



**Indiana State
University**

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**THE ECONOMIC IMPACT OF
INDIANA STATE UNIVERSITY
ON THE TERRE HAUTE
REGION**

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Executive Summary

Indiana State University impacts the Terre Haute region in many ways. The University is a major source of economic activity through its purchases of goods and services from regional suppliers and the salaries that it pays to its local workforce. The University also plays a vital role in providing a skilled and educated workforce, and is an important provider of educational services in several areas key to the region. Finally, the University makes important public service, cultural, and community contributions to the Terre Haute region and to all of Indiana.

The economic impacts of the University are presented in the Summary Table below. This study examined the impacts occurring as a result of the University's operating expenditures, the spending of Indiana State University students, the spending of visitors attracted into the State by the University, and the construction expenditures of the University. The total impact of the University on the Indiana economy is \$321 million in increased economic activity with an associated 4,914 jobs earning \$150 million in salaries and wages.

Summary Table
The Economic Impact of Indiana State University
on the Terre Haute Region

Item	Total Impact
Economic Output (Mil. \$)	\$320.9
Employment (Number of Jobs)	4,914
Earnings (Mil. \$)	\$149.9

Source: Indiana State University and the Jacob France Institute

In addition to the economic and fiscal impacts that the University makes, Indiana State University also makes significant contributions to the workforce development and quality of life in Indiana. Some highlights of the important workforce development and community service impacts of the University are as follows. Indiana State University:

- exceeds 10% of the State's demand for several key occupations in the State including Occupational and Physical Therapy Assistants and Aides (15%), Business and Financial Operations (12%), and Law Enforcement Workers (12%).
- meets 257% of the total occupational demand for the Terre Haute MSA in several key occupations, such as Drafters, Engineering, Mapping Technicians (720%) and Business and Financial Operations (409%).
- fulfills its service mission through numerous community service programs, faculty, staff, and students volunteer work and community involvement, educational programs, and programs that enhance the education of primary and secondary students.

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1.0 Indiana State University Expenditures, Employment, and Employee Earnings in the Terre Haute Region

The Indiana State University impacts the economy of the Terre Haute region through four primary spending flows:

- 1) the operating expenditures of the University;
- 2) the spending of the University's students;
- 3) the spending of the visitors attracted into the Terre Haute region by the University; and
- 4) the construction expenditures of the University.

As presented in Table 1, the University, its students, and the out-of-region visitors attracted into the five county Terre Haute region¹ by the University had total spending of \$282.3 million in fiscal 2005. The University employed 2,685 workers who earned \$104.6 million in salaries and wages.

**Table 1
Indiana State University
Total University-Related Expenditures
Fiscal Year 2005**

Item	
Total Expenditures (Mil. \$)	<u>\$282.3</u>
Total Operating Expenditures	\$193.4
University Payroll ¹	\$104.6
University Procurement	\$88.8
Student Expenditures	\$50.9
Visitor Expenditures	\$27.6
Construction Expenditures	\$10.4
Total Employment (Number of Jobs)	2,685
Total Payroll and Fringe (Mil. \$)	\$104.6

(1) Excludes salaries paid to student employees in order to avoid double counting with student expenditures.

Source: Indiana State University

¹ For the purposes of this report the Terre Haute region includes the following five counties: Clay; Parke; Sullivan; Vermillion and Vigo.

This report analyzes the impact of the Indiana State University on the Terre Haute region's economy using economic multipliers, which describe the response of an economy to a change in demand or production.² The first step in the modeling process is to estimate the direct effects, or the changes in final demand, in the affected industries. Direct effects must represent new spending in the region, or spending that would otherwise not occur in the absence of the project or event being analyzed, in this case the educational and research operations of Indiana State University. Once these direct effects are estimated, they can be entered into an economic model to determine the change in economic output (a measure similar to gross national product (GNP) which measures the level of economic activity in a region), employment, and earnings attributable to Indiana State University. This analysis uses the ACE Caffery-Isaacs model for estimating the impact of a college or university on a regional economy, which only includes expenditures made in the region analyzed (in this case the Terre Haute area). This model provides a conservative measure of the impact of the University.

As presented in Table 1, there is \$282.3 million in total spending activity associated with the operations of Indiana State University. However, this spending does not represent the actual impact of the university on the state or the region. Some of the spending associated with the university occurs outside of the region. For example, spending by faculty, staff, or students living outside of the region, or university purchases made from out-of-region suppliers. These expenditures are not included in the economic analysis. After these exclusions, we have an estimate of the direct impacts the university has on the region. This direct spending represents income to residents and businesses in the greater Terre Haute region that would not occur in the absence of the university. These "net new" expenditures are, in-turn, earned and re-spent by other regional residents and businesses in several successive cycles of economic activity, thus creating so-called "multiplier" effects in the regional economy. As presented in Table 2, after adjusting the spending figures to include only university spending in the five county area, there is a total of \$203.5 million in regional spending that constitutes the direct university-related spending impacting the Terre Haute regional economy. This spending represents the direct effects of the university, which are subject to multiplier effects and includes the following four types of spending:

University Operating Expenditures include University payroll paid to employees residing in the Terre Haute region and purchases made from suppliers in the Terre Haute region. Student salaries and wages were subtracted from total operating expenditures because these are captured in student expenditures (described below). The majority of these expenditures are derived from the revenues associated with tuition and fees, research contracts, and charitable contributions, which are attracted into the region by the University. As presented in Table 2, 78% of payroll is paid and 37% of purchases are spent in the regional economy. These expenditures by the University comprise the major share of university-related expenditures in the region, and at \$114.5 million account for 56% of the total in-region expenditures.

Student Expenditures represent the living expenses of Indiana State University full-time students. Part-time students are not included since it is assumed that most of these students

² The Jacob France Institute used the RIMS-II Economic Model developed by the Bureau of Economic Analysis of the U.S. Bureau of the Census.

already live in the Terre Haute region.³ Indiana State University estimates that each student spends \$5,846 in annual living expenditures. Student expenditures of \$50.9 million account for 25% of total in-region expenditures. Because the Terre Haute region has no regional competitors similar in size and focus, it is assumed that all student expenditures are new to the regional economy.

Visitor Expenditures represent expenditures by out-of-region visitors attracted into the Terre Haute region by Indiana State University. The many educational, sporting and other events conducted by or held at the University attract visitors from outside of the region, state and nation. There are an estimated 184,000 visitors attracted into the region in order to attend sporting events, visit students or attend meetings, conferences, or other events at the University. These visitors to the region spent an estimated \$27.6 million on hotels, restaurants, retail purchases, and entertainment in the region and account for 14% of total in-region expenditures.

Construction Expenditures consist of construction and major renovation expenditures made by Indiana State University. The University spent \$10.4 million on construction in fiscal 2005. Construction expenditures account for 5% of total University-related in-region expenditures.

Table 2
Indiana State University
Total Regional University-Related Expenditures
Fiscal Year 2005

Item	Total Expenditures	In-Region Expenditures	Percentage In-Region
Total Expenditures (Mil. \$)	<u>\$282.3</u>	<u>\$203.5</u>	72%
Total Operating Expenditures	\$193.4	\$114.5	59%
University Payroll ¹	\$104.6	\$81.4	78%
University Procurement	\$88.8	\$33.1	37%
Student Expenditures	\$50.9	\$50.9	100%
Visitor Expenditures	\$27.6	\$27.6	100%
Construction Expenditures	\$10.4	\$10.4	100%

(1) Excludes salaries paid to student employees in order to avoid double counting with student expenditures.

Source: Indiana State University

³ Some part-time students commute into Indiana from out-of-State, and in-state spending by these students could be included in this analysis. However, no estimates of this spending were available. Thus, the overall impact of student expenditures could be larger than is indicated in this report.

2.0 The Impact of Indiana State University on the Terre Haute Region’s Economic Output

The expenditures associated with Indiana State University are circulated within the region’s economy and become income for residents and businesses. As described above, this creates “spin-off” or “multiplier” effects as this money is spent and then re-spent in the Terre Haute regional economy. Thus, each dollar of new spending creates more than one dollar in economic impact, as that spending is earned and, in turn, spent by others in the region.

The estimated economic output impact of Indiana State University by expenditure category is presented in Table 3. Direct impacts are the changes in economic activity directly attributable to the University. Indirect impacts are the “spin-off” or “multiplier” effects caused by the introduction of a new spending stream into the local economy.

Total direct University and associated student and visitor expenditures of \$203.5 million are leveraged with an additional \$117.5 million in indirect spending for a combined total impact of over \$320.9 million. University operating expenditures account for the overwhelming majority of the overall economic impact of the University followed by visitor expenditure and student expenditure impacts.

Table 3
Indiana State University
Economic Output Impact on the Terre Haute Region
Fiscal Year 2005
(Millions of Dollars)

Item	Direct	Indirect	Total Impact
Total Expenditures (Mil. \$)	<u>\$203.5</u>	<u>\$117.5</u>	<u>\$320.9</u>
Total Operating Expenditures	\$114.5	\$74.4	\$188.9
Student Expenditures	\$50.9	\$22.0	\$72.9
Visitor Expenditures	\$27.6	\$14.4	\$42.0
Construction Expenditures	\$10.4	\$6.7	\$17.2

(1) Excludes salaries paid to student employees in order to avoid double counting with student expenditures.

Source: Indiana State University

3.0 The Impact of Indiana State University on the Terre Haute Region's Employment and Employee Earnings

Indiana State University is one of the major employers in the Terre Haute region. The University directly employs or supports 2,781 workers. However, the employment impact of the University, including the jobs supported by the multiplier effects, is much greater than this employment figure. The employment impacts of Indiana State University are presented by major expenditure area in Table 4. The wage and salary impacts of Indiana State University are presented by major expenditure area in Table 5.

The expenditures made by the University, its students, and visitors support an additional 2,133 jobs in the region, for a total University employment impact of 4,914. As presented in Table 5, there is a total of \$149.9 million in salaries and wages associated with the jobs at, or supported by, Indiana State University. The 4,914 jobs at or supported by the university account for nearly 5% of total estimated employment in the Terre Haute region or just under 1 in 20 jobs in the region.

Table 4
Indiana State University
Employment Impact on the Terre Haute Region
Fiscal Year 2005
(Number of Jobs)

Item	Direct	Indirect	Total Impact
Total Employment	<u>2,781</u>	<u>2,133</u>	<u>4,914</u>
Total Operating Expenditures	2,685	444	3,129
Student Expenditures	--	802	802
Visitor Expenditures	--	819	819
Construction Expenditures	96	68	163

(1) Excludes salaries paid to student employees in order to avoid double counting with student expenditures.

Source: Indiana State University

Table 5
Indiana State University
Employment Compensation Impact on the Terre Haute Region
Fiscal Year 2005
(Millions of Dollars)

Item	Direct	Indirect	Total Impact
Total Expenditures (Mil. \$)	<u>\$85.1</u>	<u>\$64.9</u>	<u>\$149.9</u>
Total Operating Expenditures	\$81.4	\$30.3	\$111.7
Student Expenditures	--	\$18.7	\$18.7
Student Spending		\$17.8	\$17.8
Aviation		\$0.9	\$0.9
Visitor Expenditures	--	\$14.1	\$14.1
Construction Expenditures	\$3.6	\$1.9	\$5.5

(1) Excludes salaries paid to student employees in order to avoid double counting with student expenditures.

Source: Indiana State University

4.0 The Fiscal Impact of Indiana State University

Indiana State University also has an impact on fiscal conditions in Indiana and in the Terre Haute region. The salaries earned by University employees and the jobs created and sustained through University spending are subject to State and local taxes. It is estimated that the economic activity supported by Indiana State University generated \$9.5 million in Indiana State income and sales taxes. The economic activity occurring on or supported by the University and generates and estimated \$12.5 million in local government revenues in the five county Terre Haute region.

Table 6
Indiana State University
Fiscal Impact on the Terre Haute Region
Fiscal Year 2005
(Millions of Dollars)

Item	Direct	Indirect	Total Impact
Selected State Tax Revenues	<u>\$6.2</u>	<u>\$3.3</u>	<u>\$9.5</u>
Sales Taxes	\$4.0	\$2.1	\$6.1
Income Taxes	\$2.2	\$1.2	\$3.4
Estimated Total County and Local Tax Revenues	\$7.1	\$5.4	\$12.5

Source: BEA, Census, Purdue Ag. Extension, and The Jacob France Institute

5.0 Workforce Development Impacts of Indiana State University

In addition to the economic impacts discussed above, Indiana State University has its most important impact on the State of Indiana and Terre Haute region through the fulfillment of its educational mission. ISU plays a vital role in the State region by providing a pool of 15,670 undergraduate and graduate students who provide the skilled and educated workforce demanded by employers. In the 2003-2004 fiscal year, ISU graduated 1,877 students, most of whom remained in-State, working at the State and region’s leading employers.

The availability of a skilled labor force is considered to be a key issue by businesses in location decisions. The presence of the University guarantees a skilled workforce to local and regional businesses. Without the University, more local and regional businesses would face worker shortages and might even not be able to operate. Universities are vital in providing a workforce with the training and skills required by the business community, particularly with the ever growing importance of high technology in today’s market. In fact, in regions like Terre Haute that are struggling with changes in the global economy and the loss of manufacturing jobs, universities play a critical bridge between the “old” manufacturing-driven and “new” technology-driven economies. While the University plays an important part in supplying local businesses with a skilled and educated workforce, the impact extends beyond the region by providing educated and skilled employees to public and private enterprises across Indiana.

5.1 Importance of Higher Education

One of the primary benefits of higher education is an enhanced standard of living enjoyed by college graduates. Higher educational attainment generally results in increased earnings and a higher standard of living. As of 1999, the median income for males with a bachelor’s degree in Indiana was 47% higher than the income of those with only a high school diploma (see Table 7). The median income for males with an advanced degree was 20% higher than the income of those with only a bachelor’s degree. The results for females were as significant; with females having a bachelor’s degree earning 47% more than women with only a high school diploma and women having an advanced degree earning 36% more than women having a bachelor’s degree. This revenue gain from additional education is significant over the course of a lifetime. The importance of higher education is highlighted by the increase in earnings associated with each additional level of educational attainment.

Table 7
Median Income of Individuals by
Educational Attainment in Indiana, 1999

Highest Degree Earned	Median Income	
	Male	Female
Average 21-64 years old	\$37,748	\$25,865
High school graduate	\$33,943	\$22,127
Bachelor degree	\$49,895	\$32,611
Advanced degree	\$60,025	\$44,216

Source: U.S. Census Bureau

A second benefit attributable to higher education is a better-educated workforce. By preparing new workers and upgrading the skills of the existing workforce, universities ensure that Indiana companies get the employees that they need. As a result, the State gains an “industrial competitive advantage” thus enabling businesses to compete more effectively regionally, nationally, and globally. According to the Bureau of the Census’ *Current Population Survey, March 2005*, 21% of Indiana’s population that is 25 years or older has completed a bachelor’s degree or higher. This is less than the national average, where 24% of persons 25 years and older have completed a bachelor’s degree or higher. Without the presence of the University, the percentage of persons in Indiana with a college education would be even lower indicating that Indiana State University plays an important role in raising the percentage of highly educated workers available in the State.

5.2 Indiana State University’s Role in Indiana Higher Education

Indiana State University accounts for 6% of the State’s total enrollment at four-year degree granting public institutions (see Table 8). The University also accounts for 6% of the State’s total full-time undergraduate enrollment and 7% of the State’s part-time graduate enrollment. Indiana State University is an important provider of part-time education. Students who enroll in part-time education are more likely to be persons whose goals include upgrading their skill sets or adding new ones. These skills then increase their value to employers and lead to increased wages.

Indiana State University is a recognized leading university providing highly educated and skilled graduates. According to the *U.S. News and World Report* rankings, 2005, the School of Education at Indiana State University was ranked among the top 100 education programs. The Clinical Psychology program at Indiana State University has been ranked in the top 100 programs in the United States and Canada by the Association of State and Provincial Psychology Boards. Additionally, the *Princeton Review* named Indiana State University as one of the Best Midwestern Colleges.

Table 8
Indiana State University's Share of Total Indiana Enrollment
at Four-Year Degree granting Public Institutions, 2003-2004
(Number of Students)

	Indiana Public Institutions	Indiana State University	ISU as Percent of Total
Total	249,739	15,670	6.3%
Full-time Undergraduate	111,962	7,152	6.4%
Part-time Undergraduate	87,895	5,631	6.4%
Full-time Graduate	18,711	708	3.8%
Part-time Graduate	31,171	2,179	7.0%

Source: Indiana Commission for Higher Education, Public Enrollment Summary By Campus: 2003-2004 Annual SIS Data 11/4/2004

5.2.1 Undergraduate Education

Undergraduate programs provide the base for the skilled workforce needed for regional competitiveness. Indiana State University plays an important role in supplying Indiana and the Wabash Valley with these productive individuals. Seventy-five percent (75%) of the degrees awarded by the University in 2003-2004 were bachelor's degrees. Of the 1,413 bachelor's degrees awarded by Indiana State University in 2003-2004, 259 were in business (41 degrees were in accounting), 249 were in education, 159 were in social science programs (99 degrees were in criminology), and 133 were in engineering technologies. Engineering technologies are summary of groups of instructional programs that prepare individuals to support and assist engineers and other professionals. They are programs that stress specialized practical knowledge related to the mathematical, scientific, or technical aspects of engineering and related sciences. The university awards 13% of the total undergraduate degrees in engineering technologies while only accounting for 4% of the total full-time and part-time undergraduate enrollment in all of Indiana. Additionally, the University awarded a total of 613 bachelor's degrees in 19 other programs. Among these are nursing and athletic training.

5.2.2 Graduate Education

Indiana State University also plays an important role in providing advanced degrees in Indiana. As demonstrated in Table 9, the University awarded 4% of all master's degrees awarded by public and private colleges and universities in Indiana in 2003-2004. Indiana State University graduated 2% of all graduate business students and 4% of all graduate education students (24 degrees were in educational leadership). The University also awarded 65% of the Master's of Engineering Technologies degrees in 2003-2004. Additionally, the University

awarded 217 master's degrees in 13 other programs including 12 master's degrees in athletic training and 10 master's degrees in nursing.

The University also has a similar role in providing doctoral degrees and while the University accounts for only 3% of the doctoral degrees awarded, it awarded over 10% of the doctoral degrees in education and 100% of the doctoral degrees in engineering technologies in 2003-2004. Additionally, the University awarded 11 doctorate degrees in three other programs.

Graduate degrees reflect a higher level of skill in an economy based on intellectual capital. Through its graduate programs, Indiana State University contributes to the state's base of highly skilled, highly educated individuals.

Table 9
Degrees Awarded by Indiana State University
and Public and Private 4-year and Above Degree Awarded Institutions in Indiana, 2003-2004

Program	All Public and Private Colleges and Universities	Indiana State University	ISU as Percent of Total
Total Degrees ¹	48,348	1,877	3.9%
Bachelors Degree	36,388	1,413	3.9%
Engineering technologies/technicians	1,020	133	13.0%
Social sciences	2,171	159	7.3%
Education	4,431	249	5.6%
Business, management, marketing, & related support services	7,774	259	3.3%
Nursing/Registered Nurse ²	1,190	33	2.8%
Other	19,802	580	2.9%
Masters Degree	10,836	431	4.0%
Engineering technologies/technicians	51	33	64.7%
Education	2,587	113	4.4%
Business, management, marketing, & related support services	3,394	68	2.0%
Nursing/Registered Nurse ²	127	10	7.9%
Other	4,677	207	4.4%
Doctorate Degree	1,124	33	2.9%
Engineering technologies/technicians	4	4	100.0%
Education	173	18	10.4%
Other	947	11	1.2%

Source: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), fall 2004 collection.

¹ Total Degrees includes Bachelors, Masters and Doctorate Degrees

² RN, ASN, BSN, MSN

5.3 Occupational Demand for Indiana State University Graduates

Indiana State University attracts students from Indiana as well as from across the United States and the world. Upon graduation, many students choose to remain in Indiana. The Jacob France Institute compared the number of graduates to projected occupational openings at two levels. The first analysis is at the State-level and the second is at the Terre Haute MSA level.⁴

Table 10 lists Indiana State University graduates compared to State-level projected occupational openings for five key degree areas. The University meets 10% of the total occupational demand for the State in these key areas, and in several key program areas, the University exceeds 10% of the State’s demand including Occupational and Physical Therapy Assistants and Aides (15%), Business and Financial Operations (12%), and Law Enforcement Workers (12%). These figures indicate that Indiana State University is an important provider of skilled workers in key areas for the entire state.

Table 10
Indiana Occupational Demand for Indiana State University Graduates

Occupation	Indiana Demand for Selected Occupations	Indiana State University Graduates, 2004	Graduates as a % of Demand
Total	9,280	901	10%
Occupational and Physical Therapy Assistants and Aides	150	23	15%
Business and Financial Operations	2,620	327	12%
Law Enforcement Workers	850	99	12%
Drafters, Engineering, Mapping Technicians	690	72	10%
Education, Training, and Library ¹	4,970	380	8%

Source: Indiana Department of Workforce Development

¹ Does not include Librarians, Library Technicians, and Teacher Assistants

Table 11 lists Indiana State University graduates compared to projected occupational openings for key degree areas within the Terra Haute Metropolitan Statistical Area. Compared to total average openings for these occupations in the Terre Haute MSA, the University meets the total occupational demand for the region. This illustrates the University’s important role in meeting not only the demand in the local and regional market, but the state and national markets as well. The University provides all of the local demand in five key occupational areas. Additionally, the presence of Indiana State University and their programs help to supply an educated and skilled workforce outside of the Terre Haute region which benefits all of Indiana and other areas that graduates may choose to locate.

⁴ Data are from the Indiana Department of Workforce Development occupational projections. Data were downloaded from <http://www.in.gov/dwd/>. The occupational estimates for estimated annual openings are for the 2000 to 2010 period. In the Terre Haute MSA, due to data constraints, there is no occupational demand data available for certain occupations.

Table 11
Terre Haute, Indiana MSA Occupational Demand for Indiana State University Graduates

Occupation	Terra Haute MSA Demand for Selected Occupations	Indiana State University Graduates, 2004	Graduates as a % of Demand ¹
Total	350	901	257%
Drafters, Engineering, Mapping Technicians	10	72	720%
Business and Financial Operations	80	327	409%
Law Enforcement Workers ²	40	99	248%
Education, Training, and Library ³	220	380	173%
Occupational and Physical Therapy Assistants and Aides	N/A	23	N/A

Source: Indiana Department of Workforce Development

¹ Indiana State University is an important provider of education both regionally, statewide, and nationally. Graduates may take their skill sets to other occupations and locations. Thus, the total number of graduates may exceed regional demand.

² Law enforcement workers are assumed to be persons with a degree in criminology.

³ Does not include Librarians, Library Technicians, and Teacher Assistants.

6.0 Public Service, Educational, Cultural, and Community Contributions

Beyond providing a high quality education to its students, Indiana State University devotes a substantial part of its efforts to working in the local community, the state and in the region. The University is involved in a variety of national, state, and local initiatives to promote economic development and improve the overall general public education, health and welfare in the Wabash Valley region. The mission of Indiana State University is to remain the center of academic, intellectual, creative, and cultural activities within Terre Haute, Indiana and the Midwest, and to educate its students with a global perspective enabling them to function effectively in today's global economy. However, Indiana State University also impacts the local communities through the activities of faculty and students in its six colleges. The University is dedicated to creating lasting partnerships with the local community, regional and national businesses, and state and local government agencies. The provision of assistance to small businesses, support for agencies of local and regional government and outreach to members of the local community are all vital to the interests of the University and the region alike.

Indiana State University students, faculty, and staff support and participate in numerous community service projects, research activities, and practical hands-on experiences that enhance the economic and cultural vitality and quality of life in the region. The activities occurring at or supported by Indiana State University play an important role in making the Wabash Valley, and the Terre Haute region a better place to live. The University's primary objective is to serve as a center for learning, but, in fulfilling its educational mission, it organizes, hosts, supports and sponsors educational events of international, national, regional, and local interest. The colleges within the University are applying the idea of community outreach by organizing various cultural activities, partnering with communities, working with businesses and government agencies, promoting faculty and student engagement in volunteer services, supporting efforts to improve primary and secondary education, improving local public health by offering clinical programs for local residents, and many more. The following section presents a sampling of activities in which the University's colleges and library are directly involved.

At the University-level, **the Center for Public Service and Community Engagement (CPSCE)** is enhancing the quality of life in the Wabash Valley and throughout Indiana by providing opportunities for nonprofit and for-profit organizations, governmental agencies, and citizens to access the services and programs of the University. CPSCE creates partnerships between the University and its various communities built upon the belief that these strong reciprocal relationships can transform the lives of ISU students and the quality of life in the community. The foundation of the University's programs in community engagement and outreach is community-based learning – a teaching and learning strategy in which students participate in organized service activity that meets identified community needs and enhances the students' understanding of the academic discipline.

3.0 6.1 College of Technology

The College of Technology not only provides the knowledge and skills to prepare people to create, understand, apply, manage, and evaluate technology both ethically and responsibly, but also contributes to the areas of state economic development, technology transfer, professional development, and community service in the region and state. The college encourages partnerships with schools, businesses, industry, and other agencies through co-op programs,

internships, and research and development projects to expand access to higher education and better prepare a future workforce. Several of the College of Technology community outreach services are listed below.

- **Technology Services Center (TSC)** offers the knowledge, talents, and resources of Indiana State University's College of Technology to regional business and industry. Through a variety of outreach activities, the center establishes and expands partnerships with area agencies, institutions, and organizations which allow for a "one-stop-shopping" approach to the center's high quality training and consulting services. The TSC offers collaborative research, technical assistance, training, policy analysis, and project consultation in a wide variety of industrial and manufacturing areas. To accomplish this, the center links clients with expert faculty professionals, outsourced talent and support, and state-of-the-art technological equipment and laboratories. The Center currently serves about 20 companies.
- **Indiana Packaging Research and Development Center** provides a variety of services to meet the packaging design, testing, and troubleshooting needs of business and industry. Services provided by the Center comply with all recognized standards using state-of-the-art and certified equipment. Center personnel are experienced professionals who are also active researchers in the field. Customized services and training is also made available to companies.
- **Center for Systems Modeling and Simulation (CSMS)** is applying its academic expertise in industrial engineering and systems modeling to work with Union Hospital's Emergency Services, Columbia House's Terre Haute facility and other industrial and business organizations to help facilitate smooth, efficient work flows. The Center boasts intellectual resources in systems engineering, computer science, industrial and mechanical engineering, management information systems, finance, organizational change and business management to analyze and simulate complex systems in manufacturing and construction, telecommunications, information systems, health care, transportation, energy and power, among other industries. The overall goal is to improve their performance and to reduce their costs. This relatively new center has already completed three projects last year and expects that number to grow significantly.
- **Center for Automation and Systems Integration (CASI)** is a center of excellence focused on research and development in the areas of automation, control systems, and systems integration. CASI brings together academic and industry professionals to advance the field of automation and systems integration and provides a primary means of enhancing collaborations. CASI activities include systems integration projects with industry (e.g., consultant listing and student internships); regular workshops and seminars, including the annual CASI-Tech Conference; electronic clearinghouse; research activities; grant writing; and curriculum development.

6.2 College of Nursing

The College of Nursing prepares both students and practitioners to function as competent, caring providers of nursing for diverse client populations. The College has contracts with more than 50 health-related agencies in Terre Haute and surrounding areas for clinical laboratory

experience. An innovative continuing nursing education program accredited by the American Nurses' Association has served its alumni and other practicing nurses since 1970. Besides providing nursing education, the College operates several clinical centers that provide access of various services to residents. Some of the services that are offered include the following:

- **Sycamore Nursing Center (SNC)** is a perfect example of combining community engagement with learning opportunities for students. This center, which is a charter member of the National League for Nursing Council of Nursing Centers, provided 250 free physical exams for both adults and children last year. Students and faculty also provided 269 children aged 1 to 18 months with free vaccinations and 160 individuals and families with continuing professional nursing care in their homes through the Home Health Care program. Last year the Home Health Care coordinator and students gave health assessments, promotions, and maintenance care in 690 homes. In total, the SNC has served almost 1,000 Hoosiers who would not have had preventative and/or nursing care if the center was not at Indiana State University.
- **Sigma Theta Tau International Honor Society, Lambda Sigma Chapter** provides numerous opportunities for professional development for both students and graduates. The College's nurse-managed center provides nursing services to the community as well as educational, practice, and research opportunities for students and faculty.
- **The Landsbaum Center for Health Education** provides educational facilities to second-year medical students from the Terre Haute Center for Medical Education, Indiana State University College of Nursing students, and resident-physicians in Union Hospital's Family Practice Residency Program. Attached to the Family Practice Center on the Union Hospital campus, this new educational center offers unique opportunities for health improvement and team learning through partnership and multidisciplinary education. This facility supports the educational requirements of the local healthcare community thereby improving the quality of care available in the region.

In all, Indiana State University's College of Nursing is a valued partner in West-Central Indiana. It's faculty view service to community as a learning opportunity for students and incorporate these two concepts into programs that have improved the quality of life for thousands of Hoosiers who reside in West Central Indiana.

6.3 College of Business

The primary focus of the College of Business is to provide excellence in teaching. In tandem with this commitment, faculty engage in applied and educational research, develop relationships with the business community, and provide service to the region and to their professions. Students are participants in a collaborative learning environment that prepares them to take leadership roles in both public and private organizations. Outreach programs in the College of Business provide training and services for the financial services industry, insurance and risk management, small businesses, and other business organizations. Some examples of these services are listed below.

- **The Center for Research, Enterprise, and Economic Development (CREED)** provides a means to coordinate the various external activities of the School of Business, ensuring the

creation of synergies, as opposed to working independently with possible overlap and duplicate efforts. The Center supports research efforts that can be used to solve business problems in the region, which leads to a greater number of faculty providing consulting services to businesses in the region. Additionally, the Center enhances the College of Business' ability to play a significant role in assisting with the coordination of economic and workforce development efforts throughout the region and state.

- **Small Business Development Center** provides consulting services to small businesses within the region and assists new businesses in start-up planning. The Small Business Development Center offers several services which include: free counseling; seminars on business planning and marketing; libraries containing instructional books and video tapes for the business; assistance in writing a strong business plan to help with financing; and access to CD-ROM database resources designed to quickly acquire references and recently published articles pertaining to a variety of business issues. The Center also coordinates faculty consulting services primarily targeted at larger, more complex businesses with a variety of consulting needs. In addition, the Center sponsors seminars, workshops, and leadership training for state and regional businesses. Services are provided through the SBDC on a no-cost basis to small businesses. Over 400 businesses and individuals each year are served through the high-quality programs offered through the Center.
- **Sycamore Business Advisors (SyBA)** is a capstone course that performs as a strategic planning consulting business through which businesses and not-for-profits can "hire" ISU business students to solve their problems in marketing, organization, or production. Several groups benefit from the experience: students, the business community, community organizations, the College of Business and Indiana State. SyBA is very student driven, and the success of each client business is truly in the hands of the student leadership assigned to the project.

Typically, the SyBA class is divided into groups and each group works with a specific client. Previous clients have included, among others, Billie Creek Village, the Wabash Valley Community Foundation, ISU's Center for Public Service and Community Engagement, and Kids Wagon & Kreative Korner. Ninety percent of students' time is spent working outside of the classroom, meeting with clients, fellow employees/students and compiling recommendations for the businesses.

- **Gongaware Center for Insurance Management** undertakes cooperative ventures with the insurance and financial services industry as a means of developing current personnel into industry leaders. The Center also attracts and recruits additional numbers of high ability students to ISU's Insurance and Risk Management program.
- **Networks Financial Institute** is an outreach program that provides new directions in financial services for Indiana, the nation, and the world. It strives to facilitate broad, collaborative thinking, dialogue and progress in the evolving financial services marketplace, focusing on the areas of education, outreach and research. NFI will be a leader in preparing students for careers in the financial services industry. The program was created from a four-year grant of \$20 million received in October 2002 from **Lilly Endowment Inc.** (the largest gift in the university's history). Networks' headquarters are in Indianapolis, with satellite offices in Terre Haute on the ISU campus, Washington, D.C., and a yet-to-be-determined

international location. Networks will allow ISU to bring the brightest minds together, to bring faculty, students, scholars, practitioners and executives into an educational setting that can be expanded to deal with issues in the financial services industry as they may arise. One direct way in which this is done is through the Networks Scholars program that provides scholarships to the brightest students who are interested in the finance industry. Another is the Regulatory Reform Summit in which national leaders in the industry gather in Washington, D.C. to discuss issues in the field. One of the exciting endeavors currently underway is an effort to develop financial literacy in youth across the state.

- **Leadership Development Institute (LDI)** offers certification programs, workshops and facilitation services using effective approaches to problem-solving leadership and professional development. The LDI promotes the application of Servant Leadership, Adaption-Innovation Theory, and Creative Problem Solving and offers a variety of courses and programs that are open to the public. Customized programs can be arranged with the Institute.
- **The Young Entrepreneur Program (Y.E.P.)** is a three-day summer program for ten to fourteen year-olds interested in entrepreneurship. The program emphasizes entrepreneurial skills such as creativity, team building and financial and technology knowledge.

6.4 College of Arts and Sciences

The College fosters an environment that advances innovative and integrative inquiry and engagement, builds on faculty expertise and institutional heritage, and involves students as collaborators in enhancing and developing the public good. The College offers numerous educational programs and community outreach services, including:

- **Center for Remote Sensing and Geographic Information Systems** was founded in 1973, and is located in the Department of Geography, Geology, and Anthropology. The Center is comprised of a research facility and a teaching facility for the applications of remote sensing and geographic information systems (GIS). Remote sensing refers to data acquired at a distance from an object and includes aerial photography, digital video data, and satellite data. GIS is a computer based information technology that is designed to manage, analyze, and display spatial data. The Center assists students, faculty, and external groups with analysis and modeling of environmental problems.
- **The Center for Economic Education** helps raise the level of economic understanding in West-Central Indiana in particular and the State in general. The Center develops programs, materials, and evaluation instruments to facilitate instruction on the American economy and its role in the world economy in particular, and the concepts relating to market economies and free enterprise in general. The Center cooperates with schools, educational agencies, business labor, agricultural, and community groups. Faculty and staff conduct and promote workshops, pre- and in-service training programs and other training to teachers and educational administrators from all grade levels to improve both the quality and quantity of instruction of economic concepts in the standard curriculum.
- **Liberal Education and America's Promise (LEAP)** campaign is an initiative designed to expand public and student understanding that college and university graduates need much

more than technical skills to be successful. The LEAP campaign is designed to spark public debate about the knowledge, skills and values today's students need; to challenge the belief that students must choose either a practical education or a liberal education; to make visible current inequities that steer low-income students to programs that teach narrow job skills while more advantaged students choose liberal education; and to document national and state progress in providing every student with access to a high-quality, liberal arts education. The University has joined the Association of American Colleges and Universities in promoting the importance of a liberal education for all students through the LEAP program.

- **The Women's Studies Department** offers an interdisciplinary field of study that is concerned with difference, history, and social justice, especially regarding gender, race, class, age, and sexuality. The main goals are: to introduce the histories of women, understand relationships among gender, race, age, and sexuality, learn about same-sex, cross-sex, and cross-cultural differences, communicate across differences, not necessarily overcoming them, explore different kinds of societal oppression, form educated opinions, study the politics of education, and to know the history and practice of feminism. The ISU Women's Studies Department is active in a host of community service activities, such as Take Back the Night, to improve public awareness of women's issues.
- Indiana State University's **Department of Music** is involved in offering over a hundred concerts and events each year that enrich the lives of those living in Terre Haute and draw visitors to the campus and community. The **Mid-States Marching Band Contest** and **ISSMA Regional Marching Band Contest** combined gather over 11,000 people in Memorial Stadium. The admission-free **Artist Series** brings artists and audience members from outside Terre Haute to campus. The **Contemporary Music Festival** stands alone among other contemporary music festivals by emphasizing symphonic music and featuring a major professional orchestra. In addition to drawing almost 3,800 people, the festival introduces students to the lives of professional composers, performers, and critics and helps generate public interest in 20th Century orchestral music.
- **The Terre Haute Symphony** is Indiana's oldest symphony with a mission to provide high-quality symphonic music to families, young people, and veteran concertgoers in the Wabash Valley. Many of the members of the symphony are associated with the Department of Music and it is unlikely that Terre Haute would be able to support a symphony without the University.
- **The Department of Theater** is offering a wide variety of cultural events in the Wabash Valley. One example is High School Workshop Day, an opportunity for Indiana high school students to attend workshops with faculty and students in acting, design, technical theater, playwriting, and directing. The Department organizes the Crossroads Repertory Theatre, which provides undergraduate and graduate students the invaluable opportunity to work directly with theater professionals from places throughout the United States and from a different country each summer. The mission of Crossroads Repertory Theatre is to present compelling, thoughtful and diverse theater in the city of Terre Haute, Indiana from mid-June through late-July of each year. The program includes both classic and new plays and musicals, as well as educational programs and staged readings of new plays. Each summer, Crossroads mounts four to five plays, with six to eight performances of each play. Last summer 3,965 tickets were sold and, based on company surveys, there were audience

members attending from 12 different counties in Indiana, 6 counties in Illinois, 2 counties in Ohio, and from 16 other states. Since 2000, there have been anywhere from 3,000 to 5,000 people attending summer performances. In addition, 300 people attended performances of Crossroads Repertory Theatre productions in Mannheim and Heidelberg, Germany in May 2004 and over 350 people attended a performance of a Crossroads Repertory Theatre show in Sligo, Ireland in August 2005.

- The **Office of Continuing Education** offers a wide variety of activities and courses to lifelong learners in the community, including:

The **Convocations Series** offers a wide range of nationally and internationally known arts programming ranging from Broadway musicals, ballet theatre, opera, and classical music.

The **University Speaker's Series** brings four to five nationally recognized individuals, including political figures, journalists, and authors, to address the campus and local communities.

The Wabash Valley Educational Alliance (WVEA) began as a consortium in 1994 in Terre Haute, Indiana. WVEA consists of Wabash Valley educational institutions and the Western Indiana Workforce Investment Board. WVEA connects education to the community through partnerships with business and industry and by serving as a valuable resource for economic development. The University's relationship with the Wabash Valley Educational Alliance has been a long and prosperous one. The WVEA consortium of area institutions and educational entities has provided numerous opportunities for growth, but most importantly, enriched the partnerships with each other and with the local communities.

The Dewey Institute for Lifelong Learning (DILL) is a non-profit, membership organization open to all adults in the Greater Wabash Valley, regardless of age or educational background. At its center are academic programs that are designed by its members and tailored to suit their interests. All of these programs (lectures, courses, and special events) are offered without concern for prerequisites, credit, or grades. Indeed, the only prerequisite for membership is a love of learning. The Dewey Institute emphasizes collaborative leadership and active member participation. Although members volunteer their time to carry out its primary organizational responsibilities, it is the support of Indiana State University that makes these programs possible.

Many of the College of Arts and Science's departments work with companies and other employers in the region to support economic and workforce development. The **Chemistry Department** and **Interior Design Program** both regularly work with local companies and **Dietetics Program** places its students in nearly all local commercial food facilities for internships. The **Social Work Department** works with the local social service community on continuing education projects and student placements.

6.5 Health and Human Performance

The College of Health and Human Performance was established in 1965 and consists of the Departments of Athletic Training, Health, Safety, and Environmental Health Science, Physical Education, and Recreation and Sport Management. The primary curricula in the School are designed to prepare students to enter the following professional fields:

- Health and disease/injury prevention careers in community health education, recreation therapy, athletic training, exercise science/fitness, environmental health, occupational safety management, and driver and traffic safety;
- Teaching careers in health education or physical education, with specializations in coaching; and
- Management careers in fitness, recreation, safety, and sport. In order to provide students with greater career flexibility, opportunities are also offered in the following areas: occupational toxicology/industrial hygiene and driver and motorcycle safety education.

The College of Health and Human Performance emphasizes hands-on learning opportunities for its students, and the College's students and faculty contribute to the quality of life and economic vitality in the region by working with local agencies and companies.

Athletic Training has both direct and indirect effects on the local and regional economy. First and foremost the department supplies the athletic training support staff for the three Vigo County School Corporation high schools (two per school). These placements have an effect on referrals, treatments, rehabilitation, and other health care and economic decisions. In any given year it is possible that the department will also have arrangements with any of a number of other local schools such as Northview, Sullivan, Greencastle, South and North Vermillion.

In addition the department serves to supply all of the Certified Athletic Trainers for Indiana State University as well as the supporting role played by eight graduate assistant assigned to the five full-time professionals. These ATC's service almost 400 athletes a year and all the attendant first response, diagnosis, referrals, treatment and rehabilitation of these intercollegiate athletes and their health care and economic decisions.

The majority of the professionals in these same positions in local institutions, (e.g. Rose Hulman, St. Mary-of-the-Woods, and Depauw University) are either our graduates, previous employees, or in some other way closely allied with ISU. In addition ISU faculty have for several years taught athletic training classes in Japan. That influx of foreign spending positively affects the university, the state and the national economy.

The staff and faculty of the Athletic Training Department, as members of the oldest certified program in the United States, have always served in leadership roles within the athletic training profession specifically the NATA. Often this reputation and these contacts have brought both direct and indirect benefits to the University, the city, and the region. ISU is known locally, regionally, nationally, and internationally for its expertise and outreach in the field of athletic training.

Athletic Training is a magnet major for the University. Approximately 100 students come to ISU every year with hopes of gaining admission to the upper division Athletic Training program. Although most will not be selected for this prestigious program, the majority of these students remain at the University and enters other 'found' majors.

In the area of **Industrial Safety**, 1) the College and Safety Management faculty participates with the local safety council involving area businesses; 2) includes well known safety professionals on both national and local advisory committees to keep on top of what various industries are needing in terms of safety education; 3) in classes the students go to various local and regional businesses to develop human factors/ergonomics and system safety

solutions to problems the companies may be experiencing; and 4) faculty are working with the National Association of Industrial Technology, our accrediting body, and the Board of Certified Safety Professionals so our students will graduate with the Graduate Safety Professional certification and thus will be more marketable to employers as they have demonstrated an industry standard of expertise. In the area of **Environmental Health** the College's faculty and students work with local Departments of Health on water quality, food safety, air quality and other environmental health issues. Students in the environmental health program obtain practicum experience through an internship program with private and governmental institutions.

The students in the Community Health Promotion major participate in many activities that benefit the community. Students teach classes for the American Red Cross, volunteer at the American Cancer Society, work the Well Child clinic, the local health department and the Mental Health Association office. They have assisted the above organizations with fund raising. They have also taught sessions on health issues to diverse populations within the community.

The Physical Education Department has a strong commitment to education and affecting the health and wellness of the students, staff, and citizens of ISU and the local community. These effects can have profound direct and indirect economic impact on the University, City, and State.

The teacher preparation curriculum has extensive interactions with local and regional K-12 schools. The majority of K-12 schools, within a 50-mile radius, have an opportunity to work with both pre-service and student teaching candidates. In addition the faculty often offer teachers post-graduate, in-service training. At the state level, ISU faculty are heavily involved with IAHPERD as well as the Regional AHPERD governance body and serve on the board, which determines the site for state meetings as well as content for dissemination to practicing K-12 teachers.

The exercise science tract has current students and alumni who staff the majority of the local exercise/fitness facilities, (e.g. YMCAs, YWCAs, Boys and Girls Club, Wabash Valley Family Sports Center, etc.). Many of its students and alumni offer personal training services, either as individuals or through those facilities. ISU students and alumni staff the majority of the fitness/wellness/exercise clinics offered through the health care facilities such as Regional and Union Hospital.

Many Indiana State faculty are recognized at the state, national or international level for their expertise and are sought for their knowledge. Many serve on professional as well as service boards such as American College of Sports Medicine, Girl Scouts of America, YWCA, etc. Several of ISU's exercise scientists have worked at the National Governing Body or USOC level to improve athletic sport performance, e.g. USATF, USA Swimming USTA. Faculty regularly appears or are featured in local, regional, and national media.

The two majors have approximately 250 students at ISU. In addition minors are offered in Dance, Martial Arts, and Strength and Conditioning from which the participants spread throughout the local region offering dance classes, martial arts training, and strength and conditioning. Many of the coaches for ISU supplement their team budgets by instructing for the coaching endorsement program, using their expertise and knowledge, provides ISU the opportunity to produce and interact with many of the coaches in the Wabash Valley.

The College of Health and Human Performance also works with local schools. It teaches Driver Education in several local schools; teaches motorcycle rider education in the local area and provides Athletic Training services to local high schools and colleges for a fee paid to the Department of Athletic Training and College.

Several of the College of Health and Human Performance community outreach services are listed below.

- **Indiana State University Field Campus** located near Brazil, IN is a 74-acre natural setting serving Wabash Valley. It annually serves an average of over 4,500 individuals representing ISU academic and student groups as well as classes, elementary and secondary schools, special populations (people with disabilities), and corporate groups. The Field Campus has a teams course, climbing tower, and high ropes course as well as a classroom building, and multiple lakes and hiking trails. The Department of Recreation and Sport Management provides leadership to the Field Campus.
- **Driver and Traffic Safety Center** is an adjunct of the Department of Health, Safety, and Environmental Health Science. DTSC serves over 500 youth drivers annually providing initial driver training. In existence since 1966, DTSC has served some 20,000 youth in the Wabash Valley over that period. The program provides year-round services in Terre Haute, Sullivan, and South Vermillion. The DTSC additionally provides teacher education for driver education instructors and has done so since 1947. DTSC is also the west-central Indiana home for motorcycle rider education programs, jointly sponsored with the Department of HSEHS. The program is an innovator in providing seminar and hands-on training in motorcycle safety.
- **The Center for State Park Research** is funded by the National Association of State Park Directors and provides technical assistance for the 50 state park agencies in the United States as well as serving as a clearinghouse for technical data. The technical data is collected on an annual basis and is the single national source for information on state parks. The Center provides statistical data for the U.S. Census Bureau, the annual Statistical Abstract of the United States, Lexus-Nexus, the New York Times Almanac, and various state and regional statistical agencies.
- **The Center for Recreation Management** provides continuing education for professionals in Indiana. This has included Aquatic Facilitator Operators Course, park board training, provided input to master plans, interpretation of the Indiana State Code, and inclusion of students and faculty within the Department serving throughout Indiana.

6.6 College of Education

The College of Education does more than prepare individuals to educate and administrate educational facilities. The College collaborates with a wide range of Indiana State University faculty and staff and with community agencies. It has established professional development schools and a partnership with the North Central Association for accreditation of Indiana's schools. It seeks to link reform in schools to reform in the preparation of teachers and other professionals. The College of Education offers a variety of educational and community outreach programs of which several are described below.

- The **Professional Development School Partnership** program is a collaborative effort between the University and five area school districts. It is currently made up of 20 public schools and Indiana State University. Through this partnership, students, teachers, and administrators of the schools and the University have come together to enhance education and training at all levels for over 10 years. The PDS program links reform and improvement in the public schools to the preparation of educators. As an important feature of the program, ideas for reform, change, and restructuring are developed in a cooperative effort between public school teachers and the University's faculty. In addition to the benefits these efforts bring to the public schools, Indiana State University education students are provided with the opportunity to gain invaluable multiple field experiences from teachers who work with the schools, the University, families, and their community. Through this method, learning is enhanced for all audiences and participants of the PDS program.
- Having expanded to five districts with twenty schools involved, the partnership is now an integral component of the **Project Partnering to Reform Education (PRE)** grant. Project PRE gives the university and schools in the ISU Professional Development Schools Partnership the resources to transform the teacher education programs to more clinically-based programs, getting education students more involved in the learning experience while furthering the professional development of the teachers already in the field. Teachers in the Partner schools have many opportunities to expand their specific content area knowledge through summer workshops. Summer workshops also provide an opportunity for learning how to integrate computer technology into classroom curriculums. Enhancing the leadership skills of partner principals is also included in the grant activities.
- **The Center for Mathematics Education** offers an operating Mathematics Teacher Resource Library where local teachers and pre-service students can check out materials to use in their classrooms to improve mathematics education in local schools. It's a place where educators, parents and others can get products and resources to enhance the overall math learning experience for children of all ages. The library currently has more than 1,000 math resource materials available, and more will continue to be added in the coming months and years. Some of the items presently available include mathematics and literature books, storybooks, teacher resource books, software, graphing calculators and mathematical games. The Center also sponsors programs like SMART – an after-school math tutoring program that incorporates art, music and literature into the learning process, and is designed to give elementary age students (grades 2-5) more hands-on opportunities in math and to improve their chances of succeeding.
- **Sycamore Educators Day**, organized by the College of Education, provides a perfect opportunity for current and future teachers to network and learn more about programs and issues of vital importance to their profession. Teachers and administrators can take advantage of a wide variety of workshops on technology, best practices and leadership challenges in education. Some of the many professional development sessions on the program are: "Incorporating Technology into Mathematics Education," "Video Conferencing for the Classroom Teacher," "Virtual Economics," "Networks Financial Institute's Financial Literacy Programming for Indiana Schools," "Leading Teachers in Difficult Times," "Writing Through the Arts," "Tai Chi for Health: An Option for Stress Reduction in Educational Settings," and numerous others.

- The **Blumberg Center for Interdisciplinary Studies in Special Education** was established in the fall of 1985 using funds donated by Fannie and Benjamin Blumberg to the Fannie Blumberg Memorial Fund in Special Education and the Benjamin Blumberg Memorial Fund for Gifted and Emotionally Disturbed Children. The Center was established to encourage the interdisciplinary study of populations with special needs, ranging from persons with severe disabilities to those who are gifted and talented. Over the years, it has obtained both Federal and State grants focused on developing and improving services for these individuals. The Blumberg Center includes faculty, students, and staff from the Department of Communication Disorders; the Department of Elementary, Early and Special Education; and the Department of Educational and School Psychology at Indiana State University. Over the years, the center has facilitated and supported the efforts of the Indiana State University Department of Communication Disorders and Special Education and the Department of Educational and School Psychology in research and program development for the benefit of exceptional children and adults in a true collaborative spirit. The departments have many noteworthy achievements toward that end. Whether providing seed money for projects, financial assistance for travel, or other support, the Center is committed to working with both departments to continue the Blumberg legacy. As an example the Center hosts the annual Family Learning Weekend, where families of children with dual sensory impairments can meet, share experiences, and have fun.
- **Transition to Teaching program (T2T)** provides individuals who possess a bachelor's degree in business from an accredited institution of higher learning the opportunity to earn licensure certification to teach middle school and high school business courses in the state of Indiana. Admission to this program is made through the School of Education.
- **Teacher Academy** workshops are week-long intensive summer workshops focusing on content knowledge and content teaching methods. A stipend is available for teachers from the Professional Development School partner schools who successfully complete the program; however, attendance is open to all teachers in the PDS partner districts on a space available basis. Each year the workshops are dedicated to different educational areas. For example, in summer 2004 it was mathematics, 2005 - Science/Health, in 2006 it will be Social Science, Fine Arts, Family & Consumer Science, Business Education, 2007 - Language Arts/Reading, 2008 - Spelling, Literature, and Foreign Language.
- The **Rowe Center for Communicative Disorders** offers assessment and treatment for communication disorders. The Center's Audiology Clinic offers hearing testing and provides audiologic rehabilitation services (such as speech reading training). The Center's Speech and Language Clinic offers speech and language assessments and treatment for a wide range of speech (articulation/ESL, voice, stuttering) and language (delayed/disordered language development, aphasia, traumatic brain injury) disorders for preschoolers, school-age children, and adults at no cost. The center enhances learning at both the undergraduate and graduate level by providing frequent opportunities for students to observe and practice classroom theories in a clinical situation. The center includes therapy rooms with two-way mirrors and sound monitoring systems, an audiology suite, a videotaping and playback viewing suite, and a speech-science laboratory.

- The **Office of Educational Outreach (OEO)** provides assistance to members of the faculty and staff of the College of Education and to personnel in schools and related agencies in the Terre Haute metropolitan area and serves as a clearinghouse and catalyst for interdepartmental, intercollege, interinstitutional, and interorganizational collaborations. The OEO seeks to enhance the outreach activities in the College of Education.
- **Office of Educational Research and Evaluation (OERE)** provides assistance to members of the faculty and staff of the College of Education and to personnel in schools and related agencies in the Terre Haute metropolitan area in the design, conduct, analysis, and dissemination of research and evaluation projects completed in educational and related settings. Services provided by the OERE include: electronic data base searching, proposal development, budgeting, forms preparation, document submission, and project management. OERE also offers research design and methods consultation for students and faculty.
- **Summer Programs in Science Education** are organized by Indiana State University Science Education program. The Camp is open to children who have completed (or are in the process of completing) grades K-7. The program is administered in cooperation with the Center for Science Education and with students who have completed the Science Methods course or are presently seeking their master's degree. It also provides the Indiana State University students with a mock classroom setting to gain teaching experience. Indiana State University students, faculty, and staff are working directly with participating parents and children. The programs for the elementary students are based on scientific methods, problem-solving, thinking skills, and hands-on activities that are appropriate for each age group.
- **The Association Liaison Office (ALO)** for University Cooperation in Development, a coalition of six major higher education associations, in cooperation with the U.S. Agency for International Development granted Indiana State University a \$100,000 award for project with Mzuzu University from Malawi. The two summer workshops at Indiana State and interim projects in Malawi will help the Mzuzu University faculty members develop elementary- and secondary-level teaching units on conservation and environmental concerns.

6.7 Cunningham Memorial Library

The library provides support to a campus of over 11,000 students, and more than 2,000 faculty and staff. The library serves as an information gateway to resources around the state, nation, and the world, promotes the educational and research missions of Indiana State University by providing the collections, services and environments that lead to intellectual discovery, creativity, and the exchange of ideas. As the largest university library in West-Central Indiana, with collections totaling 1,317,589, the library serves as a critical connection to the world for many in the area and throughout the state. Community members use library computing facilities and check out ISU library materials. Also, the government documents unit of the library is accessible to the public as an eighth Congressional District of Indiana Depository Library. In addition, the library has signed agreements with other university, community, and on-campus libraries to increase access to information resources. These include Rose-Hulman Institute of Technology, St. Mary-of-the-Woods, University of Southern Indiana, Vincennes University, Indiana University, Purdue University, Ball State University, University of Notre Dame, and Vigo County Public Library.

In addition to providing resources, Indiana State University's University is active in promoting community outreach. One of the exciting examples of how the library applies its expertise to aid the community is its hosting of the Wabash Valley Visions & Voices: a Digital Memory Project for West Central Indiana. This project is dedicated to the documentation and preservation of the region's history and cultural heritage in print, pictures, and sound. As a collaborative effort involving the Wabash Valley's libraries, museums, cultural organizations, local government, and community groups, the project provides free access to its digital collection via the Internet and promotes remembrance and lifelong learning.

Without the support of ISU library, many participant organizations would be unable to provide universal access to their historical collections via the Web. Indiana State has been widely recognized for its leadership on this project. Karen Walker, Director of the Clinton Public Library noted, "The opportunity to partner with the Indiana State University Library means that our small library is able, at minimal expense, to preserve a unique collection of local resources and make them available to students of Indiana history. In so doing, we are promoting our library's collection as well as the rich history of the Clinton community." John Robson, Institute Librarian for Logan Library at Rose-Hulman Institute of Technology, echoed this sentiment when he wrote, "Rose-Hulman had tried for over two years to develop its own Web site for displaying digitized archival materials in all formats. ... But such a level of professionalism was hard for us to deploy on our own—both financially and technically. ISU [Library], however, had a 'vision' that they could leverage their more extensive resources to create a dynamic database of historical materials trapped in individual repositories." Dr. Nancy Conner, Director of Metadata Collaborations for the Indiana Humanities Council, stated that Wabash Valley Visions & Voices exemplifies "the innovative thinking that goes on in this community. [It] is a unique project in the state of Indiana."

Wabash Valley Visions & Voices is designed in accordance with accepted national and state standards and will become part of the envisioned *Indiana Digital Library*. Its model is the first of its kind as it is driven by people at the grassroots level rather than being project or format based. The Wabash Valley Visions & Voices project continues to grow as new organizations, communities, and private citizens join the effort to create a regional digital repository to preserve and provide access to their history and culture as citizens of the Wabash Valley.

The library provides ongoing computer training for senior citizens at Westminster Village Retirement Community on such subjects as finding reliable health sources on the Internet and how to use Microsoft Word. In addition, the library provides instruction classes to Ivy Tech students. Just this fall, the library offered computer searching instruction to an Ivy Tech IBEW apprentice program.

The library helps high school students develop skills in library research. A number of students from Northview (Brazil), South Vermillion (Clinton), and Terre Haute high schools visit the library each semester to conduct in-depth research and receive computer instruction. Students learn basic and advanced searching methods, how to evaluate websites, and are given access and instruction on how to use the library's print and database collections for intensive research. Also the library organized a training session for high school educators on searching for online information within the state-supported INSPIRE databases. This session took place at a local high school, and was aimed at exposing educators to the freely accessible databases, with special emphasis on how they can introduce these resources to their students.

In addition to actively leading community projects, the library is fast becoming a learning experience for those on and off campus. Events such as the Authors and Artists reception, which celebrates Wabash Valley publications and artistic productions, and the Writer's salon, which features local works, provide the public with opportunities to meet the region's most creative thinkers. Cultural and ethnic awareness events, presentations, panels, classes, space for discussions and learning are all aspects of the library that contribute to the quality of life and intellectual talent of the Wabash Valley.

6.8 Additional Community Contribution

Indiana State University plays an important role in the development and the growth of west-central Indiana and to the entire State beyond the programs listed above. The University is committed to working in partnership with the community to develop and maintain prosperous businesses, attractive job opportunities, and to provide a healthy environment. Several of the University's economic development and other initiatives which include partnering with the local communities and with local businesses are listed below.

- **Sycamore Technology Solutions (STS)** is an excellent example of community engagement and active learning. This student-managed and operated company is designed to fulfill the technology goals and support needs of the United Way member agencies and other not-for-profit organizations. STS was created to give junior and senior students majoring in Computer Science, Electronics and Computer Science, Information Technology, Management Information Systems or other computer-related majors a chance to get some real world experience in their fields. This concept was developed and is overseen by the Office of Informational Technology.
- In 2005, **Downtown Terre Haute, Inc. (DTH)** relocated to the ISU campus. Its mission is to preserve, create and promote a downtown neighborhood that is a vibrant hub for business, entertainment, government, arts and educational activity, attracting both local residents and area visitors. Some of issues DTH is working on are: balancing the needs of business owners with those of the growing residential population; facilitating the development of a "college town" atmosphere downtown; identifying and strengthening the Arts Corridor; encouraging small businesses with local flavor; and promoting the diverse restaurants and entertainment venues in the neighborhood.
- **The West-Central Indiana Area Health Education Center (WCI-AHEC)** is a program designed to improve the health care of West Central Indiana through community and academic educational partnerships. Its mission is to enhance access to quality health care particularly that of primary and preventive care, by improving the supply and distribution of health care professionals through community/academic educational partnerships.
- **President's Award for Civic and Community Leadership** is presented annually to a junior or senior at Indiana State University who has made community service an integral part of her/his college experience. The purpose of the award is to honor and encourage students who have given generously of their time and energy through participation in community service activities. This award recognizes a wide array of community service activities, including meaningful engagement with existing community organizations, creation of viable new

service-oriented organizations, grassroots mobilization of people and resources, and development of innovative approaches to address pressing community issues.

- **Sycamore Service Corps** is a local AmeriCorps program coordinated through the Center for Public Service and Community Engagement. The program places 40 AmeriCorps members to serve 300 to 675-hour terms with local human service agencies in a five-county area.

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