

# TRINE

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UNIVERSITY

A POSITIVE FORCE



Students from Trine University's Theta Phi Alpha sorority volunteered at Pokagon State Park last fall, contributing more than 20 hours of service to the park, collecting bags of trash and trimming back hiking trails.

# TRINE UNIVERSITY: A POSITIVE FORCE IN STEUBEN COUNTY

Since 1884, when it was founded in Angola as Tri-State Normal College, Trine University has had a positive impact on Steuben County by educating its students, providing jobs and raising the quality of life in the area. While it would be impossible to chronicle all the benefits Trine provides for the county – from the many students who find their life’s calling through a Trine education to the visiting elementary school students inspired to seek a college education through Walk into My Future – we have attempted, as much as possible, to compile statistics to give some hard numbers to the university’s impact.

We are proud of the benefits Trine provides to Steuben County and look forward to an even more exciting 2017. The opening of the new Thunder Ice Arena will provide opportunities for the community and its youth, immediately making the arena a valuable resource.

We hope you find the information contained in this document informative and that it provides new insight into all that the contributions Trine University values and the opportunities it provides. If you would like to learn more about the impact Trine University has on Steuben County, feel free to view or download a more comprehensive version of this report at [trine.edu](http://trine.edu).

Sincerely,



Earl D. Brooks II, Ph.D.

President, Trine University



# DRIVING ECONOMIC GROWTH

Trine University supports the Steuben County economy, draws employees and students to the area and gives the county above-average statistics for knowledge creation, the number of technology patents and STEM workforce.

According to the Independent Colleges of Indiana website, its 31 members — which include Trine University — have total annual institutional expenditures of \$2.2 billion and total local economic impact of \$4.0 billion.

Trine University's local economic impact as measured by ICI standards is approximately \$100 million. The university completed an expansion of Best Hall/Rinker Ross School of Health Science and began construction on the Thunder Ice Arena and MTI Center.

According to the StatsAmerica website (statsamerica.org) supported by the U.S. Economic Development Administration, Steuben County ranks above average in the Human Capital and Knowledge Creation Index, with a score of 111.4. According to Isaac Lee, executive director of the Steuben County Economic Development Corporation, Trine University has a significant impact on its scores for Patent Technology Diffusion (125.7) and the STEM Education and Occupations Core Index (125.6).

## STEUBEN COUNTY RESIDENTS

AT THE START OF THE  
FALL 2016 SEMESTER

**182**

of Trine University's  
226 full-time employees  
lived in Steuben County

**100**

of the university's 156  
part-time employees  
were Steuben County  
residents

**50**

Trine students have  
worked in the county through  
Job Scholar, helping at private homes  
and community organizations



Trine University's 892 alumni living in Steuben County, its 362 students who are Steuben County residents and its student body and employees make a positive impact on the county through leadership in business, government and community organizations.

Trine alumni hold leadership positions in many Steuben County entities, including First Federal Savings Bank of Angola, the City of Angola, Dunham Motor Sales, Caruso's Italian Restaurant, Steuben County Court, Vestil Manufacturing, the Humane Society of Steuben County and the county government. Twenty graduates from Trine University's Class of 2016 found full-time employment in Steuben County.

## STUDENTS

Trine University's fall 2016 enrollment was 4,998 students. Of these students, 362 were Steuben County residents.

2

Doctor of Physical Therapy program

1

Main campus graduate program

89

Main campus undergraduate program

225

Dual enrollment

29

Undergraduate, College of Graduate and Professional Studies

16

Graduate, College of Graduate and Professional Studies

# PEOPLE MAKING A COMMUNITY IMPACT

Trine University fraternities and sororities contributed 12,712 community service hours during the 2015-16 school year, and raised \$45,094 for charity.

Seniors in Trine University's Ketner School of Business complete capstone projects for businesses. These projects can include social media or marketing plans, or market research. In 2016, students completed capstone projects for: Triton Metal Products, Hamilton; Steuben County Council on Aging, Angola; Steuben County Literacy Coalition, Angola; Reaction Lights, Angola; Brokaw Movie Theater, Angola; Cahoots, Angola; and Steuben County Humane Shelter, Angola.

## A FORCE FOR INNOVATION

Trine University's Innovation One (i1) has completed or partnered on many projects that have benefited Steuben County businesses and individuals.

I1 is currently coordinating senior design projects that will benefit Indiana Marine Products in Angola and entrepreneurs in Angola and Hamilton.

Through I1, students are currently making improvements to the ice management system developed for toboggan run at Pokagon State Park, and working on a redesigned sled that, if successful, would allow the run to be used year-round.

### **Other senior design projects have provided:**

- foot-washing station for Camp Chief Little Turtle in Pleasant Lake
- propylene glycol cooling system for a local winery
- pasteurizer for a local microbrewery
- new dam design for the Lake Minifenokee Homeowners Association
- pet cleaning station for Hudson Aquatic Systems
- iPad case and shipping container for Genius Phone Repair



A survey of Trine University employees showed that the average Trine University employee provides five hours of community service each week to community organizations such as governmental bodies, churches, service clubs, youth sports leagues and civic organizations, and contributes \$3467.93 annually to charitable causes. Assuming Trine University's 282 non-student employees living in Steuben County contribute the average, this would mean the university's employees in the county contribute more than 73,000 hours of community service each year, and more than \$975,000 each year to charity.

**Innovation One has provided the following services to local manufacturers:**

**Archery Tag, Ashley:** Product refinement, material testing, packaging, improving its safety mask, 3-D printing

**Battle Creek Equipment, Fremont:** Material testing and analysis, pull testing and accelerated life cycle testing

**Vestil Manufacturing:** Material testing, use of arc spectrometer to identify material defects and raw material issues

**Indiana Marine Products:** 3-D printing

**Insul Slab Systems:** Design and engineering

**Steuben County Economic Development Corporation:** 3-D printing

**John Ingledue Construction Inc.:** 3-D printing

- Innovation One has been part of efforts to bring new industries to Steuben County, hosting meetings and partnering on a grant with RES Polyflow and providing resources and equipment to Carver Non-woven Technologies LLC.
- Swimming Reaction Lights, which were recently used at the NCAA level, are now produced through Innovation One on the Trine University campus. It has partnered with the YMCA of Steuben County to launch and develop the product, and the YMCA is the first in the country to have the device installed.
- The Employment Resource Center (ERC) partners Trine students with area businesses for internships and co-ops.



## A COMMUNITY PARTNER

Trine University has partnered with Steuben County, the cities of Angola and Fremont and community organizations on projects designed to improve the quality of place and quality of life in the area.

- Trine University supported the America's Best Communities Angola-Fremont Initiative through photo contributions from staff and students, attendance at public ABC Angola-Fremont events and inclusion in various media releases.
- The university has signed an agreement with Cameron Memorial Community Hospital to allow biomedical engineering students to engage with a clinical environment. Students in Trine's Doctor of Physical Therapy Program also perform clinical rotations at Cameron. The intent is to expose students to the clinical setting, equipment and medical professionals.
- Trine supports the Steuben County Economic Development Council in a variety of ways, including having representation on its governing board.
- In approving \$2.8 million in Regional Cities funding for the Thunder Ice Arena and MTI Center, officials made these comments about the impact of those projects and Trine University.

Vice President Mike Pence: "Trine University's new Thunder Ice Arena and MTI Center will serve our Hoosier students, create more activities and opportunities for the Northeast Indiana community and draw more residents to the area, helping to create a vibrant downtown community."

Jeff Turner, Northeast Indiana Regional Development Authority board: "Trine University's Thunder Ice Arena and MTI Center are strong examples of why the Regional Cities Initiative was designed. We are attracting talent and creating a place where people want to live and work. With inventive and creative projects like this, we will grow the region to 1 million residents and attract the workforce critical to our employers' success."

Funding for the project also drew support from the city of Angola, area legislators and Parkview Health.

### DINING

In a 12-month period, Bon Appetit Management Company averaged 868 non-meal plan guests each week at the Whitney Commons Café and 273 at the Depot.

### ATHLETIC EVENTS

Trine University had more than 39,000 fans attend athletic events during the 2015-16 school year.

### PERFORMANCES

Trine University sold more than 2,000 tickets to concerts by professional artists in 2016. About 3,500 people attend concerts annually performed by Trine University music ensembles.

## A COMMUNITY RESOURCE

Trine University's campus is a venue for many events and resources that enhance the cultural, recreational, social and environmental life of Steuben County.

**CAMPS** - 3,258 students came to camps held on campus during the summer of 2016. These included 11 high school football camps, three band camps, a Bible Camp and Indiana State Police Camp.

**ZOLLNER GOLF COURSE** - About 13,000 rounds of golf are played by the general public each year. The course is home to the Angola High School girls golf team, the Hamilton High School boys golf team and the Hamilton Middle School co-ed golf team.

**WALKING** - Trine University has 120 registered members from the community who use the Keith E. Busse/Steel Dynamics Inc. Athletic and Recreation Center for walking.

**ART EBERHARDT ECONOMIC AND COMMUNITY OUTREACH CENTER** - The new ECO center will help connect Trine students with volunteer environmental efforts off campus.

**STUDENT VISITS** - About 1,400 elementary school students from LaGrange and Steuben counties took part in the annual "Walk Into My Future" on the Trine campus. About 500 seventh-graders from Angola Middle School visit campus each year to learn more about college, and Innovation One regularly hosts groups from Angola High School to demonstrate its equipment.

**TAKE BACK THE NIGHT** - About 200-300 people participate in this annual event on campus to raise awareness of sexual assault and domestic violence.

## TRINE UNIVERSITY

For more information, visit [trine.edu/about/impact.aspx](http://trine.edu/about/impact.aspx)

## APPENDIX: ECONOMIC IMPACT

### General impact of private colleges

According to the Independent Colleges of Indiana (ICI), its member institutions serve 90,000 total students, one-fifth of the state's total college enrollment, and are responsible for 35 percent of its bachelor degrees. ICI schools employ 20,000 Hoosiers and have more than a quarter-million alumni living in Indiana. Fifty-eight percent of students at ICI institutions graduate in four years, compared to 28 percent at their public counterparts.

### Employees

At the start of the Fall 2016 semester, 182 of Trine University's 226 full-time employees lived in Steuben County. One hundred of the university's 156 part-time employees were Steuben County residents, and 17 of Trine's 177 student employees lived in Steuben County.

### Job Scholar

More than 300 Trine University students have signed up for Job Scholar, which matches students with community members who need jobs done, since September 2015. These students have enjoyed deals at local businesses Job Scholar partners with, such as WeHop, Village Kitchen, Sutton's Deli, Domino's and the Outlet Shoppes at Fremont. About 50 Trine University students have worked in the community through Job Scholar, helping at lake homes and houses in town as well as organizations like the Steuben County Economic Development Corporation and TLC House.

### Human Capital and Knowledge Creation

According to the StatsAmerica website (statsamerica.org) supported by the U.S. Economic Development Administration and provided by the Indiana Business Research Center at Indiana University's Kelley School of Business, Steuben County ranks above average in the Human Capital and Knowledge Creation Index, with a score of 111.4. According to Isaac Lee, executive director of the Steuben County Economic Development Corporation, Trine University has a minimal impact on the county's rating for the Educational Attainment Core Index, but a significant impact on its scores for Patent Technology Diffusion (125.7) and the STEM Education and Occupations Core Index (125.6).

## APPENDIX: HUMAN IMPACT

### Alumni

Trine University alumni hold many leadership positions in Steuben County, including:  
President and CEO, First Federal Savings Bank of Angola

City of Angola Engineer

Owner, Dunham Motor Sales

Owners, Caruso's Italian Restaurant

Owner, Mitchell's Menswear

Owner, Larry's Lock and Safe

Officer, Indiana State Police

Magistrate, Steuben County Court

Lawyers

Owner, Vestil Manufacturing

Owner, Titan Metal Spinning

City Councilman, Angola

Executive Director, Humane Society of Steuben County

Owner, Anytime Fitness

Owner, Kohart Property Management and Coldwell Banker Angola Branch

Postmaster, Pleasant Lake

Treasurer, Steuben County

Twenty graduates from Trine University's Class of 2016 found full-time employment in Steuben County.

### Community service given by Trine students

Trine University fraternities and sororities contributed 12,712.45 community service hours during the 2015-16 school year, and raised \$45,093.57 for charity. Fundraisers by student organizations this fall have benefitted, among others, the family of Malachi Carrizales, Fort Wayne PFLAG, the Make-A-Wish Foundation and the Vera Bradley Foundation for Breast Cancer.

### Community service given by Trine employees

A survey of Trine University employees – which yielded 97 responses – showed that the average Trine University employee provides five hours of community service each week to community organizations such as governmental bodies, churches, service clubs, youth sports leagues and civic organizations, and contributes \$3467.93 annually to charitable causes. Assuming Trine University's 282 non-student employees living in Steuben County contribute the average, this would mean the university's employees in the county contribute more than 73,000 hours of community service each year, and more than \$975,000 each year to charity.

### Business capstone projects

Seniors in Trine University's Ketner School of Business complete capstone projects for businesses. These projects can include social media or marketing plans, or market research. In 2016, students completed capstone projects for: Triton Metal Products, Hamilton; Steuben County Council on Aging, Angola; Steuben County Literacy Coalition, Angola; Reaction Lights, Angola; Brokaw Movie Theater, Angola; Cahoots, Angola; and Steuben County Humane Shelter, Angola.

## APPENDIX: COMMUNITY PROGRAMS AND FACILITY USAGE

### Camps

In addition to athletic camps and camps held on campus by outside groups, Trine University's Innovation One hosts its annual LEGO Robotics Kids Camps to introduce children to robotics.

### Cultural impact

Trine University sold 2,061 tickets to concerts by 38 Special, America and The Guess Who in the T. Furth Center for Performing Arts in 2016.

About 3,500 people attend concerts annually performed by Trine University music ensembles in the T. Furth Center for Performing Arts. In addition, the jazz band and combo play additional performances around the campus and community, including the RISE Inc. fundraiser, the Scholarship Gala, Christmas parties, etc., which include about another 1,000 people.

The November 2016 performance of "Macbeth: The Story of the Witches" by the Trine Drama Club was attended by 150 people over three evenings.

### Athletic events

Excluding track and wrestling, which do not track attendance, Trine University had 39,724 fans attend athletic events during the 2015-16 school year.

### Zollner Golf Course

Zollner Golf Course accommodates about 13,000 rounds of golf each year played by the general public. In addition to Trine's golf teams, Zollner is home to the Angola High School girls golf team, the Hamilton High School boys golf team and the Hamilton Middle School coed golf team. The course has about 100 members, most of whom live in the Steuben County area.

The course also partners with Steuben County YMCA for a junior golf program, which averages about 27 local kids ages 6-15.

### ARC walkers

Trine University has 120 registered members from the community who use the Keith E. Busse/Steel Dynamics Inc. Athletic and Recreation Center for walking.

### Fitness facilities

Trine University's fitness centers have 48 paid members of the public, including 28 in the Gettig Fitness Center, 10 for the Ryan Tennis Courts and 10 who participate in Noon Basketball.

### Library

Although few community members use the Trine University library, it is available to the public to use for research, study or other work.

### Art Eberhardt Economic and Community Outreach Center

In October, Trine University launched the Art Eberhardt Environmental and Community Outreach Center to coordinate the university's sustainability efforts and help provide student volunteers for environmental efforts. One of the key goals for the new center will be to help connect Trine students with volunteer efforts off campus. Building on the efforts of Trine's student environmental group S.P.E.A.K. for the Earth, the center also will offer resources to academic departments for community and sustainability initiatives, and promote sustainability on campus through working with staff and exploring grant opportunities.

### Student visits

About 1,400 elementary school students from LaGrange and Steuben counties took part in the annual "Walk Into My Future" on the Trine University campus in September. The annual event helps students learn about the opportunities they have available after high school.

About 500 seventh-graders from Angola Middle School and about 30 students from West Noble Elementary School also visit campus each year to learn more about college.

Innovation One regularly hosts groups from Angola High School to demonstrate its equipment.

## APPENDIX: INNOVATION ONE

In addition to the business services mentioned in the printed brochure, Innovation One is printing acrylic signs for TLA Signs.

Working through Innovation One, a group of Trine students developed a band for Dr. Stephen White, an

Angola optometrist who had a laryngectomy, to hold the device he uses to speak in place.

The Innovation Challenge, which provides cash prizes to top ideas in business and technology, has drawn several submissions from Steuben County residents.

Innovation One has partnered with SCORE (Service Corps Of Retired Executives) Angola to host a workshop series designed to help those looking to develop an idea for a product or business, or start their own business.

Several members from the community attended each session.

Innovation One has hosted training in Introduction to Polymer Materials and Injection Molding Training. Of

the 20 students who participated, half were from local businesses.

Innovation One hosts Virtual Educational Software Inc. (VESI), which provides online certification courses to teachers seeking to get recertified, and master certification courses for the Society of Human Resource Managers.

Innovation One also has hosted the Four County Economic Development Forum in partnership with

economic development organizations from DeKalb, LaGrange, Noble and Steuben counties.

### Steuben County organizations served by Trine University employees

American Legion	McClue Nature Preserve
Angola Area Chamber of Commerce	Metropolitan School District of Steuben County
Angola Assembly of God Church	Newman Catholic Fellowship
Angola Area Christian Home Educators	Northeast Regional Science Fair
Angola Downtown Coalition	Pleasant Lake Lions Club
Angola High School	Potawatomi Snowmobilers Association
Angola Historic Preservation Commission	Purdue University Extension Board
Angola Kids League	Red Cross
Angola Middle School	Relay for Life
Angola Middle School Band Boosters	RISE
Angola Parks and Recreation	Rotary
Angola United Methodist Church	Ryan Park PTO
Big Brothers/Big Sisters	School sports programs
Business Women's Bureau	Shape Up Steuben
Cahoots Coffee Café	Sigma Phi Epsilon fraternity
Carlin Park Booster Club	SonLight Community Church
Carlin Park Elementary School	S.P.E.A.K. (Students Performing Environmental
Drug Free Steuben County	Awareness and Knowledge)
Fairview Missionary Church	St. Anthony's of Padua Catholic Church
Fremont Athletic Boosters	Steuben County Community Foundation
Fremont Community Schools	Steuben County Humane Society
Fremont High School	Steuben County Literacy Coalition
Fremont High School PTO	Steuben County Economic Development Corporation
Fremont Little League	Technology Student Association high school/middle
Fremont Public Library	school competition
Fremont United Methodist Church	Therapeutic Riding Center of Steuben County Inc.
Fremont Youth League	United Way of Steuben County
Gamma Phi Epsilon sorority	Wavemakers Swim Team
Hamilton United Methodist Church	Women's Ministries of Steuben County
Hendry Park Elementary School	YMCA of Steuben County, 101 Lakes Junior Golf Tour
Hendry Park PTO	Youth sports
Junior Achievement	
Kiwanis Club	

### Steuben County organizations supported monetarily by Trine employees

ACRES	Kiwanis Club
American Legion	Lake James Christian Assembly
Angola Area Christian Home Educators	Lions Club
Angola Chamber of Commerce	Local fire departments
Angola Downtown Coalition	Local schools
Angola First Congregational Church	Metropolitan School District of Steuben County
Angola Kids League	Pleasant View Church of Christ
Angola United Methodist Church	Project Help
Boomerang Backpacks	Red Cross
Boy Scouts	RISE
Cahoots Coffee Café	Ryan Park PTO
Camerton Memorial Community Hospital	Shape Up Steuben
Campus Crusade	Sigma Phi Epsilon fraternity
CAVA	SonLight Community Church
Christian Campus House	Sororities
Carlin Park Booster Club	S.P.E.A.K.
Compassion Pregnancy Center	St. Anthony's of Padua Catholic Church
Diabetes walk	Steuben County Cancer Services
Fairview Missionary Church	Steuben County Community Foundation
Fire and police stations	Steuben County Humane Society
Fraternities	Steuben County Literacy Coalition
Fremont Community Schools	Steuben County Ministerial Association
Fremont High School	TLC House
Fremont High School Athletics	Trine University
Fremont United Methodist Church	Turning Point Shelter
Fremont Youth League	United Way of Steuben County
Girl Scouts	Wavemakers Swim Team
Goodwill	Women in Transition
Habitat for Humanity	YMCA of Steuben County
Hamilton United Methodist Church	Youth sports
Hendry Park Elementary School	Zion Missionary Church
Heritage Foundation	
Holy Family Episcopal Church	

Results from survey of Trine University employees conducted on SurveyMonkey, Sept. 9, 2016

### 2016 Trine University summer camp attendance

Trine Women's Basketball Camp	135	Snider Football Camp	99
Wing T Football Camp	154	Goshen Football Camp	76
Hoos State	579	Lake Central Football Camp	65
Boys Girls State	579	South Adams Football Camp	38
La Porte Football Camp	88	Northwood Football Camp	82
Bellmont Football Camp	43	Mishawaka Football Camp	300
Shenandoah Football Camp	161	Bible Camp	306
Edon Football Camp	28	Northeast Band Camp	99
Trine Soccer	30	Gull Lake Band Camp	172
Trine Volleyball	146	Wauseon Band Camp	82
Leadership Camp	83	Trine International Academy	16
Indiana State Police Camp	41	Trine Angola Youth Soccer League	230
Trine Hoosier Basketball Camp	143	Total	3258
Northrop Football Camp	62		

Reported by Mike Ferrell, director of conferences and events