

## AGENDA

### UNIVERSITY OF SOUTHERN INDIANA BOARD OF TRUSTEES

November 5, 2015

#### SECTION I – GENERAL AND ACADEMIC MATTERS

- A. APPROVAL OF MINUTES OF SEPTEMBER 3, 2015, MEETING
- B. ESTABLISHMENT OF NEXT MEETING DATE, TIME, LOCATION
- C. PRESIDENT'S REPORT
- D. APPROVAL OF CANDIDATES FOR DEGREES

Candidates for doctoral, master, baccalaureate, and associate degrees to be conferred December 12, 2015, are listed in Exhibit I-A.

Approval to award the degrees presented in Exhibit I-A, subject to the completion of all requirements, is recommended.

#### E. APPROVAL OF A NEW DEGREE PROGRAM: BACHELOR OF ARTS/BACHELOR OF SCIENCE IN PHYSICS

Approval of a new degree program, the Bachelor of Arts/Bachelor of Science in Physics (Exhibit I-B) is recommended.

The Pott College of Science, Engineering, and Education proposes to offer a Bachelor of Arts/Bachelor of Science in Physics degree. A complete abstract describing the program is in Exhibit I-B. The implementation date is fall 2016.

The Pott College of Science, Engineering, and Education plans to offer the Bachelor of Arts/Bachelor of Science in Physics on campus with some core curriculum courses available via online delivery. A major component of the strategic plan of the University of Southern Indiana is to “provide leadership to Indiana and the region.” Consistent with this strategy, the Pott College of Science, Engineering and Education has made its vision “to be a leader in undergraduate science, technology, engineering, and mathematics (STEM) education.” With strong programs in biology, chemistry, geology, math, and engineering, it is the plan for the University to continue its leadership in the sciences with the addition of the Bachelor of Arts/Bachelor of Science in Physics degree. The absence of this degree program in the most basic of the sciences limits the University’s ability to recruit and retain future scientists and teachers and compromises the University’s ability to fulfill the vision as a STEM leader in southwestern Indiana. Currently the University’s headcount for biophysics and physics teaching majors is low. With the institution of the Bachelor of Arts/Bachelor of Science in Physics, the University will be able to increase the enrollment numbers without the usual added cost of a new degree program.

In its strategic plan, *Reaching Higher, Achieving More*, the Indiana Commission for Higher Education has charged the higher education community to provide programs that are student centered. The University of Southern Indiana proposes a physics degree that enables students to take multiple paths to success after graduation. This Bachelor of Arts/Bachelor of Science in Physics degree will provide both alignment with the workforce, as well as quality training for post baccalaureate studies. The University of Southern Indiana will be the only public institution in the Southwest region to offer a Bachelor of Arts/Bachelor of Science in Physics degree. While serving a three-state region in the Midwest, the advent of a Physics degree at USI will enable strong students, who would otherwise leave the area for Illinois or Kentucky, to remain in Southwestern Indiana for their physics training. As part of the strategic plan in the Pott College of Science, Engineering, and Education, the College has provided STEM leadership in the region and will enhance the University’s opportunities to serve the tri-state area with the addition of a physics degree program.

The proposed program is comprised of 120 credit hours. This program will consist of 48 hours of core courses in physics, math, chemistry, and engineering that are required of all four physics tracks. These tracks are traditional, teaching, applied, and computational. Each physics track will require an additional 24 to 25 credit hours. The program is recommended by the dean of the Pott College of Science, Engineering, and Education and has been approved by the University Curriculum Committee, the Faculty Senate, the Academic Planning Council, the provost, and the president.

## **SECTION II – FINANCIAL MATTERS**

### **A. REPORT OF FINANCE/AUDIT COMMITTEE**

The Finance/Audit Committee will meet prior to the Board of Trustees meeting on November 5, 2015. A report will be presented.

### **B. ANNUAL REPORT OF STUDENT FINANCIAL ASSISTANCE**

A report will be presented on the student financial assistance administered by the University during 2014-2015 (Exhibit II-A).

### **C. REPORT ON INSURANCE RENEWALS**

A report will be presented on insurance changes and renewals effective January 1, 2016.

### **D. UPDATE ON CURRENT CONSTRUCTION PROJECTS**

A report on the status of current construction projects will be presented. Exhibit II-B includes a summary of the costs and funding sources for each project.

### **SECTION III - PERSONNEL MATTERS**

#### **A. REPORT ON FACULTY AND ADMINISTRATIVE RETIREMENTS**

The following faculty retirements will be reviewed.

Professor of Communications Karen H. Bonnell, in accordance with the early retirement policy, will retire effective January 1, 2017, after 26.5 years of service, including leave with pay for the period August 16, 2016, to December 14, 2016.

Professor of Public Relations Gael L. Cooper, in accordance with the regular retirement policy, retired effective October 10, 2015, after 12 years of service.

#### **B. APPROVAL OF EMERITUS STATUS**

Approval of the following emeritus title is recommended.

Professor Emerita of Communications Karen H. Bonnell

**CANDIDATES FOR DEGREES**  
**UNIVERSITY OF SOUTHERN INDIANA**  
**December 12, 2015**

**DOCTOR OF NURSING PRACTICE**

Carol A. Pogue  
Debra L. Sipes-Fears

**MASTER OF ARTS IN COMMUNICATION**

Kyle B. Tharp

**MASTER OF BUSINESS ADMINISTRATION**

Eric J. Brooks  
Rebecca L. Buckman  
Andres Cavezza  
Dewayne A. Forston  
James T. Girten  
David R. Klass  
Alissa N. Knable  
Julia E. Kohnen  
April S. Luigs  
Courtney L. McNett  
Joshua L. Raleigh  
Kristin E. Reagan  
John D. Rohling  
Sarah E. Timmons  
Benjamin R. Wallace

**MASTER OF HEALTH ADMINISTRATION**

Laura L. Decker  
Meagan L. Kempf  
Amy S. McConnell  
Kandra A. Norris  
Andrea D. Oeding  
Amy J. Schneider  
Melissa A. Stepro

**MASTER OF PUBLIC ADMINISTRATION**

Katrina R. Blaser  
Elliot M. Howard  
Ian T. Mathew  
Linda G. Reed  
Marian C. Yoder

**MASTER OF SCIENCE IN EDUCATION**

Maisoon N. Alreshidi  
Samuel A. Harrell  
Brian D. Steinkamp  
Amani I. Thawab

**MASTER OF SCIENCE IN NURSING**

Kambra J. Long

**ROMAIN COLLEGE OF BUSINESS BACHELOR OF ARTS**

Kara F. Empson  
Kassidy D. Kinner  
Sarah L. Wahoski

**ROMAIN COLLEGE OF BUSINESS BACHELOR OF SCIENCE**

Mohammed B. Al Hashim  
Khalid M. Alrasheed  
Kimberly K. Amick  
Austin S. Anderson  
Treva R. Bandy  
Zachary M. Beal  
Michelle L. Bennett  
Mark A. Berry  
Matthew A. Bevers  
Joshua F. Bredhold  
Robert L. Buhmann  
Vanessa R. Bye  
Coy D. Caffrey  
Eryn K. Campbell  
Molly A. Carey  
Hwa Chung  
Sean E. Collins  
Christopher D. Corgan  
Dustin J. Crawford  
Levi C. Davis  
Kelsey L. Deffendoll  
Conner J. Dembroski  
Kirstie R. Dempsey  
Kristofer R. Deutsch  
Tyler L. Dowling  
Cody A. Duff  
Jordan R. Dunkel  
Jacob T. Eckert  
Brooke R. Elliott  
Love Evans

Jacob A. Ewers  
Adam R. Finn  
Jasmine S. Fleming  
John M. Folz  
Mohamed Farhan Fowzer  
Kathi E. Fromme  
Kelsey M. Fulton  
Benjamin M. Gallant  
Charles G. Garrison  
Michael A. Gibbs  
Ui-Hyun Gu  
Andrew J. Heid  
Floyd A. Hines  
Lindsey J. Howes  
Matthew R. Hudson  
Michael R. Hueston  
Dylan J. Keeling  
Logan M. Kelly  
Melanie R. Kessler  
Cameron J. Klemczewski  
Andrew M. Kuper  
Landon S. La Barbera  
Mary L. Lewis  
Diane S. Lintzenich  
Amy D. Litkenhus  
Kassaundra L. Lucius  
Emily A. Lutz  
Derek M. McNew  
Clair N. McPhearson  
Andrew N. Mercer  
Stacey L. Meredith  
Mitchell D. Meurer  
John L. Meyer  
Tatenda Mhaka  
Jesse C. Montank  
Grant M. Muller  
Michelle K. Muse  
Jessica N. Newman  
Ryan M. Niemeier  
Zachary J. Parkhurst  
Amber Powers  
Tyler M. Raben  
Andrea J. Ribelin  
Mehgan N. Riecken  
Mackenzie N. Riley  
Jacob N. Schaefer  
Lauren E. Schweizer  
Elliott R. Seifert  
Dillon R. Smith

James E. Snepp  
Rachel A. Snyder  
Brian J. Sonderman  
James R. Stanley  
Jay M. Stanley  
Morgan R. Stierley  
Taylor J. Strange  
Alec J. Stroud  
Raegan M. Sweppy  
Colton L. Tanner  
Samuel L. Tanoos  
William E. Terbrack  
Briony N. Towler  
Alex T. Trinkle  
Jamie L. Tucker  
Zachary J. Watson  
Kathryn J. Wildeman  
Austin W. Zentmyer

**COLLEGE OF LIBERAL ARTS**  
**BACHELOR OF ARTS**

William C. Adams  
Dario F. Arboleda La Torre  
John T. Barton  
Jasmine N. Brenda  
Ashley R. Call  
Stephanie A. Cox  
Shelby L. Davis  
Kara E. DiDomizio  
Jordan A. Eickhoff  
Lance M. Grubb  
Lanikitah J. Harris  
Tiffanie D. Hendricks  
Abigail E. Hering  
Eli N. Jay  
Lauren A. Johnson  
Carolyn E. Jones  
Brelynne M. Jordan  
Kathryn A. Kaiser  
Taylor A. Kearschner  
Jessica L. Kelley  
Maryhannah S. Kissel  
Merrick T. Korach  
Anthony A. Landers  
Michael J. Lauer  
Andrew M. Lendy  
Brooke E. Marquardt  
Kortney E. McGill  
Odalys Miranda-Reyes  
Ajmal Myakhel  
Ji Y. Park  
Rachael B. Peyton  
William G. Rasch  
Josey L. Roth  
Andrew R. Simpson

Kyle A. Smith  
Alyssa P. Sventeckis  
Jacob D. Timmons  
Cassandra L. Weiss

**COLLEGE OF LIBERAL ARTS**  
**BACHELOR OF SCIENCE**

Jodie C. Arguello  
Danielle S. Artis  
Sydney E. Bartelli  
Philip M. Barnett  
Grace A. Barrett  
Joshua C. Barrow  
Eleanor J. Bartholomew  
Sara N. Behnke  
Kirsten P. Bell  
Rachel C. Bemis  
Erica S. Berryhill  
Kaytlyn R. Black  
Myra R. Bowles  
Evan C. Boyer  
Nicholas R. Bush  
Jamie L. Callahan  
Sheryl E. Carnes  
Morgan M. Cochran  
Zackary T. Cormier  
Allie J. Cortez  
Richard C. Covington  
Neal G. Cozart  
Alexis M. Craft  
Christine L. Cullison  
Tori B. Densley  
Kyle J. Dischinger  
Nicole R. Ealy  
Hillary A. Edmondson  
Bailey A. Faughn  
Jarrod Fawks  
Chris Froman  
Alex J. Georges  
Scott P. Glesige  
Brittany Graber  
Shannon E. Gray  
Daniel J. Hambidge  
Kelsey P. Hawkins  
Nicole L. Hayes  
Susan A. Hayes  
Montell A. Hendricks  
Katelyn J. Henning  
Derek C. Hill  
Nicholas M. Holmes  
Devon L. Huff  
Allen A. Hurst  
Taylor L. Isom  
Jessica L. James  
Jordan T. Jones

Matthew J. Koewler  
Payton A. Krempey  
Audrey N. Lashbrook  
Brian C. Lawalin  
Megan D. Lengacher  
Amanda A. Lopez  
Christopher S. Luttrell  
Dennis K. Marshall  
Zachary J. Masterson  
Meagan Meadows  
Grigoriy P. Medvedev  
Carson T. Mier  
Alexander N. Moseley  
Ashley D. Murray  
Tyler J. Nichols  
Nichole M. Nolan  
Baleigh R. Nosal  
John T. Paris  
Chelsea C. Parker  
Maureen K. Pease  
Matthew S. Perez  
Aaron D. Porter  
Johnna M. Preidt  
Marissa Q. Puntney  
Christopher B. Ragains  
Clinton D. Rauch  
Andrea L. Raymond  
Kenya S. Roberson  
LaShonda L. Roberts  
Lana E. Robertson  
Tamara R. Robey  
Emily A. Rodgers  
Eduardo M. Rodriguez  
Alan F. Rossi  
Jenna E. Rueger  
Joan L. Sauter  
Clare E. Scheller  
Erik C. Schleicher  
Kameryn E. Schmelzer  
Payton L. Schnarre  
Amber L. Seibert  
Dakota P. Sheehan  
Samantha M. Simmons  
Jessica L. Simpson  
Christina L. Skelton  
Adrian R. Small  
Brandy N. Small  
Ashley D. Smith  
Daniel V. Spurlock  
Ashley M. Steele  
Kathrene E. Stout  
Chinna C. Suggs  
Casey J. Voelker  
Jacob J. Voyles  
Zachary M. Wathen

Morgan K. Watkins  
Thomas J. Weigle  
Kenzie J. White  
Heather D. Williams  
Christina N. Wilson  
Lindsey F. Witty  
Madelyn R. Woodruff

**COLLEGE OF NURSING AND  
HEALTH PROFESSIONS  
BACHELOR OF SCIENCE**

Kramer M. Ahrens  
Morgan D. Bartlett  
Leslie M. Betz  
Nicole R. Boyd  
Christina D. Brocker  
Gemma Calvert  
Kristin E. Cameron  
Jonah G. Carpenter  
Melissa A. Christman  
Cierra N. Collins  
Victoria L. Crafton  
Ryan B. Crooke  
James E. Crowe  
Amy L. Dulworth  
Caitlin M. Farmer  
Alex J. Flynn  
Kelsey L. Fox  
Alison L. Gatton  
Baylee J. Gill  
Latrice S. Hillard  
Abigail J. Hollis  
Bethany N. Huber  
Hannah E. Hunter  
Amanda E. Hutchinson  
Viktoriya V. Inzhirov  
Michelle P. Kimmell  
Sandra L. Kinsall  
Laura J. Kochmer  
Kelley D. Mason  
Hannah J. Myers  
Danielle L. Pate  
April A. Peach  
Sarah M. Perdue  
Heather L. Reeves  
Matthew J. Riley  
Erin L. Schaefer  
Morgan B. Schaeffer  
Lesley L. Schapker  
Lauren N. Schellenberg  
Theresa M. Scheller  
Alyssa E. Sebastian  
Laurel D. Smith  
Sarah K. Smith  
Erica L. Stinson

Shelby L. Stoner  
Samara T. Sullivan  
Jessica L. Toliver  
Sarah M. Welp  
Jessica E. Whetstone  
Emily A. Wigginton  
Summer O. Winstead  
Terri L. Wittwer-Key  
Chelsey E. Zumbahlen

**COLLEGE OF NURSING AND  
HEALTH PROFESSIONS  
BACHELOR OF SCIENCE IN NURSING**

Sara W. Abell  
Margaret A. Anderson  
Jamie L. Baker  
Hannah M. Ball  
Alyson L. Barton  
Elizabeth Bento  
Robert A. Blackburn  
Amy L. Brown  
Shawn M. Brown  
Melissa L. Burgos  
Amanda Z. Burris  
Jacie L. Carter  
Danielle A. Clark  
Teresa A. Cooper  
Andrea J. Cutler  
Melissa A. Davis  
Danielle B. Deisher  
Jessica L. Duncan  
Michaela S. Ehmke  
Kirsten M. Ellis  
Ashley O. Evans  
Tracey L. Ferguson  
Dorene M. Fultz  
Kerrick M. Gerst  
James B. Gish  
Nichole T. Giuli  
Darlene S. Goepfrich  
Melody J. Green  
Jessica N. Hamdan  
Aisha Havill  
Constance M. Henshaw  
Terra L. Henson  
Laura E. Hish  
Alyssa B. Honaker  
Rachel Hopkinson  
Cassie M. Hoskins  
Rose M. Kendall  
Steven Klintworth  
Jane A. Kremer  
Joseph T. Lansden  
Lorinda M. Leinenbach  
Roberta L. Littlepage

Penny S. Lloyd  
Fouzia Mahmood  
Dusty S. Marsh  
Cassandra L. Mayer  
Lisa K. Mayer  
Laura L. McGinnis  
Courtney B. Miller  
Paul M. Mills  
Matthew J. Mosesso  
Brad A. Mullins  
Penelope L. Rhea  
Ramona M. Rhodes  
Christina Riggs  
Lori L. Robinson  
Amanda R. Rogers  
Teri J. Rothgerber  
Cinda L. Schipp  
Michelle D. Schmitt  
Dorothy A. Schucker  
Emily C. Schutte  
Bernadette Serafini  
Amanda N. Siewers  
Jacey R. Sokeland  
Anthony F. Spaulding  
Layne B. Springer  
Loice M. Taruwinga  
Amber L. Terhune  
Lacey N. Thomas  
Stephanie Weisheit  
Christina J. Wildman

**OUTREACH AND ENGAGEMENT  
BACHELOR OF GENERAL STUDIES**

Reid A. Duncan  
Ashley L. Franks  
Whitney M. Lux

**OUTREACH AND ENGAGEMENT  
BACHELOR OF PROFESSIONAL  
STUDIES**

Caleb A. Breeden  
Tiffany R. Lafferty  
Joyce A. Mayer-Craig  
Angela D. Mullis

**POTT COLLEGE OF SCIENCE,  
ENGINEERING, AND EDUCATION  
BACHELOR OF ARTS**

Sarah K. Barron  
Chelsea M. Dayton  
Olivia J. Fritch  
Lindsey J. Jaebker  
Justine M. Osborne

**POTT COLLEGE OF SCIENCE,  
ENGINEERING, AND EDUCATION  
BACHELOR OF SCIENCE**

Allyson R. Angermeier  
Tara R. Arvin  
Jessica L. Bartley  
Dennis L. Begeman  
Laura L. Bird  
Melissa Bourland  
Ashlee G. Boyd  
Kelsey N. Britt  
Randall D. Brucher  
Matthew M. Chavarria  
Caleb A. Clark  
Megan R. Cleek  
Beth A. Cossey  
Jeremiah Coursey  
Bridget L. Cox  
Alexandria M. Craig  
Hannah J. Daniels  
Kelsie Deaton  
Jacob D. Dowdy  
Taylor N. Ellis  
Abby C. Fendel  
Abby M. Fischer  
Josiah W. French  
Lance A. Fulton  
Kaitlin N. Giesler  
Rebecca J. Gore  
Taylor E. Gray  
Jacob R. Grundhoefer  
Scott C. Haag  
Jaydan C. Hawk  
Amber R. Heerdink  
Caitlin A. Herrmann  
Rebecca L. Hofmann  
Chelsea L. Holder  
Tina M. Hunt  
Stephanie J. Ivey  
Ashley M. Johnson  
Thomas L. Johnson  
Jennifer A. Jones  
Lindsay N. Kavanagh  
Kendra M. Kern  
Kristine M. Kious  
Joseph Q. Kittinger  
Shelbey M. Klenck  
Mark E. Kramer  
Reid A. Liggett  
Ashleigh L. Little  
Marie I. Luff  
Makenzie N. Lumsdon  
Elliot J. Matheis  
Carlos A. Mejia  
Hannah E. Minchin

Shana L. Moninger  
Corey D. Myers  
Timothy J. Nellis  
Andrew D. Nelson  
Elliott G. Nilssen  
Jennifer A. Nix  
Katherine A. Ochs  
Christine P. Panayides  
Taylor N. Pennington  
Andrew M. Perry  
Justin C. Peter  
Carolanne M. Pierce  
Cynthia D. Reed  
Sarah A. Richards  
Jessica N. Richardson  
Jennifer M. Ryan  
Eric R. Scheiber  
Mark A. Seibert  
Erin J. Seidl  
Kaylee J. Shoopman  
Kayla M. Sparks  
Sara B. Spurlock  
Taylor M. Stevenson  
Amanda K. Stradtner  
Elizabeth M. Szafarczyk  
Thomas J. Thompson  
Sarah M. Tobias  
Brandon M. Tweedell  
Keith L. Tyler  
DeArius B. Valentine  
Bryce W. VanDevender  
Emily A. Walker  
Sydney M. Wannemuehler  
Whitney L. Warren  
Justin D. Wead  
Jamie A. Wiggins  
Erin C. Wolford  
Kyle L. Wood  
Alyssa R. Woods  
Jesse K. Wyatt

**POTT COLLEGE OF SCIENCE,  
ENGINEERING, AND EDUCATION  
BACHELOR OF SCIENCE  
IN ENGINEERING**

Luke J. Beavin  
Garrett P. Bielefeld  
Rachel E. Craig  
Timothy W. Hosford  
Matthew S. Johnson  
Logan D. Ledbetter  
Benjamin T. Scheuring  
Alaa A. Shahin  
Michael C. Smith  
Jordan T. Weyer

Tyler A. Williams  
Jordan D. Wooten

**COLLEGE OF LIBERAL ARTS  
ASSOCIATE OF SCIENCE**  
Tiffany E. Lang

**COLLEGE OF NURSING AND  
HEALTH PROFESSIONS  
ASSOCIATE OF SCIENCE**

Meghon L. Appell  
Katelyn M. Ballard  
Ashley A. Baumgart  
Tricia D. Baumgart  
Lacey B. Briggs  
Ashley E. Brown  
Sarah L. Burress  
Noel R. Canlas  
Marilou S. Chmelka  
Brynne M. Doherty  
Jama B. Dorsey  
Kathleen M. Dugan-Ebert  
Michael C. Dukes  
Chelsea M. Emmert  
Marissa R. Emmert  
Frantz Fontilus  
Judener Fontilus  
Keith C. Gray  
Angel K. Hernandez  
Johannah D. Jackson  
Rebecca A. Klaiber  
Megan L. Lawalini  
Fatu K. Litsey  
Rachelle D. Littlefield  
Margaret A. Mandarich  
Kayla J. Mann  
Madison J. Mundy  
Staci M. Specht  
Lori A. Vowels

## ABSTRACT

### **Bachelor of Arts/Bachelor of Science in Physics To be offered on-campus by the University of Southern Indiana, Evansville, Indiana**

#### **Consistency with Institution's Mission:**

The proposed Bachelor of Arts/Bachelor of Science in Physics program directly supports the University of Southern Indiana's mission by enabling students to engage in learning, advance in education and knowledge, and enhance civic and cultural awareness.

#### **Relation to Institution's Strategic and/or Academic Plan:**

The Pott College of Science, Engineering, and Education plans to offer the Bachelor of Arts/Bachelor of Science in Physics on campus with some core curriculum courses available via online delivery. A major component of the strategic plan of the University of Southern Indiana is to "provide leadership to Indiana and the region." Consistent with this strategy, the Pott College of Science, Engineering, and Education has made its vision "to be a leader in undergraduate science, technology, engineering, and mathematics (STEM) education." With strong programs in biology, chemistry, geology, math, and engineering, it is the plan for the University to continue its leadership in the sciences with the addition of the Bachelor of Arts/Bachelor of Science in Physics degree. The absence of this degree program in the most basic of the sciences limits the University's ability to recruit and retain future scientists and teachers and compromises the University's ability to fulfill the vision as a STEM leader in southwestern Indiana. Currently the University's headcount for biophysics and physics teaching majors is low. With the institution of the Bachelor of Arts/Bachelor of Science in Physics, the University will be able to increase the enrollment numbers without the usual added cost of a new degree program.

#### **Curriculum:**

The proposed program is comprised of 120 credit hours. This program will consist of 48 hours of core courses in physics, math, chemistry, and engineering that are required of all four physics tracks. These tracks are traditional, teaching, applied, and computational. Each physics track will require an additional 24 to 25 credit hours. The program is recommended by the dean of the Pott College of Science, Engineering, and Education and has been approved by the University Curriculum Committee, the Faculty Senate, the Academic Planning Council, the provost, and the president.

#### **Employment Possibilities:**

According to the American Institute of Physics (AIP), approximately 40 percent of graduates with physics degrees enter the workforce. For these graduates, one of the most pressing needs is for high school physics teachers. School districts consistently rank physics as the highest area of need among all academic disciplines with regard to teacher shortages. The US Bureau of Labor Statistics projects that nearly 53,000 new high school teachers will be added to the workforce between 2012 and 2022. The University of Southern Indiana receives multiple requests every year from tri-state high schools asking if any physics teaching majors are nearing degree completion. The University of Southern Indiana needs to help fill this void.

For those graduates who choose careers in industry, their breadth of training provides opportunities in a wide range of jobs. American Institute of Physics data show that most physics graduates enter STEM fields with the majority in engineering and computing jobs. Of the 26 percent of non-STEM employment, the highest paid positions were in finance or banking.

The AIP has thoroughly documented the wide array of employment opportunities enjoyed by physics graduates in the United States. The Indiana Department of Workforce Development (DWD) has provided the "Hoosier Hot 50 Jobs" report documenting the most in-demand professions currently in the state for the period from 2014 to 2016. Cross referencing the AIP and DWD data, 12 of the top 50 hot jobs in Indiana are careers for which graduates in physics currently hold employment nationally. Additionally, the DWD provides detailed employment data in Hoosiers by the Numbers. Here they provide long-term projections for a wide array of careers in Indiana for the time period 2010 to 2020. Jobs for which physics graduates are qualified are many and most hold the opportunity for double digit growth in Indiana.

**2014-2015 Student Financial Aid Programs Final Report  
University of Southern Indiana  
November 5, 2015**

**Executive Summary**

The final report of student financial aid activity in 2014-2015 contains summary and program-specific data of all student aid programs administered by the offices of Student Financial Assistance, Career Services and Internships, and the Veteran, Military, and Family Resource Center. Key indicators contained in the 2014-2015 report are:

**Service Profiles**

Student Financial Assistance served 12,402 new and prospective students, of which 12,267 filed a Free Applications for Federal Student Aid (FAFSA) for need-based assistance. Each student received an award letter detailing all federal, state, USI Foundation, USI institutional, and private/outside awards. Student Financial Assistance provided aid to 7,727 enrolled students resulting in 19,405 awards totaling \$72.8 million which is a slight decrease from prior year due primarily to a decline in enrollment.

<b>Trends in Funding by Source (compared to 2013-2014)</b>		<b>Percent of Change</b>
• Federal student aid: decreased	\$ (1,323,181)	-2.7%
• State of Indiana aid: increased	414,934	5.1%
• University student aid: increased	464,881	4.9%
• USI Foundation student aid: increased	206,496	13.0%
• USI Varsity Club funding: no change	0	0.0%
• Corporate/private funding decreased	(344,118)	-6.9%

<b>Trends in Funding by Type (compared to 2013-2014)</b>		
• Gift aid: grants/scholarships increased	\$ 1,377,007	4.5%
• Self-help: loans decreased	(2,020,463)	-5.0%
• Self-help: on-campus employment increased	62,468	3.0%

<b>Distribution of Aid by Source</b>		<b>Percent of Revenue</b>
• Federal aid	\$ 47,596,297	65.3%
• State of Indiana	8,605,800	11.8%
• USI aid	10,044,903	13.8%
• USI Foundation	1,795,063	2.5%
• USI Varsity Club	190,000	0.3%
• Private sources	4,616,147	6.3%

<b>Distribution of Aid by Type</b>		
• Gift aid: grants/scholarships	\$ 32,320,909	44.4%
• Self-help: loans	38,410,719	52.7%
• Self-help: on-campus employment	2,116,582	2.9%

**2014-2015 Student Financial Aid Programs  
University of Southern Indiana  
November 5, 2015**

**Final Report**

**Introduction**

This report contains both summary and program-specific information for all student financial assistance programs administered by the University. Data used in compiling the report was obtained from the University's administrative system on October 26, 2015. Data was provided by Human Resources, the Business Office, and the Veteran, Military, and Family Resource Center. The Student Financial Assistance Office, Veteran, Military, and Family Resource Center, the Business Office and the Career Services and Placement Office provide assistance to students in obtaining the types of financial aid included in this report.

**Narrative**

Students and prospective students submitted 12,267 Free Applications for Federal Student Aid (FAFSA) for need-based assistance. Of this number, 7,448 enrolled in 2014-2015 and 7,236 students received Title IV aid. Total FAFSA applications decreased 4.1 percent over 2013-2014.

The University administered 19,405 awards for a total of \$72.8 million in student financial assistance. The distribution of awards by funding source is given below.

<i>Source</i>	<i>Awards</i>	<i>Subtotals</i>	<i>% of Total Dollars</i>	<i>Prior Year Distribution</i>
Federal Government	8,777	\$47,596,297	65.3	66.6
State of Indiana	2,542	8,605,800	11.8	11.2
USI	4,540	10,044,903	13.8	13.0
USI Foundation	1,366	1,795,063	2.5	2.2
USI Varsity Club	60	190,000	0.3	0.3
Private Sources	2,120	4,616,147	6.3	6.7
<b>Totals</b>	<b>19,405</b>	<b>\$72,848,210</b>	<b>100</b>	<b>100</b>

Student financial assistance may be categorized by aid type: grants/scholarships; loans; and employment. In 2014-2015, spending was distributed as follows:

<i>Categories</i>	<i># of Awards</i>	<i>Award Totals</i>	<i>% of Total Dollars</i>	<i>Prior Year Distribution</i>
Grants / Scholarships	12,281	\$32,320,909	44.4	42.1
Loans	5,819	38,410,719	52.7	55.1
Employment	1,305	2,116,582	2.9	2.8
<b>Totals</b>	<b>19,405</b>	<b>\$72,848,210</b>	<b>100</b>	<b>100</b>

### Federal Pell Grant Program

The Federal Pell Grant Program is the cornerstone of aid packages for exceptionally needy students. The number of Pell Grant recipients decreased 2.9 percent following a 7.1 percent decrease in 2013-2014. Total Pell dollars decreased 0.1 percent following a 5.5 percent decrease in the prior year.

### State Funds

Total Indiana funding was up 5.1 percent in 2014-2015 following a 2.3 percent decrease in 2013-2014.

Changes in funding levels are summarized by source below:

<i>Source</i>	<i>2011-2012</i>	<i>2012-2013</i>	<i>2013-2014</i>	<i>2014-2015</i>
Federal Government	-3.2	-5.8	-8.5	-2.7
State of Indiana	+7.6	+2.7	-2.3	+5.1
USI	+3.5	+5.5	-4.3	+4.9
USI Foundation	+1.7	+4.1	+9.1	+13.0
USI Varsity Club	-10.3	-0.6	+9.2	0.0
Private Sources	+10.6	+10.6	-1.3	-6.9
<i>Aggregate Change</i>	<i>-0.7%</i>	<i>-2.5%</i>	<i>-6.5%</i>	<i>-0.8%</i>

### Federal Direct Loan Program

Aggregate borrowing for Direct Stafford Student Loan recipients among the Class of 2015 baccalaureate graduates averaged \$22,480. Among 2015 master and doctoral degree recipients, aggregate borrowing averaged \$33,749, including both graduate and undergraduate borrowing. These figures are based on borrowing while enrolled at USI.

The FY 2012 three-year national student loan Cohort Default Rate (CDR) is 11.8 percent, down from FY 2011 3-year rate of 13.7 percent. The state of Indiana three-year rate is 14.7 percent, down 0.8 percent over the prior year. USI's fiscal year 2012 three-year CDR is 6.6 percent, down 3.0 percent over the prior three-year rate. Four-year public institutions three-year CDR rates are 7.6 percent, down 1.3 percent from prior year. USI's three-year CDR is significantly less than public institutions, national and state rates.

A 3-year summary of Federal FY Cohort Default Rates appears below:

<i>Fiscal Year</i>	<i>USI</i>	<i>Indiana</i>	<i>National</i>	<i>4-Year Public</i>
2010	10.4%	14.9%	14.7%	9.3%
2011	9.6%	15.5%	13.7%	8.9%
2012	6.6%	14.7%	11.8%	7.6%

### **Student Financial Assistance Mission**

As part of the Enrollment Management Division, team members in the Student Financial Assistance Office are committed to supporting the University's goals of enrolling and graduating a highly talented and diverse student body.

Our student-focused team works to help students and their families seek, obtain, and make the best use of all resources available to help finance the costs of attending the University of Southern Indiana. We aim to provide efficient and effective access to programs and services through personalized attention and the use of state-of-the-art technology.

In partnership with internal, federal, state, and other organizations, team members coordinate the administration of all student financial assistance awarded to ensure equity and consistency in the delivery of funds to students. We are dedicated to providing for the proper stewardship of all University, government, and private funds utilized by our students to finance their education.

We aspire to minimize the procedural barriers that sometimes frustrate financial aid applicants and diligently work to ensure our students learn to handle their financial affairs in a responsible manner. The Student Financial Assistance team provides student advocacy on issues relevant to student success.

**Summary  
Construction Projects  
November 5, 2015**

**Projects Under Construction**

**The Griffin Center**

**Project Cost** **\$ 5,750,000**

Funding Sources:

Private Gifts	\$ 5,000,000
Auxiliary Systems Reserves	\$ 750,000

**Projects in Design**

**Physical Activities Center (PAC) Renovation**

**Project Cost** **\$ 16,000,000**

Funding Source: Legislative Appropriation - 2013

**Health Professions Center: Classroom Renovation/Expansion**

**Project Cost** **\$ 8,000,000**

Funding Source: Legislative Appropriation - 2015

**Multi-Institutional Academic Health and Science Research Center**

**Project Cost** **\$ 6,000,000**

Funding Source: Legislative Appropriation - 2015

**Fuquay Welcome Center**

**Project Cost** **\$ 2,500,000**

Funding Sources:

Private Gifts	\$ 2,000,000
Special Projects Reserves	\$ 500,000

**Housing Renovation of Saletta, Welsh and Marshall Buildings**

**Project Cost** **\$ 1,700,000**

Funding Source: Housing Reserves

**Parking Lots A & B Landscaping Replacement**

**Project Cost** **\$ 600,000**

Funding Source: Landscape Reserves

**Orr Center Roof Replacement/Repair**

**Project Cost** \$ 405,000

Funding Source: General Repair and Rehabilitation Appropriation

**Energy Management System Upgrade:**

**Health Professions Center, Science and Education Center, and Physical Plant**

**Project Cost** \$ 180,000

Funding Source: General Repair and Rehabilitation Appropriation

**Housing Exterior Steps Replacement**

**Project Cost** \$ 170,000

Funding Source: Housing Reserves

**Physical Plant Roof Replacement**

**Project Cost** \$ 132,000

Funding Source: General Repair and Rehabilitation Appropriation

**Atheneum Roof Replacement**

**Project Cost** \$ 117,000

Funding Source: Special Projects Reserves