Welcome To The St. Louis BioBelt

The St. Louis area’s Plant and Medical Sciences industry cluster comprises companies and institutions engaged in the development and production of medicines, agricultural chemicals, organic chemical manufacturing, medical equipment manufacturing, and research and development.

University of Missouri – Columbia
The University of Missouri’s Center for Genomics Research (CMR) is a world-class center that provides services in many areas of genomics to researchers worldwide.

Monsanto Co.
A world leader in plant genetics, agriculture and bioinformatics, Monsanto is dedicated to improving the plant and life sciences for the good of humanity.

University of Missouri
The University of Missouri is one of the leading universities in the nation in funding from the National Institutes of Health, and Missouri is ranked 15th in the nation in research and development dollars.

Washington University in St. Louis
Washington University is one of the world’s leading research institutions, with its Medical School recognized as the nation’s top medical school.

The Genome Center
The Genome Center at Washington University is a world leader in developing technologies for the analysis of complex biosystems.

Edward A. Dowdy Research Center
The Edward A. Dowdy Research Center of Washington University is one of the nation’s top 10 research institutions.

The Missouri-Illinois Blood Services Region & the National Testing Lab
The Missouri-Illinois Blood Services Region & the National Testing Lab is a leading provider of blood products and blood testing services.

The Missouri Botanical Garden
The Missouri Botanical Garden is one of the world’s outstanding research institutions, with its Herbarium one of the world’s largest.

National Corn-to-Ethanol Research Center (NCERC)
The National Corn-to-Ethanol Research Center was established in 1998 through a $50 million commitment from the Nebraska Corn Growers Association.

Southern Illinois University
Southern Illinois University Edwardsville is a national leader in research and development, with its National Science Foundation’s Centers of Excellence in Biodefense and Emerging Infectious Diseases.

Sigma-Aldrich Bio-Research and Development Growth Park
Sigma-Aldrich is the world’s leading producer of biochemicals and organic chemicals.

Sigma-Aldrich Life Science Technology Center
Sigma-Aldrich is a global leader in life sciences products.

Korea Research Institute of Bioscience and Biotechnology (KRICT)
KRICT is one of the world’s leading research institutions in the life sciences, with a focus on biosimulation.

St. Louis College of Pharmacy
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Employment
Greater St. Louis employs over 60,000 people in science and medical related occupations according to 2006 data from the Bureau of Labor Statistics. A breakdown of the St. Louis area’s Plant and Medical Sciences cluster looks like this:

<table>
<thead>
<tr>
<th>Plant and Medical Sciences Subsectors</th>
<th>Employment</th>
<th>Number of Firms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pharmaceutical &amp; Medical Manufacturing</td>
<td>3,775</td>
<td>40</td>
</tr>
<tr>
<td>Protein, Fermentation and Other Agricultural Chemical Manufacturing</td>
<td>358</td>
<td>19</td>
</tr>
<tr>
<td>Bio (Organic) Chemical Manufacturing (including petroleum products)</td>
<td>2,318</td>
<td>21</td>
</tr>
<tr>
<td>Surgical &amp; Medical Instrument Manufacturing</td>
<td>3,364</td>
<td>119</td>
</tr>
<tr>
<td>Scientific Research &amp; Development Services</td>
<td>6,096</td>
<td>138</td>
</tr>
<tr>
<td>Total</td>
<td>16,649</td>
<td>385</td>
</tr>
</tbody>
</table>

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Venture Capital
The St. Louis Arch is attracting the interest of venture capitalists from around the world. The area has become home to 16 funds with nearly $1.7 billion in management, much of that dedicated to biotech. That growth coincides with a rise in the area's reputation in venture capital circles. At a September 2006 survey of venture capital firms by The Washington Post, St. Louis ranked third on the list of 10 micro centers, behind the San Francisco-Oakland-San Jose and Chicago-Metropolitan areas. The poll showed that the St. Louis area was one of the best negotiated in the Midwest among healthcare investors. St. Louis also ranked among the top areas for biopharmaceutical-focused funds.

Reflecting the opportunities in the region, the two-venture capital firms—BioVentures and BioEdwards Medical Investors—recently raised new funds in the biotech sector here. In addition, an $85.1 million trust fund, World Life Sciences Fund I, is making investments in life science venture capital with links to the region.

To complement the area’s venture capital resources, the St. Louis Arch Angel network was established in January 2005 by the NJUG Center and the NGCA. Arch Angel members provide seed and early-stage capital in the range of $250,000 to $2 million, and investment capital is provided by VCs. The members, who are business leaders from the St. Louis area, also mentor and coach, serve on boards, provide contacts, and assist with team building, strategic planning and fundraising.

Leading Corporations
The Solae Co. is an alliance of Bunge Ltd. and DuPont that develops and makes specialty food ingredients. In 2003 decided to locate both its headquarters and R&D operations in St. Louis. In 2008, they moved into their newly expanded headquarters building in the CORTEX district.

Bunge North America, an arm of Bunge, is a global agribusiness and food company. Through its four divisions—Grain, Oilseed Processing, Milling, and Specialty Food Ingredients, Bunge is the world’s largest grain processor and food company. Bunge North America provides funding.

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