest to the Department of Homeland Security, NIH, and the USDA.

**Space Utilization**

Purdue University brings an exceptionally strong multidisciplinary team of established investigators to the study of infectious diseases (from the Colleges of Engineering, Science, Pharmacy, and Veterinary Medicine and from the interdisciplinary centers of Discovery Park) but lacks the animal housing facilities and laboratories to carry out studies with animals infected with BSL-3 type organisms. The State of Indiana Animal Disease Diagnostic Laboratory (ADDL) at Purdue is a state-of-the-art diagnostic laboratory with a world class staff of pathologists, microbiologists, and virologists. However, it also lacks the BSL-3 laboratory space and an adequate means of disposal of material exposed to highly infectious organisms should Indiana be the site of a naturally occurring or bioterror induced zoonotic disease outbreak. There is an urgent need to develop BSL-3 diagnostic and research laboratory capabilities in association with the ADDL and Purdue University. The proposed combined BSL-3 research and diagnostic facility makes sense because a diagnostics only facility would sit idle much of the time. The dual purpose assures that the facility will be continuously used and that qualified and experienced personnel are available in case of an infectious disease outbreak.

**Comparable Projects**

There is currently no state-owned facility in Indiana that is comparable.

**Background Materials**

N/A

**CAPITAL PROJECT REQUEST FORM  
INDIANA PUBLIC POSTSECONDARY EDUCATION  
INSTITUTION CAMPUS SPACE DETAILS FOR ANIMAL DISEASE DIAGNOSTIC LABORATORY (BSL-3)**

Animal Disease Diagnostic Laboratory (BSL-3) B-1-08-1-02	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
<b>A. OVERALL SPACE IN ASF</b>							
Classroom (110 & 115)	279,963	-	2,678	282,641	-	-	282,641
Class Lab (210,215,220,225,230,235)	555,732	-	(724)	555,008	-	-	555,008
Non-class Lab (250 & 255)	1,420,040	-	50,821	1,470,861	-	4,631	1,475,492
Office Facilities (300)	2,053,115	1,102	56,350	2,110,567	-	552	2,111,119
Study Facilities (400)	392,579	-	5,400	397,979	-	-	397,979
Special Use Facilities (500)	1,037,900	58,635	20,857	1,117,392	-	1,728	1,119,120
General Use Facilities (600)	836,634	1,433	31,055	869,122	-	337	869,459
Support Facilities (700)	3,032,422	21,800	(11,947)	3,042,275	-	2,496	3,044,771
Health Care Facilities (800)	76,330	-	-	76,330	-	-	76,330
Resident Facilities (900)	2,274,683	-	75,800	2,350,483	-	-	2,350,483
Unclassified (000)	83,456	(14,182)	-	69,274	-	-	69,274
<b>B. OTHER FACILITIES</b> (Please list major categories)							
<b>TOTAL SPACE</b>	<b>12,042,854</b>	<b>68,788</b>	<b>230,290</b>	<b>12,341,932</b>	<b>-</b>	<b>9,744</b>	<b>12,351,676</b>

**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: Northwest Athletics Complex Phase I, RSC Renovation/Addition

Space planned and funded includes: Bailey Hall, BIND Addition, Center for Student Excellence and Leadership, Drug Discovery Facility, Health and Human Sciences Facility, Herrick Labs Center for Advanced Acoustics, Vawter Field Housing

Space to be terminated includes:

**CAPITAL PROJECT COST DETAILS**  
**ANIMAL DISEASE DIAGNOSTIC LABORATORY (BSL-3)**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-08-1-02
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	Six

**ANTICIPATED CONSTRUCTION SCHEDULE**

	<b>Month</b>	<b>Year</b>
<b>Bid Date</b>	Unknown	
<b>Start Construction</b>	Unknown	
<b>Occupancy (End Date)</b>	Unknown	

**ESTIMATED CONSTRUCTION COST FOR PROJECT**

	<b>Cost Basis (1)</b>	<b>Estimated Escalation Factors (2)</b>	<b>Project Cost</b>
<b><u>Planning Costs</u></b>			
a. Engineering			
b. Architectural	\$ 2,100,000		
c. Consulting			
<b><u>Construction</u></b>			
a. Structure	\$ 21,000,000		
b. Mechanical (HVAC, plumbing, etc.)			
c. Electrical			
<b><u>Movable Equipment</u></b>	\$ 1,740,000		
<b><u>Fixed Equipment</u></b>	\$ 2,000,000		
<b><u>Site Development/Land Acquisition</u></b>			
<b><u>Other (PM &amp; S&amp;T Fees, Insurance, Contingencies)</u></b>	\$ 3,160,000		
<b>TOTAL ESTIMATED PROJECT COST</b>	<b>\$ 30,000,000</b>		

(1) Cost Basis is based on current cost prevailing as of: April 2007

(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**  
**ANIMAL DISEASE DIAGNOSTIC LABORATORY (BSL-3)**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-08-1-02
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	Six

		<b>GSF OF AREA AFFECTED BY PROJECT</b>			34,420
<b>ANNUAL OPERATING COST/SAVINGS (1)</b>					
	Cost per GSF	Total Operating Cost	Personnel Services	Supplies and Expenses	
1. Operations	\$ 2.27	\$ 78,002	\$ 64,221	\$ 13,781	
2. Maintenance	\$ 0.84	\$ 28,893	\$ 25,189	\$ 3,704	
3. Fuel	\$ 1.07	\$ 36,757	\$ -	\$ 36,757	
4. Utilities	\$ 0.86	\$ 29,449	\$ -	\$ 29,449	
5. Other	\$ -	\$ -	\$ -	\$ -	
<b>TOTAL ESTIMATED OPERATIONAL COST/SAVINGS</b>	<b>\$ 5.03</b>	<b>\$ 173,101</b>	<b>\$ 89,410</b>	<b>\$ 83,691</b>	

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

N/A

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

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**PROJECT SUMMARY AND DESCRIPTION**  
**AGRICULTURAL AND LIFE SCIENCES FACILITY PHASE I**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-13-1-02
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	N/A
<b>Previously approved by General Assembly:</b>	No	<b>Previously recommended by CHE:</b>	No
<b>Part of the Institution's Long-term Capital Plan:</b>	Yes		

**Project Summary Description:**

The Agricultural and Life Sciences Building will be a state-of-the-art facility that will consolidate Animal Sciences students, faculty and staff into a unified complex that will facilitate synergies in learning, outreach, and discovery in a collaborative environment. The Agricultural and Life Sciences Building will address research, extension and education in animal and life sciences. The project will construct modern research and teaching space serving the Department of Animal Sciences and provide researchers with an environment for scientific preeminence and a world class teaching facility. This facility will replace part or all of four facilities thereby eliminating \$19.9M of deferred R&R.

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

This facility will provide students with rigorous, relevant, cutting edge education that will prepare them for a lifetime of learning and career achievement. External reviews of the Department of Animal Sciences have acknowledged the department's progress, but point to a major critical limitation – the quantity and quality of space for educational programs and for research. New, state-of-the-art facilities are essential to attract top tier students and continue as a premier Animal Sciences program on a national level. New facilities will foster greater multidisciplinary collaboration among faculty in a variety of departments within the Colleges of Agriculture, Engineering, Health and Human Sciences, and Veterinary Medicine.

<b>Project Size:</b>	92,727 GSF	51,000 ASF	0.55 ASF/GSF
<b>Net change in overall campus space:</b>	19,946 GSF	-2,028 ASF	

<b>Total cost of the project (1):</b>	\$ 46,000,000 *	<b>Cost per ASF/GSF:</b>	\$ 496.08 GSF
			\$ 901.96 ASF

<b>Funding Source(s) for project (2):</b>	\$ 26,000,000	Gift Funds, derived from new campaign gifts
	\$ 20,000,000	Capital Reserve for Buildings, derived from year end balances from F&A Cost Recovery (available 2014-2016: \$14M in 2014, \$4M in 2015, and \$2M in 2016)

**Estimated annual debt payment (4):** N/A

**Are all funds for the project secured:** No

**Estimated annual change in cost of building operations based on the project:** \$ 728,972 \*\*

**Estimated annual repair and rehabilitation investment (3):** \$ 690,000 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 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

\* The project cost is based on 2015 projections and includes the cost of demolition of the Food Stores Building, Building Services and Grounds Facility, and USDA Polyhouse.

\*\* Does not include the net reduction in operating costs due to terminated space.

**PROJECT DETAILED DESCRIPTION - ADDITIONAL INFORMATION**  
**AGRICULTURAL AND LIFE SCIENCES FACILITY PHASE I**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-13-1-02
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	N/A

**Description of Project**

The Agricultural and Life Sciences Building will be a state of the art facility that will consolidate Animal Sciences students, faculty and staff into a unified complex that will facilitate synergies in learning, outreach, and discovery in a collaborative environment. The Agricultural and Life Sciences Building will address research, extension and education in animal and life sciences. The project will construct modern research and teaching space serving the Department of Animal Sciences and provide researchers with an environment for scientific preeminence and a world class teaching facility.

A major focus of Purdue’s long term Capital Plan is to co-locate Life Sciences education and research into the Life and Health Sciences Park on Purdue’s South Academic Campus. Replacement of Animal Sciences program space in Lilly Hall (LILY) is a prerequisite to demolishing the south wing of this structure and eliminating its deferred R&R liability (\$19.9M) as part of a balanced capital approach. Also, the replacement of Animal Sciences space in Poultry Science (POUL), Poultry Science Annex (POAN), and Smith Hall (SMTH) will move Purdue closer to decommissioning outdated facilities, as part of the 10-Year Capital Plan.

Over the past several years, other campus locations were explored for the Agricultural and Life Sciences Building; but options were limited by the magnitude of the current and future needs of Animal Sciences, the purposeful adjacency to other Agriculture Programs as stated in the College of Agriculture Master Plan, and the planned proximity to other Life Sciences departments and colleges.

Although renovation of existing space is a preferred approach for meeting the space needs of academic departments, there was no single facility that could accommodate the Animal Sciences program. The University investigated renovating Lilly Hall to continue to house a part of the program but found that it did not lend itself to state-of-the-art renovations and the long-term cost was prohibitive.

The Agricultural and Life Sciences Building will be the first step in a three-phase project to consolidate the Animal Sciences program into a cohesive complex. Animal Sciences is currently scattered across six buildings, not including the farms. The new facility will consolidate departmental space now located in four of those buildings: LILY, SMTH, the POUL and POAN. In future phases, Animal Sciences Teaching Lab (ASTL) and the Life Sciences Animal Facility (LSA) will be removed and replaced as part of the future consolidated complex.

**Need and Purpose of the Program**

As a land-grant institution, Purdue continues to honor its historic mission, as set forth in the 1862 Morrill Act, to focus on the teaching of practical agriculture, as well as science and engineering. The Department of Animal Sciences facilitates scientific research and technology transfer for efficient and sustainable production of high quality animal and their products; and provides leadership and inspiration to educate individuals to anticipate and respond to challenges facing global animal industries. Indiana agricultural industries rely on Purdue faculty and staff to deliver up to date knowledge to maintain Indiana’s vibrant livestock economy. This facility will position our students in the forefront of the Animal Sciences field, preparing them for a lifetime of learning and career achievement.

New facilities will foster greater multidisciplinary collaboration among faculty in a variety of departments within the Colleges of Agriculture, Engineering, Health and Human Sciences, and Veterinary Medicine. External reviews of the Department of Animal Sciences have acknowledged the department’s progress, but point to a major critical limitation – the quantity and quality of space for educational programs and for research. New, state-of-the-art facilities are essential to attract top tier students and continue as a premier Animal Sciences program on a national level.

The impact of not moving forward with this project would be detrimental to the advancement of the Animal Sciences program; causing it to fall below the expectations of future students, the Indiana agricultural community and Purdue University.

**Space Utilization**

The Agricultural and Life Sciences Building will slightly decrease the overall area of campus by 2,028 assignable square feet (asf). The project will add a 51,000 asf new facility, but requires the demolition of Building Services and Grounds (BSG) and the Food Stores Building (FOOD) to clear the site, and includes the subsequent demolition of Poultry Science (POUL) and Poultry Science Annex (POAN). This project also clears the way for the planned demolition of the south wing of Lilly Hall (LILY), and the east wing of Smith Hall (SMTH), as part of an informed capital plan. The Agricultural and Life Sciences Building will create an improvement in functional utilization by collocating facilities and replacing outdated labs and offices that no longer meet the needs of our students and investigators with modern and efficient research, teaching and office space.

**Comparable Projects**

Bindley Bioscience Center Addition - this project is a disease research-focused building that will enhance the existing capabilities of Birck Nanotechnology, Center for Cancer Research, Biomedical Engineering and Structural Biology to integrate scientific expertise from the molecular level through animal disease modeling. The project is 28,603 GSF, \$555.89/GSF; 18,503 ASF, \$859.32/ASF. Total Project Cost is \$15.9M; Construction Cost \$12.4M.

**Background Materials**

Funding Plan - \$46,000,000:

Gift Funds (Agriculture), \$26,000,000, New campaign gifts

Capital Reserve for Buildings, \$20,000,000, Year end balances from F&A Cost Recovery (available 2014-2016: \$14M in 2014, \$4M in 2015, and \$2M in 2016)

**CAPITAL PROJECT REQUEST FORM**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**INSTITUTION CAMPUS SPACE DETAILS FOR AGRICULTURAL AND LIFE SCIENCES FACILITY PHASE I**

Agricultural and Life Sciences Building Phase I B-1-13-1-02	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
<b>A. OVERALL SPACE IN ASF</b>							
Classroom (110 & 115)	279,963	-	2,678	282,641	-	2,160	284,801
Class Lab (210,215,220,225,230,235)	555,732	-	(724)	555,008	-	4,390	559,398
Non-class Lab (250 & 255)	1,420,040	-	50,821	1,470,861	5,872	23,440	1,488,429
Office Facilities (300)	2,053,115	1,102	56,350	2,110,567	12,616	15,600	2,113,551
Study Facilities (400)	392,579	-	5,400	397,979	-	-	397,979
Special Use Facilities (500)	1,037,900	58,635	20,857	1,117,392	-	-	1,117,392
General Use Facilities (600)	836,634	1,433	31,055	869,122	777	-	868,345
Support Facilities (700)	3,032,422	21,800	(11,947)	3,042,275	33,763	5,410	3,013,922
Health Care Facilities (800)	76,330	-	-	76,330	-	-	76,330
Resident Facilities (900)	2,274,683	-	75,800	2,350,483	-	-	2,350,483
Unclassified (000)	83,456	(14,182)	-	69,274	-	-	69,274
<b>B. OTHER FACILITIES</b> (Please list major categories)							
<b>TOTAL SPACE</b>	<b>12,042,854</b>	<b>68,788</b>	<b>230,290</b>	<b>12,341,932</b>	<b>53,028</b>	<b>51,000</b>	<b>12,339,904</b>

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: Northwest Athletics Complex Phase I, RSC Renovation/Addition

Space planned and funded includes: Bailey Hall, BIND Addition, Center for Student Excellence and Leadership, Drug Discovery Facility, Health and Human Sciences Facility, Herrick Labs Center for Advanced Acoustics, Vawter Field Housing

Space to be terminated includes: BSG, FOOD, POAN, POUL

**CAPITAL PROJECT COST DETAILS**  
**AGRICULTURAL AND LIFE SCIENCES FACILITY PHASE I**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-13-1-02
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	N/A

**ANTICIPATED CONSTRUCTION SCHEDULE**

	<b>Month</b>	<b>Year</b>
<b>Bid Date</b>	March	2014
<b>Start Construction</b>	July	2014
<b>Occupancy (End Date)</b>	February	2016

**ESTIMATED CONSTRUCTION COST FOR PROJECT**

	<b>Cost Basis (1)</b>	<b>Estimated Escalation Factors (2)</b>	<b>Project Cost</b>
<b>Planning Costs</b>			
a. Engineering			\$ 1,500,000
b. Architectural			\$ 1,200,000
c. Consulting			\$ 450,000
<b>Construction</b>			
a. Structure			\$ 15,120,000
b. Mechanical (HVAC, plumbing, etc.)			\$ 15,900,000
c. Electrical			\$ 3,500,000
<b>Movable Equipment</b>			\$ 920,000
<b>Fixed Equipment</b>			\$ 1,480,000
<b>Site Development/Land Acquisition</b>			\$ 3,430,000 *
<b>Other (PM and S&amp;T Fees, Insurance and Contingencies)</b>			\$ 2,500,000
<b>TOTAL ESTIMATED PROJECT COST</b>	\$ -	\$ -	\$ 46,000,000

(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

\* Includes \$1,130,000 of demolition costs

**CAPITAL PROJECT OPERATING COST DETAILS  
AGRICULTURAL AND LIFE SCIENCES FACILITY PHASE I**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-13-1-02
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	N/A

<u>ANNUAL OPERATING COST/SAVINGS (1)</u>	<u>GSF OF AREA AFFECTED BY PROJECT</u>			
	Cost per GSF	Total Operating Cost	Personnel Services	Supplies and Expenses
1. Operations	\$ 3.95	\$ 366,093	\$ 324,018	\$ 42,075
2. Maintenance	\$ 1.18	\$ 109,054	\$ 98,709	\$ 10,345
3. Fuel	\$ 1.57	\$ 146,038	\$ -	\$ 146,038
4. Utilities	\$ 1.16	\$ 107,787	\$ -	\$ 107,787
5. Other	\$ -	\$ -	\$ -	\$ -
<b>TOTAL ESTIMATED OPERATIONAL COST/SAVINGS</b>	<b>\$ 7.86</b>	<b>\$ 728,972</b>	<b>\$ 422,727</b>	<b>\$ 306,245</b>

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

Does not include the net reduction in operating costs due to terminated space.

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

**PROJECT SUMMARY AND DESCRIPTION**  
**BIOCHEMISTRY ANNEX THIRD FLOOR RENOVATION**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-13-2-03
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	N/A
<b>Previously approved by General Assembly:</b>	No	<b>Previously recommended by CHE:</b>	No
<b>Part of the Institution's Long-term Capital Plan:</b>	Yes		

**Project Summary Description:**

This project will renovate the existing lab space on the third floor of the Biochemistry Building Annex. Partition walls will be removed and space will be reconfigured to create a flexible, open concept laboratory space and two offices. Existing mechanical systems will be replaced and upgraded as needed to support research.

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

The primary contribution of the renovation of this space to the education mission of the Department of Biochemistry will be in the form of additional laboratory space for graduate student training. The department's undergraduate program attracts top quality students and trains them to their full potential. One important component of this training is the requirement that students complete a capstone experience that requires them to perform a research project in a faculty member's laboratory. The conviction that this is an important part of students' undergraduate education sets a cap on the size of our excellent undergraduate program. As a result, the renovation of this space, and the recruitment of additional new faculty into this space will have a positive influence on not only our graduate program but our undergraduate program as well.

<b>Project Size:</b>	5,686 GSF	N/A ASF	N/A ASF/GSF
<b>Net change in overall campus space:</b>	0 GSF	0 ASF	

<b>Total cost of the project (1):</b>	\$ 4,000,000 *	<b>Cost per ASF/GSF:</b>	\$ 703.48 GSF
			N/A ASF

<b>Funding Source(s) for project (2):</b>	\$ 3,000,000	Repair and Rehabilitation, derived from F&A Recovery
	\$ 1,000,000	Repair and Rehabilitation - University General Funds, derived from Student Fees designated for R&R

<b>Estimated annual debt payment (4):</b>	N/A
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<b>Are all funds for the project secured:</b>	Yes
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<b>Estimated annual change in cost of building operations based on the project:</b>	\$ -
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<b>Estimated annual repair and rehabilitation investment (3):</b>	N/A
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(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

\* Cost based on 2015 projections

**PROJECT DETAILED DESCRIPTION - ADDITIONAL INFORMATION**  
**BIOCHEMISTRY ANNEX THIRD FLOOR RENOVATION**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-13-2-03
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	N/A

**Description of Project**

The third floor of Biochemistry was originally designed as a containment facility for virus work. Not only does it no longer meet those requirements for air handling etc., there is considerable wear and tear to the interior space due to extensive past use making it unsuitable for use for any faculty member. This project will renovate existing lab space in the Biochemistry Building. The casework, sinks, ceiling and flooring, and mechanical systems will be brought up to current standards for research. The room layout will be changed to create flexible research areas and to allow for fluctuations in occupancy. The facility will provide researchers with an environment conducive for scientific preeminence, provide a world class education, and develop interdisciplinary and multi-institutional teams to solve real-world problems.

The laboratory renovation component of this project will be similar to recent renovations carried out in other areas of the Biochemistry building. Those labs were brought up to current standards for the type of research being conducted by the faculty. The replacement of the air handling system will result in a conversion of a biological containment area to a laboratory more commonly found in the Biochemistry building.

**Need and Purpose of the Program**

This project is essential for the Department of Biochemistry to be successful in hiring the best faculty candidates who typically are recruited heavily and competitively by other institutions. These same excellent faculty candidates have the highest chances of being successful in obtaining federal research funding. As a result, it is clear that the renovation of this space is well aligned with efforts at increasing the sponsored program portfolio of the university as part of the decadal funding plan. The proposed renovation fits within the Campus Master Plan and a recently completed College of Agriculture Master plan. Both of these plans will be integrated and help establish the timing and funding sources of future capital projects. The Campus Master Plan features the Biochemistry Building as a permanent fixture for the foreseeable future. As a result, it can be concluded that its renovation will be an investment whose value will be realized over at least the next twenty years. Within the context of the department's research mission, the 2010 NIFA External Review Team recommended that "Continued renovation of laboratory space and the possibility to do some new faculty hiring are opportunities to further strengthen the department."

The proposed renovation will provide the high quality research space that will allow the department to be successful in recruitments. During the fall of 2011, the Biochemistry department tried to recruit a leading faculty hire in epigenetics. While the leading faculty was very positive about their interactions with Biochemistry, they eventually decided to join another institution. One of the cited reasons was that the 3rd floor space would not be available for another year. Space within the Department of Biochemistry is nearly fully allocated, and will be completely allocated over the next 3-4 years with the standard hires. To take advantage of opportunities to recruit leading faculty or cluster hire candidates, it is essential that Biochemistry have additional space to recruit faculty into.

The primary contribution of the renovation of this space to the education mission of the Department of Biochemistry will be in the form of additional laboratory space for graduate student training. In addition, it should be noted that in three of the last four years, undergraduate students from the Department of Biochemistry were awarded three of the four available awards for Outstanding Freshman, Sophomore, Junior and Senior in the College of Agriculture. Last year, Purdue University's Flora Roberts Award went to a graduating senior from the Department of Biochemistry. The department's undergraduate program attracts students that are above the university average and trains them to their full potential. One important component of this training is the requirement that students complete a capstone experience that requires them to perform a research project in a faculty member's laboratory. The conviction that this is an important part of students' undergraduate education sets a cap on the size of our excellent undergraduate program. As a result, the renovation of this space, and the recruitment of additional new faculty into this space will have a positive influence on not only our graduate program but our undergraduate program as well. The project would support the ability of faculty to secure research funding and would also allow students and faculty more opportunity to interact in a cutting-edge laboratory environment. Biochemistry engages undergraduate and graduate student in the environment of their area of study. Adequate laboratory facilities allow hands-on experience for the undergraduates working with internationally known researchers.

**Space Utilization**

The renovation may be able capture a small area of circulation space (118 ASF) for use as assignable lab space, but will leave the overall allocation of space on campus largely unchanged. Space within the Department of Biochemistry is nearly fully allocated, and will be completely allocated once the department's hiring plan is executed over the next 3-4 years. The location of the Biochemistry Building within the Life and Health Sciences Park supports that renovation of this space should be a high priority.

**Comparable Projects**

This project is roughly comparable to the two phase Heine Pharmacy Renovation which renovated roughly 7600 square feet of lab space at a cost of \$3.8 million.

**Background Materials**

Funding Plan - \$4,000,000:

Repair and Rehabilitation - \$3,000,000, derived from F&A Recovery

Repair and Rehabilitation - University General Funds, \$1,000,000, derived from Student Fees designated for R&R

**CAPITAL PROJECT REQUEST FORM**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**INSTITUTION CAMPUS SPACE DETAILS FOR BIOCHEMISTRY ANNEX THIRD FLOOR RENOVATION**

Biochemistry Annex Third Floor Renovation B-1-13-2-03	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
<b>A. OVERALL SPACE IN ASF</b>							
Classroom (110 & 115)	279,963	-	2,678	282,641	-	-	282,641
Class Lab (210,215,220,225,230,235)	555,732	-	(724)	555,008	-	-	555,008
Non-class Lab (250 & 255)	1,420,040	-	50,821	1,470,861	-	118	1,470,979
Office Facilities (300)	2,053,115	1,102	56,350	2,110,567	-	-	2,110,567
Study Facilities (400)	392,579	-	5,400	397,979	-	-	397,979
Special Use Facilities (500)	1,037,900	58,635	20,857	1,117,392	-	-	1,117,392
General Use Facilities (600)	836,634	1,433	31,055	869,122	-	-	869,122
Support Facilities (700)	3,032,422	21,800	(11,947)	3,042,275	-	-	3,042,275
Health Care Facilities (800)	76,330	-	-	76,330	-	-	76,330
Resident Facilities (900)	2,274,683	-	75,800	2,350,483	-	-	2,350,483
Unclassified (000)	83,456	(14,182)	-	69,274	-	-	69,274
<b>B. OTHER FACILITIES</b> (Please list major categories)							
<b>TOTAL SPACE</b>	<b>12,042,854</b>	<b>68,788</b>	<b>230,290</b>	<b>12,341,932</b>	<b>-</b>	<b>118</b>	<b>12,342,050</b>

**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: Northwest Athletics Complex Phase I, RSC Renovation/Addition

Space planned and funded includes: Bailey Hall, BIND Addition, Center for Student Excellence and Leadership, Drug Discovery Facility, Health and Human Sciences Facility, Herrick Labs Center for Advanced Acoustics, Vawter Field Housing

Space to be terminated includes:

**CAPITAL PROJECT COST DETAILS**  
**BIOCHEMISTRY ANNEX THIRD FLOOR RENOVATION**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-13-2-03
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	N/A

**ANTICIPATED CONSTRUCTION SCHEDULE**

	<u>Month</u>	<u>Year</u>
<b>Bid Date</b>	July	2013
<b>Start Construction</b>	August	2013
<b>Occupancy (End Date)</b>	June	2014

**ESTIMATED CONSTRUCTION COST FOR PROJECT**

	<u>Cost Basis (1)</u>	<u>Estimated Escalation Factors (2)</u>	<u>Project Cost</u>
<b><u>Planning Costs</u></b>			
a. Engineering			\$ 100,000
b. Architectural			\$ 250,000
c. Consulting			\$ -
<b><u>Construction</u></b>			
a. Structure			\$ 1,000,000
b. Mechanical (HVAC, plumbing, etc.)			\$ 1,000,000
c. Electrical			\$ 750,000
<b><u>Movable Equipment</u></b>			\$ 275,000
<b><u>Fixed Equipment</u></b>			\$ 275,000
<b><u>Site Development/Land Acquisition</u></b>			\$ -
<b><u>Other (Controls, PM and S&amp;T Fees, Insurance and Contingencies)</u></b>			\$ 350,000
<b>TOTAL ESTIMATED PROJECT COST</b>		\$ -	\$ 4,000,000

(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

**CAPITAL PROJECT OPERATING COST DETAILS**  
**BIOCHEMISTRY ANNEX THIRD FLOOR RENOVATION**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-13-2-03
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	N/A

<u>ANNUAL OPERATING COST/SAVINGS (1)</u>					<u>GSF OF AREA AFFECTED BY PROJECT</u>		5,686
	Cost per GSF	Total Operating Cost	Personnel Services	Supplies and Expenses			
1. Operations	\$ 1.96	\$ 11,156	\$ 8,537	\$ 2,619			
2. Maintenance	\$ 0.36	\$ 2,073	\$ 1,807	\$ 266			
3. Fuel	\$ 2.42	\$ 13,787	\$ -	\$ 13,787			
4. Utilities	\$ 1.64	\$ 9,347	\$ -	\$ 9,347			
5. Other	\$ -	\$ -	\$ -	\$ -			
<b>TOTAL ESTIMATED OPERATIONAL COST/SAVINGS</b>	<b>\$ 6.40</b>	<b>\$ 36,363</b>	<b>\$ 10,344</b>	<b>\$ 26,019</b>			

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

N/A

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

**PROJECT SUMMARY AND DESCRIPTION**  
**HONORS COLLEGE RESIDENCE HALL AND DINING**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-13-1-05
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	N/A
<b>Previously approved by General Assembly:</b>	No	<b>Previously recommended by CHE:</b>	No
<b>Part of the Institution's Long-term Capital Plan:</b>	Yes		

**Project Summary Description:**

Construct a 300-400 bed suite-style residence hall plus a 150-seat addition to either the Wiley or Windsor Dining Court. This facility will support the vision for a residential Honors College learning environment. This physical space will integrate learning and enhance student academic success. The facility will support faculty and staff on site as well as integrate classroom space on location.

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

The residential Honors College at Purdue will provide a multi-year living-learning community that attracts high ability students and promotes academic and life-long success in leadership and citizenship. Honors students are retained in residence hall housing at twice the rate of the overall campus and have a four year graduation rate of nearly twice the University average. Thus, 500 first-year honors students results in 1000+ residential honors students over the four year experience, creating demand beyond the residence hall system's current capacity.

**Project Size:** 175,000 GSF      113,908 ASF      0.65 ASF/GSF

**Net change in overall campus space:** 175,000 GSF      114,570 ASF

**Total cost of the project (1):** \$ 62,900,000 \*      **Cost per ASF/GSF:** \$ 359.43 GSF  
 \$ 552.20 ASF

**Funding Source(s) for project (2):**  
 \$ 52,900,000 - IC 21-35-3 as supplemented by IC 21-35-5 Bonding Authority, derived from Revenue Bonds issued by Housing & Food Services  
 \$ 10,000,000 - Gift Funds, derived from new campaign gifts

**Estimated annual debt payment (4):** \$ 4,518,903

**Are all funds for the project secured:** No

**Estimated annual change in cost of building operations based on the project:** \$ 440,047

**Estimated annual repair and rehabilitation investment (3):** \$ 943,500 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 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  
 \* The project cost is based on 2015 projections and includes the cost of demolition of Brownstone Apartments.

**PROJECT DETAILED DESCRIPTION - ADDITIONAL INFORMATION**  
**HONORS COLLEGE RESIDENCE HALL AND DINING**

<b><u>Institution:</u></b>	Purdue University	<b><u>Budget Agency Project No.:</u></b>	B-1-13-1-05
<b><u>Campus:</u></b>	West Lafayette	<b><u>Institutional Priority:</u></b>	N/A

**Description of Project**

The residential Honors College at Purdue will provide a multi-year living-learning community that attracts high ability students and promotes academic and life-long success in leadership and citizenship. This will be the first truly integrated residential college at Purdue, the first Honors College at Purdue and will be designed to maintain the historical significance of the adjacent Windsor residence halls. The project will construct a 300-400 bed residence hall plus a 150-seat addition to either the Wiley or Windsor Dining Court, offices for faculty and staff and classroom/program spaces. This facility will support the residential Honors College learning environment. This physical space launches a new model that integrates living and learning with a goal of enhancing student academic success. The most favorable site for this facility also helps to bridge the academic and residential parts of campus. This facility also will tie programmatically with Vawter Field Housing and The Windsor Halls which are also slated to house honors students.

**Need and Purpose of the Program**

The project is a key part of the overall academic strategic plan to improve student success and graduation rates. The facilities component of the strategic plan focuses on creating academic and residential integration along the Third Street corridor. Related projects include the Center for Student Excellence and Leadership, the Vawter Field residences, future undergraduate laboratory space and the existing Black Cultural Center. Honors students are retained in residence hall housing at twice the rate of the overall campus and have a four year graduate rate of nearly twice the University average. Thus, 500 first-year honors students results in 1000+ residential honors students over the four year experience, creating demand beyond the residence hall system's current capacity. The integrated academic and residential multi-year environment is a key component to promote academic success. The Honors College will be a model for experimentation and academic integration for the entire Purdue residential life community. The Honors College residential space will be designed with multiple housing options within the same facility. The Honors College at Purdue will be a low-cost option for high ability Indiana students as compared to private and out-of-state alternatives. It will also be an attractive option to continue to recruit outstanding out-of-state students. This project is financially modeled upon the current Vawter Field Housing project at a break-even cost with additional capacity for donor funds to underwrite a portion of the project. There should be little or no impact on student cost of attendance at Purdue.

**Space Utilization**

This project would add 300-400 beds to the existing stock of approximately 11,800 on-campus beds within the University Residences, along with support space typical of a residence hall (student activity spaces and office/operational spaces for housing staff). Additionally, the project would include office and related spaces for Honors College staff along with +/- eight multi-purpose classrooms that would primarily support Honors College instructional activity but could be used for any University instructional activity. Recent demand studies have suggested there would be demand for these additional beds, although the additional capacity, in the short run, might be used to allow some other, older residence halls to be taken off line for renovation work. This project includes demolition of Brownstone Apartments to make way for this new construction. The Brownstone site is ideally situated between the academic campus and the residential campus and thus provides easy access to both for faculty and student interaction. Honors is currently housed in temporary space in Beering Hall; therefore, 1,758 square feet of space in Beering Hall will be reallocated when this project is complete.

**Comparable Projects**

The project is the first to truly integrate residential and academic life and will serve as a model for future integration of academic and residential student learning. The building will contain multiple residential room types, classrooms and academic offices. Vawter Field Housing and the renovated Windsor facilities are somewhat comparable.

**Background Materials**

Funding Plan - \$62,900,000:  
 Bonding Authority - Non Fee Replaced, \$52,900,000, Revenue Bonds issued by Housing & Food Services  
 Gift Funds (Honors College), \$10,000,000, New campaign gifts

**CAPITAL PROJECT REQUEST FORM**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**INSTITUTION CAMPUS SPACE DETAILS FOR HONORS COLLEGE RESIDENCE HALL AND DINING**

Honors College Residence Hall and Dining B-1-13-1-05	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
<b>A. OVERALL SPACE IN ASF</b>							
Classroom (110 & 115)	279,963	-	2,678	282,641	-	-	282,641
Class Lab (210,215,220,225,230,235)	555,732	-	(724)	555,008	-	-	555,008
Non-class Lab (250 & 255)	1,420,040	-	50,821	1,470,861	-	-	1,470,861
Office Facilities (300)	2,053,115	1,102	56,350	2,110,567	-	3,750	2,114,317
Study Facilities (400)	392,579	-	5,400	397,979	-	-	397,979
Special Use Facilities (500)	1,037,900	58,635	20,857	1,117,392	-	-	1,117,392
General Use Facilities (600)	836,634	1,433	31,055	869,122	-	9,188	878,310
Support Facilities (700)	3,032,422	21,800	(11,947)	3,042,275	-	-	3,042,275
Health Care Facilities (800)	76,330	-	-	76,330	-	-	76,330
Resident Facilities (900)	2,274,683	-	75,800	2,350,483	-	100,970	2,451,453
Unclassified (000)	83,456	(14,182)	-	69,274	-	-	69,274
<b>B. OTHER FACILITIES</b> (Please list major categories)							
<b>TOTAL SPACE</b>	<b>12,042,854</b>	<b>68,788</b>	<b>230,290</b>	<b>12,341,932</b>	<b>-</b>	<b>113,908</b>	<b>12,455,840</b>

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: Northwest Athletics Complex Phase I, RSC Renovation/Addition

Space planned and funded includes: Bailey Hall, BIND Addition, Center for Student Excellence and Leadership, Drug Discovery Facility, Health and Human Sciences Facility, Herrick Labs Center for Advanced Acoustics, Vawter Field Housing

Space to be terminated includes:

**CAPITAL PROJECT COST DETAILS**  
**HONORS COLLEGE RESIDENCE HALL AND DINING**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-13-1-05
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	N/A

**ANTICIPATED CONSTRUCTION SCHEDULE**

	<b>Month</b>	<b>Year</b>
<b>Bid Date</b>	October	2014
<b>Start Construction</b>	November	2014
<b>Occupancy (End Date)</b>	May	2016

**ESTIMATED CONSTRUCTION COST FOR PROJECT**

	<b>Cost Basis (1)</b>	<b>Estimated Escalation Factors (2)</b>	<b>Project Cost</b>
<b>Planning Costs</b>			
a. Engineering			\$ 1,430,000
b. Architectural			\$ 1,900,000
c. Consulting			\$ 495,000
<b>Construction</b>			
a. Structure			\$ 23,000,000
b. Mechanical (HVAC, plumbing, etc.)			\$ 21,000,000
c. Electrical			\$ 4,900,000
<b>Movable Equipment</b>			\$ 1,200,000
<b>Fixed Equipment</b>			\$ 1,700,000
<b>Site Development/Land Acquisition</b>			\$ 3,400,000 *
<b>Other (PM and S&amp;T Fees, Insurance and Contingencies)</b>			\$ 3,875,000
<b>TOTAL ESTIMATED PROJECT COST</b>	\$ -	\$ -	\$ 62,900,000

(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

\* Includes \$350,000 of demolition costs

**CAPITAL PROJECT OPERATING COST DETAILS**  
**HONORS COLLEGE RESIDENCE HALL AND DINING**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-13-1-05
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	N/A

	<b><u>GSF OF AREA AFFECTED BY PROJECT</u></b>				<b>175,000</b>
<b><u>ANNUAL OPERATING COST/SAVINGS (1)</u></b>					
	<b>Cost per GSF</b>	<b>Total Operating Cost</b>	<b>Personnel Services</b>	<b>Supplies and Expenses</b>	
1. Operations	\$ 0.55	\$ 95,849	\$ 58,366	\$ 37,483	
2. Maintenance	\$ -	\$ -	\$ -	\$ -	
3. Fuel	\$ 0.80	\$ 139,839	\$ -	\$ 139,839	
4. Utilities	\$ 1.17	\$ 204,359	\$ -	\$ 204,359	
5. Other	\$ -	\$ -	\$ -	\$ -	
<b>TOTAL ESTIMATED OPERATIONAL COST/SAVINGS</b>	<b>\$ 2.51</b>	<b>\$ 440,047</b>	<b>\$ 58,366</b>	<b>\$ 381,681</b>	

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

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

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**PROJECT SUMMARY AND DESCRIPTION**  
**SOFTBALL STADIUM**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-13-1-06
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	N/A
<b>Previously approved by General Assembly:</b>	No	<b>Previously recommended by CHE:</b>	No
<b>Part of the Institution's Long-term Capital Plan:</b>	Yes		

**Project Summary Description:**

Develop Phase II of the Northwest Athletics Site (NWS) to include construction of a new intercollegiate varsity softball stadium and related site work and infrastructure. Facility will include a playing field, bleachers, press box, locker rooms, meeting rooms and other necessary home and visiting team facilities. Also included are public restrooms and concessions, scoring system, sound system, competition field lights and parking. The stadium will be designed to hold 800-1,000 spectators with the ability to expand to the minimum capacity needed to host NCAA post-season competition. This is the final component of the Mackey Complex/NWS master plan developed in 2005-06 which is a continuation of Intercollegiate Athletics' 25-year facility master plan.

It is currently anticipated that the project will be funded from Intercollegiate Athletics revenue, either as cash or through Certificates of Participation (COPS) under IC 21-35-3 via a lease with the Ross-Ade Foundations.

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

The new stadium will allow Purdue's Softball program to stay abreast of and be competitive in the Big Ten Conference and nationally in the areas of recruiting, field quality, and fan and media amenities, and will allow ICA to meet and maintain Gender Equity goals in compliance with Title IX requirements.

**Project Size:** 22,495 GSF      10,910 ASF      0.48 ASF/GSF

**Net change in overall campus space:** 22,175 GSF      10,643 ASF

**Total cost of the project (1):** \$ 13,000,000 \*      **Cost per ASF/GSF:** N/A GSF  
N/A ASF

**Funding Source(s) for project (2):** \$ 13,000,000 Funded from Intercollegiate Athletics revenue, either as cash or through Certificates of Participation (COPS) under IC 21-35-3 via a lease with the Ross-Ade Foundation.

**Estimated annual debt payment (4):** \$ -

**Are all funds for the project secured:** No

**Estimated annual change in cost of building operations based on the project:** \$ 11,832

**Estimated annual repair and rehabilitation investment (3):** \$ 195,000 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 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  
\* Cost is based on 2015 projections

**PROJECT DETAILED DESCRIPTION - ADDITIONAL INFORMATION**  
**SOFTBALL STADIUM**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-13-1-06
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	N/A

**Description of Project**

Develop Phase II of the Northwest Athletics Site (NWAS) to include construction of a new intercollegiate varsity softball stadium and related site work and infrastructure. Facility will include a playing field, bleachers, press box, locker rooms, meeting rooms and other necessary home and visiting team facilities. Also included are public restrooms and concessions, scoring system, sound system, competition field lights and parking. The stadium will be designed to hold 800-1,000 spectators with the ability to expand to the minimum capacity needed to host NCAA post-season competition. This is the final component of the Mackey Complex/NWAS master plan developed in 2005-06 which is a continuation of Intercollegiate Athletics' 25-year facility master plan.

A renovation of current softball facility was considered as an alternative; however, the cost to renovate is significant and building a new facility at the NWAS meets the long-term goal of opening the current central location for other University needs. It is possible that the current site may become part of the footprint needed for the Energy Master Plan.

It is currently anticipated that the project will be funded from Intercollegiate Athletics revenue, either as cash or through Certificates of Participation (COPS) under IC 21-35-3 via a lease with the Ross-Ade Foundation.

ICA has a rolling 10-yr major maintenance plan which identifies major maintenance (R&R) projects for all of our facilities and schedules them into the plan. Project costs are funded by interest income generated by our Major Maintenance reserve (supplemented with departmental funds, if necessary). All new facilities are built into the plan.

The major factor influencing the cost is the condition of the soils at the NWAS. The soils are "unsuitable" for supporting building structures. This results in significant excavation and disposal of the soil which is backfilled with "engineered fill", all at a significant expense. Utilities and infrastructure will not have as much impact as it might have since there will be significant development of both as part of Phase I of the NWAS.

**Need and Purpose of the Program**

The new Softball stadium will allow Purdue's Softball program to stay abreast of and competitive in the Big Ten Conference and nationally in the areas of recruiting, field quality, and fan and media amenities, and will allow Athletics to meet and maintain gender equity goals.

If this project is not approved or recommended by the State, the most serious impact is the likelihood of a finding by the Office of Civil Rights that we are not in compliance with Title IX due to gender equity issues with the recent construction of a new baseball facility. Being in violation of Title IX jeopardizes the university's federal funding.

This project will have no impact on the cost of attendance to students.

**Space Utilization**

This project will replace the current Softball facility near the Student Fitness and Wellness Center. Relocation and replacement of the current facility is necessary to comply with Title IX, provide space for future expansion consistent with the Energy Master Plan, and continue the consolidation of athletic facilities at the Northwest Athletics Site (NWAS).

**Comparable Projects**

The comparable project would be the new Baseball stadium which is being built as part of Phase I of the development of the Northwest Athletic Site (project title - Northwest Athletics Complex Phase I - 2011). The Softball facility will be very similar to the Baseball facility but slightly smaller in footprint due to softball fields having smaller dimensions, i.e. shorter distances from home plate to the outfield walls. The Baseball stadium cost inflated to 2013 would be about \$14.8M compared to the \$13.5M estimate for this Softball stadium.

**Background Materials**

Funding Plan - \$13,000,000:

It is currently anticipated that the project will be funded from Intercollegiate Athletics revenue, either as cash or through Certificates of Participation (COPS) under IC 21-35-3 via a lease with the Ross-Ade Foundation.

**CAPITAL PROJECT REQUEST FORM  
INDIANA PUBLIC POSTSECONDARY EDUCATION  
INSTITUTION CAMPUS SPACE DETAILS FOR SOFTBALL STADIUM**

Softball Stadium B-1-13-1-06	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
<b>A. OVERALL SPACE IN ASF</b>							
Classroom (110 & 115)	279,963	-	2,678	282,641	-	-	282,641
Class Lab (210,215,220,225,230,235)	555,732	-	(724)	555,008	-	-	555,008
Non-class Lab (250 & 255)	1,420,040	-	50,821	1,470,861	-	-	1,470,861
Office Facilities (300)	2,053,115	1,102	56,350	2,110,567	-	-	2,110,567
Study Facilities (400)	392,579	-	5,400	397,979	-	-	397,979
Special Use Facilities (500)	1,037,900	58,635	20,857	1,117,392	267	9,845	1,126,970
General Use Facilities (600)	836,634	1,433	31,055	869,122	-	1,065	870,187
Support Facilities (700)	3,032,422	21,800	(11,947)	3,042,275	-	-	3,042,275
Health Care Facilities (800)	76,330	-	-	76,330	-	-	76,330
Resident Facilities (900)	2,274,683	-	75,800	2,350,483	-	-	2,350,483
Unclassified (000)	83,456	(14,182)	-	69,274	-	-	69,274
<b>B. OTHER FACILITIES</b> (Please list major categories)							
<b>TOTAL SPACE</b>	<b>12,042,854</b>	<b>68,788</b>	<b>230,290</b>	<b>12,341,932</b>	<b>267</b>	<b>10,910</b>	<b>12,352,575</b>

**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: Northwest Athletics Complex Phase I, RSC Renovation/Addition

Space planned and funded includes: Bailey Hall, BIND Addition, Center for Student Excellence and Leadership, Drug Discovery Facility, Health and Human Sciences Facility, Herrick Labs Center for Advanced Acoustics, Vawter Field Housing

Space to be terminated includes: VSPB

**CAPITAL PROJECT COST DETAILS**  
**SOFTBALL STADIUM**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-13-1-06
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	N/A

**ANTICIPATED CONSTRUCTION SCHEDULE**

	<b>Month</b>	<b>Year</b>
<b>Bid Date</b>	September	2013
<b>Start Construction</b>	November	2013
<b>Occupancy (End Date)</b>	March	2014

**ESTIMATED CONSTRUCTION COST FOR PROJECT**

	<b>Cost Basis (1)</b>	<b>Estimated Escalation Factors (2)</b>	<b>Project Cost</b>
<b><u>Planning Costs</u></b>			
a. Engineering			\$ 255,000
b. Architectural			\$ 415,000
c. Consulting			\$ 170,000
<b><u>Construction</u></b>			
a. Structure			\$ 6,000,000
b. Mechanical (HVAC, plumbing, etc.)			\$ 3,185,000
c. Electrical			\$ 975,000
<b><u>Movable Equipment</u></b>			\$ 260,000
<b><u>Fixed Equipment</u></b>			\$ 390,000
<b><u>Site Development/Land Acquisition</u></b>			\$ 650,000
<b><u>Other (PM and S&amp;T Fees, Insurance and Contingencies)</u></b>			\$ 700,000
<b>TOTAL ESTIMATED PROJECT COST</b>	\$ -	\$ -	\$ 13,000,000

(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

**CAPITAL PROJECT OPERATING COST DETAILS**  
**SOFTBALL STADIUM**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-13-1-06
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	N/A

	<b><u>GSF OF AREA AFFECTED BY PROJECT</u></b>				22,495
<b><u>ANNUAL OPERATING COST/SAVINGS (1)</u></b>					
	<b>Cost per GSF</b>	<b>Total Operating Cost</b>	<b>Personnel Services</b>	<b>Supplies and Expenses</b>	
1. Operations	N/A	\$ -	\$ -	\$ -	
2. Maintenance	N/A	\$ -	\$ -	\$ -	
3. Fuel	N/A	\$ 3,410	\$ -	\$ 3,410	
4. Utilities	N/A	\$ 8,422	\$ -	\$ 8,422	
5. Other	N/A	\$ -	\$ -	\$ -	
<b>TOTAL ESTIMATED OPERATIONAL COST/SAVINGS</b>	N/A	\$ 11,832	\$ -	\$ 11,832	

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

Operating Costs are based on 22,495 sf, but calculated at 26% due to low utilization factor

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

**PROJECT SUMMARY AND DESCRIPTION**  
**THERMAL ENERGY STORAGE TANK INSTALLATION**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-13-1-07
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	N/A
<b>Previously approved by General Assembly:</b>	No	<b>Previously recommended by CHE:</b>	No
<b>Part of the Institution's Long-term Capital Plan:</b>	Yes		

**Project Summary Description:**

The Comprehensive Energy Master Plan (CEMP) identified a shortage of chilled water production capacity. This project will be our first step in addressing this production shortage. The scope is to install an approximately 5 million gallon steel chilled water storage tank that will provide additional capacity by offsetting the peak demand requirements. Additionally, the tank can be charged at night when the electricity prices are less expensive, using the existing chillers in the Satellite Chiller Plant and Wade Utility Plant.

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

This project supports the comprehensive energy master plan (CEMP) developed for the West Lafayette campus. This plan was undertaken to identify and meet the long-term energy needs on the West Lafayette campus over the coming years. The resulting comprehensive energy master plan accommodates the current and planned growth in the campus physical plant. Additionally, the revised plan is cost efficient and has improved environmental and regulatory impacts.

<b>Project Size:</b>	N/A	GSF	N/A	ASF	N/A	ASF/GSF
<b>Net change in overall campus space:</b>	N/A	GSF	N/A	ASF		

<b>Total cost of the project (1):</b>	\$ 16,800,000 *	<b>Cost per ASF/GSF:</b>	N/A	GSF
			N/A	ASF

<b>Funding Source(s) for project (2):</b>	\$ 16,800,000	- Infrastructure Reserve, derived from year end balances and new recurring funds - F&A Cost Recovery (available 2013-14: \$9M in 2013 and \$7.8M in 2014)
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<b>Estimated annual debt payment (4):</b>	N/A
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<b>Are all funds for the project secured:</b>	Yes
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<b>Estimated annual change in cost of building operations based on the project:</b>	\$ 154,760
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<b>Estimated annual repair and rehabilitation investment (3):</b>	\$ 252,000	Based on total project cost
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(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

\* Cost is based on 2015 projections

**PROJECT DETAILED DESCRIPTION - ADDITIONAL INFORMATION**  
**THERMAL ENERGY STORAGE TANK INSTALLATION**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-13-1-07
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	N/A

**Description of Project**

The Comprehensive Energy Master Plan (CEMP) identified a shortage of chilled water production capacity. This project will be our first step in addressing this production shortage. The scope is to install an approximately 5 million gallon steel chilled water storage tank that will provide additional capacity by offsetting the peak demand requirements. Additionally, the tank can be charged at night when the electricity prices are less expensive, using the existing chillers in the Satellite Chiller Plant and Wade Utility Plant. The overarching goal of the CEMP was to assess the current status of Purdue's operations and develop a solid plan for the near-term that is aligned with future long-term campus energy requirements.

The CEMP looked at multiple alternates to the thermal energy storage tank, including building a new satellite chiller plant or changing operations at the current facilities. The thermal energy storage tank was the most cost effective, short term solution that also adds a very valuable asset to the chilled water system. The addition of a second Satellite Chiller Plant with three 2700-ton chillers alternative would require approximately 80% more capital funding to accomplish.

**Need and Purpose of the Program**

These projects are essential to support new construction on campus: Herrick Lab, Bindley Addition, Recreational Sports, Health and Human Sciences Research Facility, Drug Discovery Facility, Center for Student Excellence and Leadership, and Vawter Field Housing plus the projects identified in the Ten-Year Capital Plan.

With Purdue's strategic plans to significantly increase research, an economically sound and prudent approach is to add chilled water capacity to our district energy systems. Failure to add chilled water capacity will result in curtailment of chilled water to existing buildings and may limit planned expansion of building space that supports the academic and research mission of the university.

**Space Utilization**

This project does not impact existing space that is planned for academic buildings. The current project site is on the hillside just west of an existing electrical substation or just northwest of the softball field. This site is on the edge of campus near an existing electrical substation and a satellite chiller plant. It was strategically placed on the north end of campus for two main reasons:

1. This is where the chilled water shortage is most prevalent
2. It would be located near the Northwest Chiller Plant and Future Chiller Plant for operations considerations.

**Comparable Projects**

Due to the unique nature of the project, there aren't similar projects on campus involving a tank of this size. During the planning stages, similar projects were reviewed at LAX, UC Davis, District Energy in St. Paul, Minnesota, amongst others. This project is planned for 52,000 ton-hrs. of capacity. Similar projects for above ground steel tanks at University of Illinois, 50,000 ton-hrs., University of Texas, 30,000 ton-hrs., TECO in Houston, 64,285 ton-hrs., and Princeton, 40,000 ton-hrs., were used to validate size, cost, location on site, and the "look" of the tank.

**Background Materials**

Funding Plan - \$16,800,000:  
Infrastructure Reserve, derived from year end balances and new recurring funds - F&A Cost Recovery (available 2013-14: \$9M in 2013 and \$7.8M in 2014)

**CAPITAL PROJECT REQUEST FORM**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**INSTITUTION CAMPUS SPACE DETAILS FOR THERMAL ENERGY STORAGE TANK INSTALLATION**

Thermal Energy Storage Tank Installation B-1-13-1-07	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
<b>A. OVERALL SPACE IN ASF</b>							
Classroom (110 & 115)	279,963	-	2,678	282,641	-	-	282,641
Class Lab (210,215,220,225,230,235)	555,732	-	(724)	555,008	-	-	555,008
Non-class Lab (250 & 255)	1,420,040	-	50,821	1,470,861	-	-	1,470,861
Office Facilities (300)	2,053,115	1,102	56,350	2,110,567	-	-	2,110,567
Study Facilities (400)	392,579	-	5,400	397,979	-	-	397,979
Special Use Facilities (500)	1,037,900	58,635	20,857	1,117,392	-	-	1,117,392
General Use Facilities (600)	836,634	1,433	31,055	869,122	-	-	869,122
Support Facilities (700)	3,032,422	21,800	(11,947)	3,042,275	-	-	3,042,275
Health Care Facilities (800)	76,330	-	-	76,330	-	-	76,330
Resident Facilities (900)	2,274,683	-	75,800	2,350,483	-	-	2,350,483
Unclassified (000)	83,456	(14,182)	-	69,274	-	-	69,274
<b>B. OTHER FACILITIES</b> (Please list major categories)	-	-	-	-	-	-	-
<b>TOTAL SPACE</b>	<b>12,042,854</b>	<b>68,788</b>	<b>230,290</b>	<b>12,341,932</b>	<b>-</b>	<b>-</b>	<b>12,341,932</b>

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: Northwest Athletics Complex Phase I, RSC Renovation/Addition

Space planned and funded includes: Bailey Hall, BIND Addition, Center for Student Excellence and Leadership, Drug Discovery Facility, Health and Human Sciences Facility, Herrick Labs Center for Advanced Acoustics, Vawter Field Housing

Space to be terminated includes:

**CAPITAL PROJECT COST DETAILS**  
**THERMAL ENERGY STORAGE TANK INSTALLATION**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-13-1-07
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	N/A

**ANTICIPATED CONSTRUCTION SCHEDULE**

	<b>Month</b>	<b>Year</b>
<b>Bid Date</b>	February	2013
<b>Start Construction</b>	February	2013
<b>Occupancy (End Date)</b>	June	2014

**ESTIMATED CONSTRUCTION COST FOR PROJECT**

	<b>Cost Basis (1)</b>	<b>Estimated Escalation Factors (2)</b>	<b>Project Cost</b>
<b>Planning Costs</b>			
a. Engineering			\$ 900,000
b. Architectural			\$ -
c. Consulting			\$ -
<b>Construction</b>			
a. Structure			\$ 8,200,000
b. Mechanical (HVAC, plumbing, etc.)			\$ 3,000,000
c. Electrical			\$ 1,000,000
<b>Movable Equipment</b>			\$ -
<b>Fixed Equipment</b>			\$ -
<b>Site Development/Land Acquisition</b>			\$ 1,200,000
<b>Other (S&amp;T, PM fees, insurance, contingencies)</b>			\$ 2,500,000
<b>TOTAL ESTIMATED PROJECT COST</b>	\$ -	\$ -	\$ 16,800,000

(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

**CAPITAL PROJECT OPERATING COST DETAILS**  
**THERMAL ENERGY STORAGE TANK INSTALLATION**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-1-13-1-07
<b>Campus:</b>	West Lafayette	<b>Institutional Priority:</b>	N/A

<u>ANNUAL OPERATING COST/SAVINGS (1)</u>	<u>GSF OF AREA AFFECTED BY PROJECT</u>			
	Cost per GSF	Total Operating Cost	Personnel Services	Supplies and Expenses
1. Operations	N/A	\$ 10,578	\$ 4,058	\$ 6,520
2. Maintenance	N/A	\$ -	\$ -	\$ -
3. Fuel	N/A	\$ 39,394	\$ -	\$ 39,394
4. Utilities	N/A	\$ 104,788	\$ -	\$ 104,788
5. Other	N/A	\$ -	\$ -	\$ -
<b>TOTAL ESTIMATED OPERATIONAL COST/SAVINGS</b>	<b>N/A</b>	<b>\$ 154,760</b>	<b>\$ 4,058</b>	<b>\$ 150,702</b>

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

N/A

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

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**PROJECT SUMMARY AND DESCRIPTION**  
**STUDENT WELLNESS AND RECREATION CENTER**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-2-13-1-08
<b>Campus:</b>	Calumet	<b>Institutional Priority:</b>	N/A
<b>Previously approved by General Assembly:</b>	No	<b>Previously recommended by CHE:</b>	No
<b>Part of the Institution's Long-term Capital Plan:</b>	Yes		

**Project Summary Description:**

The Purdue University Calumet Student Wellness and Recreation Center and related fields is a project initiated at the request of the Student Government Association (SGA) Leadership. SGA Leadership, in order for the university to provide the educational experiences worthy of a Purdue degree, sees the need for additional recreational opportunities for undergraduate students as well as additional support for wellness initiatives for these students. As such, SGA Leadership is supportive of the implementation of a designated recreational and wellness fee, in addition to the normal tuition and fees increase. This designated fee would support the construction and operation of this building and related fields and the activities within and on it/them.. The increased level of functions and activities within this building and related fields would assist the University in progressing toward its Strategic Goal III, "Improve Student Success", by improving retention and graduation rates resulting from improved mental and physical health. It also would address the needs of Strategic Goal V, "Develop a Vibrant Campus Community", by providing additional opportunities for student involvement in campus life and making the campus more attractive to a diverse and better qualified student body.

The 49,000 GSF, two-story facility will contain an expanded Student Fitness Center, two multi-purpose fitness classrooms, intramural gymnasium and elevated running track, two racquetball courts, new and more appropriately designed office space for the Student Health Center, the Student Counseling Center and the Student Wellness Office, and space for functions in support of these operations. The facility would be located on the southern end of the campus, north side of 173rd street, across from University Housing and in the area designated by the 2008 Campus Master Plan as the on-campus starting point for a Campus Village development continued by the potential of private developers on non-university land. Currently, existing campus parking would support the facility.

The related recreational fields would be located east of existing university housing on the south side of 173rd Street about two and one-half blocks from the proposed recreational building location. This is the location identified in the 2008 Campus Master Plan. The fields would be composed of an artificial turf playing field suitable for both soccer and softball intramural use, a basketball court, tennis court, sand volleyball court and a quarter mile jogging path. Please Note: The total project cost (\$15,700,000) includes the development of three acres of land to create recreation fields at a total cost of \$1,449,500. The 'Cost Per ASF/GSF' reported below is based on the total project cost. If you deduct the total cost of the recreation fields from the total project cost and recalculate, the 'Cost Per ASF/GSF' would decrease to \$360/ASF and \$291/GSF.

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

This project will support the mental and physical wellbeing of the PUC student body thereby improving their academic performance and persistence (and therefore graduation). The project also provides adequate office space for the service units of Student Health Center, Counseling Center and Student Wellness Office.

**Project Size:** 49,000 GSF      39,604 ASF      0.81 ASF/GSF

**Net change in overall campus space:** 49,000 GSF      39,604 ASF

**Total cost of the project (1):** \$ 15,700,000 \*      **Cost per ASF/GSF:** \$ 320.41 GSF  
\$ 396.42 ASF

**Funding Source(s) for project (2):**      \$ 15,700,000 - IC 21-34-6 through 10 Bonding Authority Requested - Non-Fee Replaced, derived from Student Fees Assessed - Dedicated Student Fee

**Estimated annual debt payment (4):**      \$ 1,341,149

**Are all funds for the project secured:**      No

**Estimated annual change in cost of building operations based on the project:**      \$ 666,449

**Estimated annual repair and rehabilitation investment (3):**      \$ 235,500 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 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
- \* Cost is based on 2015 projections**

**PROJECT DETAILED DESCRIPTION - ADDITIONAL INFORMATION**  
**STUDENT WELLNESS AND RECREATION CENTER**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-2-13-1-08
<b>Campus:</b>	Calumet	<b>Institutional Priority:</b>	N/A

**Description of Project**

In the 2008 Purdue Calumet Campus Master Plan (Plan) prepared by Sasaki Associates Inc., the need for facilities to support additional student activities and services was clearly identified. The report states “A lively and active campus attracts good students, faculty, staff, and visitors, and helps retain and energize the current population, fostering a sense of community and continued growth.” The report notes that the space available for student recreation needs to be expanded and recommended a highly visible location along 173rd Street near the existing residential section of campus. The Plan also called for the development of outdoor recreational fields in the undeveloped space east of current University Housing along 173rd street. While the Plan envisioned a 55,200 GSF expansion of an existing facility on the south side of 173rd Street, this project calls for the creation of a new facility on the north side of 173rd Street to allow for the inclusion of the Student Health Center and Counseling Center and to remove the use conflicts between student recreation and the expanding intercollegiate athletic program. The proposed site for this project was identified within the Plan as the on-campus anchor site for the development of a privately developed Campus Village that would serve and expand the residential campus population and provide incentives for commuter students to remain on or near campus. The proposed facility would be able to serve this same purpose.

The 2008-2014 Purdue Calumet Strategic Plan set out goals to “Improve Student Success” (Goal III) and to “Develop a Vibrant Campus Community” (Goal V). Steps to achieve these goals included the improvement of retention and graduation rates, the development of additional opportunities for student involvement in campus life, and the expansion and improvement of facilities to meet the needs of students. It is believed that this project will assist the university in meeting these goals by increasing our students’ connection to campus and their commitment to completing their education.

The Purdue University Calumet Student Wellness and Recreation Center would be located on the southern end of the campus, facing 173rd Street northwest of the 746 bed University Village Housing complex. The facility would be designed to create a strong “street presence” along 173rd street and would allow visual access to those driving by, providing an indication of the vibrant and exciting activities taking place inside. The entranceway and lobby along with supporting facilities would provide an inviting location for students to congregate in this area of the campus. This 49,000 GSF two-story facility would contain an expanded Student Fitness Center, 2 multi-purpose fitness classrooms, intramural gymnasium and elevated running track, 2 racquetball courts, new homes for the Student Health Center, the Student Counseling Center and the Student Wellness Office, and space for functions in support of these operations. This facility would allow for greatly expanded Intramural activities. Currently existing parking would support the facility.

The related recreational fields would be located east of existing university housing on the south side of 173rd Street about two and one-half blocks from the proposed recreational building location. The fields would be composed of an artificial turf playing field suitable for both soccer and softball intramural use, a basketball court, tennis court, sand volleyball court and a quarter mile jogging path. The facility would allow for the expansion of organized intramural activities along with increased casual play. Use of artificial turf would expand the playing season for all activities. The project is estimated to cost \$ 15.7 million, including planning costs, project management, insurance and other soft costs. The project will be funded by a student-supported student recreation and wellness fee sufficient to construct, maintain, and operate the facility, as well as the Fitness Center and Intramural activities taking place within these facilities. (Operational support for the Student Health Center, Counseling Center, and Student Wellness Center would continue from current sources.) It is the Student Government Association Leadership’s intention that the creation of this student recreation and wellness fee would be phased in over a three year period and be above and in addition to any increase in general tuition and fee rates necessary for regular university operations. It is estimated that a fee equal to about 3.6% of current in-state undergraduate hourly tuition and fee rates spread over three years (1.2% per each year) would be sufficient for this purpose. The student recreation and wellness fee would only be applicable to undergraduate students, with individual graduate students eligible for membership upon payment of a semester based membership fees at a rate slightly higher than full-time undergraduates. If capacity allows, memberships for university employees and community members may be allowed upon payment of appropriate membership fees.

**Need and Purpose of the Program**

The project is a fulfillment of the goals of the 2008-2014 Strategic Plan and is consistent with the 2008 Campus Master Plan. The project should facilitate the goal of improving student retention (and therefore graduation) by providing student activity opportunities that should increase student connection to the campus. Students better connected to the campus are considered to be more likely to persist in their studies. This project also fulfills the goals laid out in the 2008 Campus Master Plan specific to student recreation and wellness. The project addresses the identified need for additional indoor and outdoor recreation space. It also brings together the primary offices responsible for student wellness: Student Health Center, Counseling Center, and Student Wellness Office. This project will support the mental and physical well being of the PUC student body thereby improving their academic performance and persistence. The project provides adequate office space for the service units of Student Health Center, Counseling Center and Student Wellness Office. (Relocating the Student Health Center from its current location in the Gyte Annex, constructed in 1953, helps eliminate the health and safety risks associated with continued occupancy in the Gyte Annex.) If this project is not approved, students will be left to use the cramped and inadequate space that currently houses the Health, Counseling and Wellness functions. The Purdue University Calumet Student Government Association's leadership is promoting the creation of a student recreation and wellness fee that would be phased in over a three year period and be above and in addition to any increase in general tuition and fee rates necessary for regular university operations.

**Space Utilization**

This project supports the pressing need to remove the Gyte Annex from the university's building inventory by removing one occupant of that building; Student Health Center. The space 1,314 ASF vacated by the Student Health Center will be left unassigned until such time as the Gyte Annex is demolished. The 891 ASF vacated by the Counseling Center will be repurposed into a classroom and the 7,064 ASF vacated by Wellness function will be repurposed into needed space for the growing athletics program.

**Comparable Projects**

IU South Bend constructed a Student Activities building in 2001 with a construction cost of \$16,726,340. Data was not available on the total cost of the 109,353 GSF/97,477 ASF facility; however, applying 30% for soft costs would generate a total project cost of \$21,744,242 in 2001. Please note that Calumet used 30% for soft costs when determining the total project cost.

**Background Materials**

Funding Plan - \$15,700,000:  
Bonding Authority - Non-Fee Replaced, derived from Student Fees Assessed - Dedicated Student Fee

**CAPITAL PROJECT REQUEST FORM**  
**INDIANA PUBLIC POSTSECONDARY EDUCATION**  
**INSTITUTION CAMPUS SPACE DETAILS FOR STUDENT WELLNESS AND RECREATION CENTER**

Student Wellness and Recreation Center B-2-13-1-08	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
<b>A. OVERALL SPACE IN ASF</b>							
Classroom (110 & 115)	75,100			75,100			75,100
Class Lab (210,215,220,225,230,235)	110,409			110,409			110,409
Non-class Lab (250 & 255)	13,513			13,513			13,513
Office Facilities (300)	181,172			181,172		1,150	182,322
Study Facilities (400)	54,712			54,712			54,712
Special Use Facilities (500)	41,686			41,686		31,284	72,970
General Use Facilities (600)	85,953			85,953		1,150	87,103
Support Facilities (700)	304,151			304,151		320	304,471
Health Care Facilities (800)	1,314			1,314	1,314		5,700
Resident Facilities (900)	165,242			165,242		5,700	165,242
Unclassified (000)	2,019			2,019			2,019
<b>B. OTHER FACILITIES</b> (Please list major categories)				-			-
<b>TOTAL SPACE</b>	<b>1,035,271</b>	<b>-</b>	<b>-</b>	<b>1,035,271</b>	<b>1,314</b>	<b>39,604</b>	<b>1,073,561</b>

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

**Please Note: The 1,314 listed to be terminated will not be demolished; however, it will remain vacant until such time as the Gyte Annex is demolished.**

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

**CAPITAL PROJECT COST DETAILS**  
**STUDENT WELLNESS AND RECREATION CENTER**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-2-13-1-08
<b>Campus:</b>	Calumet	<b>Institutional Priority:</b>	N/A

**ANTICIPATED CONSTRUCTION SCHEDULE**

	<b>Month</b>	<b>Year</b>
<b>Bid Date</b>	June	2014
<b>Start Construction</b>	August	2014
<b>Occupancy (End Date)</b>	August	2015

**ESTIMATED CONSTRUCTION COST FOR PROJECT**

	<b>Cost Basis (1)</b>	<b>Estimated Escalation Factors (2)</b>	<b>Project Cost</b>
<b><u>Planning Costs</u></b>			
a. Engineering			\$ 422,362
b. Architectural			\$ 422,363
c. Consulting			\$ -
<b><u>Construction</u></b>			
a. Structure			\$ 6,900,075
b. Mechanical (HVAC, plumbing, etc.)			\$ 2,847,650
c. Electrical			\$ 1,204,775
<b><u>Movable Equipment</u></b>			\$ -
<b><u>Fixed Equipment</u></b>			\$ -
<b><u>Site Development/Land Acquisition</u></b>			\$ 1,115,000
<b><u>Other (PM, S&amp;T, Insurance and Contingencies)</u></b>			\$ 2,787,775
<b>TOTAL ESTIMATED PROJECT COST</b>		\$ -	\$ 15,700,000

(1) Cost Basis is based on current cost prevailing as of: (March 2012)

(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**  
**STUDENT WELLNESS AND RECREATION CENTER**

<b>Institution:</b>	Purdue University	<b>Budget Agency Project No.:</b>	B-2-13-1-08
<b>Campus:</b>	Calumet	<b>Institutional Priority:</b>	N/A

		<b>GSF OF AREA AFFECTED BY PROJECT</b>	49,000
<b>ANNUAL OPERATING COST/SAVINGS (1)</b>			
	<b>Cost per GSF</b>	<b>Total Operating Cost</b>	<b>Personnel Services</b>
			<b>Supplies and Expenses</b>
1. Operations	\$ 7.87	\$ 385,700	\$ 323,200
2. Maintenance	\$ 2.46	\$ 120,614	\$ 86,842
3. Fuel	\$ -	\$ -	\$ -
4. Utilities	\$ 3.06	\$ 149,870	\$ 149,870
5. Other	\$ 0.21	\$ 10,265	\$ 10,265
<b>TOTAL ESTIMATED OPERATIONAL COST/SAVINGS</b>	<b>\$ 13.60</b>	<b>\$ 666,449</b>	<b>\$ 410,042</b>

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

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