



Innovative Model: Positioning Communities for Transformation IMPACT 2016

IMPACT 2016 is a five-year initiative sponsored by Shelby County, the City of Shelbyville, and Rose-Hulman Institute of Technology, with funding determined and allocated annually. The partnership pilots from 2012 through 2016 with the expectation to:

- *Attract talent and businesses* to Shelby County
- *Multiply the reach and impact* of Rose-Hulman Institute of Technology

Challenges facing communities and academia are similar — we are tasked with accomplishing more with less with the added expectation of broader impact. The nature and scope of today's challenges require solutions that leverage capabilities positioning individuals and communities for success in the shortest amount of time possible. It is within this context that Rose-Hulman Institute of Technology, Shelby County, and the City of Shelbyville became economic development partners—building business alliances, inspiring entrepreneurs, and educating tomorrow's innovators. Partnership strategies and goals include:

Mathematics and Science Foundation Building

Operation Catapult and EMERGE strive to inspire and encourage student participation in science, technology, engineering, and mathematics (STEM) related courses and programs. In its 45th year, Operation Catapult is a unique summer program for high school students who have completed their junior year. Students are exposed to engineering and applied science through project work on the campus of Rose-Hulman Institute of Technology. EMERGE is a tele-mentoring program designed to enhance career awareness and academic achievement in science, technology, engineering, and mathematics (STEM) for 9th grade students. EMERGE connects Rose-Hulman student mentors with Shelby County students.

Goal: Increase the number of Shelby County students who acquire the mathematics and science skills necessary to complete science, technology, engineering and mathematics (STEM) related higher education programs.

Shelby County Entrepreneurial Internship Program

The Shelby County Entrepreneurial Internship Program provides companies throughout Shelby County access to technical skills while positioning Shelby County as an attractive location to work and live. This program offers Rose-Hulman students opportunities to gain industrial experience and continue the development of their professional skills.

Goal: Inspire innovation and economic development; provide learning opportunities for students; and attract talent to Shelby County.

Continuing and Professional Studies

The partnership provides a location in Shelby County for Rose-Hulman's professional development programming.

Goal: Raise awareness of Shelby County and the Intelliplex and provide a convenient location for Rose-Hulman's Continuing and Professional Studies programs.

Entrepreneurial Network

The Entrepreneurial Network connects Shelby County industry, academic, and government leadership with Rose-Hulman alumni, faculty, leadership, students, staff, and supporters by providing in person opportunities for engagement. Networking events are sponsored by Rose-Hulman's Department of Engineering Management and are dependent upon funding.

Goal: Establish a network for Shelby County, the City of Shelbyville, and Rose-Hulman stakeholders for collaboration and knowledge and resource sharing for mutual benefit to promote innovation in education and economic development.

Rose-Hulman Ventures Innovation Partnership

The Rose-Hulman Ventures Innovation Partnership provides access to engineering services for companies throughout Shelby County who seek solutions to technology challenges in the innovation-stage of development. Student intern teams are led by full-time project managers on innovation-stage project work including design, prototyping, and testing. In addition to technical solutions, this partnership provides companies access to a pipeline of engineering talent and the opportunity to present Shelby County as a desirable place to work and live. Rose-Hulman students receive industrial experience and continued development of their professional skills.

Goal: Promote an innovation-based economy while strengthening corporate and community partnerships and launch the next generation of technical leaders ready for success.

About Rose-Hulman Institute of Technology

Founded in 1874, Rose-Hulman Institute of Technology offers a rigorous, hands-on education that stresses development of technical and interpersonal skills in an environment characterized by close personal attention for every student. The college, located in Terre Haute, Ind., has an enrollment of 1,900 undergraduate students and 100 graduate students. For 14 consecutive years, Rose-Hulman has been rated the top undergraduate engineering college in the nation that offers the bachelor's or master's degree as its top degree in engineering. The ranking is based on a national survey of deans and senior faculty conducted by U.S. News & World Report for its college guidebook. Rose-Hulman's emphasis on undergraduate education has also been recognized by The Princeton Review, which cited six of the Institute's professors for this year's Best 300 Professors book. Learn more about Rose-Hulman at www.rose-hulman.edu.

About Shelby County/The City of Shelbyville

Shelby County offers a strategic location at the center of Indiana's fastest growing economy. It has a business friendly atmosphere with one of the nation's lowest operating costs, and a skilled and extremely dedicated labor force with an incredibly strong work ethic. The Shelby County Development Corporation (www.shelbydevelopment.com) is a non-profit organization committed to working together with community and business leaders to create a development strategy that meets the needs of individual communities across Shelby County. Shelbyville is a growing community of nearly 18,000. It has maintained a friendly "small town" atmosphere while welcoming and enjoying growth in the areas of industry, technology and recreation.

<http://impactshelbycounty.org>
