



"One of the reasons we chose Springfield was the willingness of this group (economic development officials) to work with us, to work through our needs and make things possible." Ken Metzgar, president. H.E.F. USA

Springfield's DNA is manufacturing. There are over 350 manufacturers in the Greater Springfield area with a large network of manufacturing, knowledgeable and skilled labor. As manufacturing evolves to meet the new economic realities, Springfield understands that the current generation must have a skill set to make them competitive in today's manufacturing environment.

PROJECT "LEAD THE WAY"

Project Lead The Way addresses the growing need of local businesses and industry for engineers. With Avetec as the local industry sponsor, schools participate in the program that began in the 2007-2008 school year. The program which includes an engineering course each year through high school. There's also an eighth-grade component titled "Gateway to Technology."

FUTURE JOBS

The model program aimed at preparing high school and post-secondary students for technology-based careers is being led by Wittenberg University, Central State University and local technology company Qbase, funded in part by a \$1 million state grant. Clark State Community College also will provide future jobs course work and will serve as fiscal agents, along with Wittenberg.

THIRD FRONTIER INTERNSHIP PROGRAM

Businesses which provide internships in the areas of advanced manufacturing, advanced materials, power and propulsion, instrument controls and electronics, bioscience and information technology may benefit from this program. The state will reimburse up to 50%, or no more than \$3,000 per year, for wages paid to eligible and enrolled students. Students enrolled at least on a college sophomore level or beyond and who are attending a two- or four-year college or university majoring in math, science or engineering may be eligible for program participation. For your convenience, a website has been designed to allow businesses and students to enroll online.

PRODUCT DEVELOPMENT PILOT PROGRAM



Provides grants to support delivery of product development assistance, including design, engineering, financing, marketing and management, to small and medium sized Ohio manufacturers. Projects must be led by Ohio higher education institutions or non-profits but may involve for-profit collaborators, and are to focus on product development in the areas of advanced materials and instruments, controls and electronics.

COLLABORATIVE RESEARCH CAPABILITIES

All sectors of Greater Springfield – academic, business, government, military serve together in a wide variety of capacities from collaborative research centers in aerospace and data management to national centers of excellence in advanced materials and manufacturing.

RESEARCH WITHIN 30 MILES

- University of Dayton, ranked #2 for total funded materials research and engineering activities
- University of Dayton Research Institute Center for nonmaterials and structural composites
- One of Ohio's two major federal laboratories – Wright Patterson Air Force Materials Laboratory focuses on advanced materials research and emerging applications
- National Composite Center is the national center of excellence for the development and commercialization of cost competitive composite materials and processes
- Edison Materials Technology Center and its network of industrial, academic and government partners combine to "pull" technology into the marketplace

RESEARCH INSTITUTES

- Air Force Research Labs (WPAFB)
- Edison Materials Technology Center
- National Air and Space Intelligence Center
- National Center for Manufacturing Education
- National Composite Center
- The Advanced Integrated Manufacturing Center
- University of Dayton Research Institute
- Wright Brothers Institute
- Wright Center of Innovation for Advanced Data Management