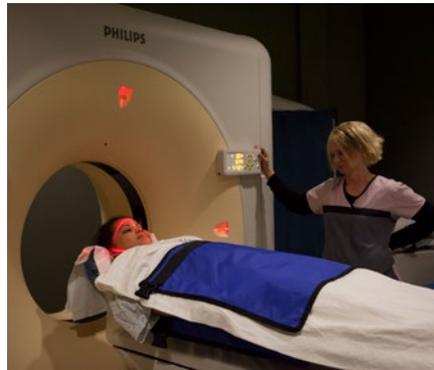




Health Innovation in Missouri

MISSOURI
PARTNERSHIP®



Health Innovation in Missouri



Cutting-edge biomedical research is taking place across Missouri, in world-renowned research hospitals, and innovation communities such as Cortex and the Missouri Innovation Center.

Cerner, Centene, and Express Scripts are all companies synonymous with Missouri's reputation in health services leadership and innovation. These companies, and others across the state, are remaking the health industry.

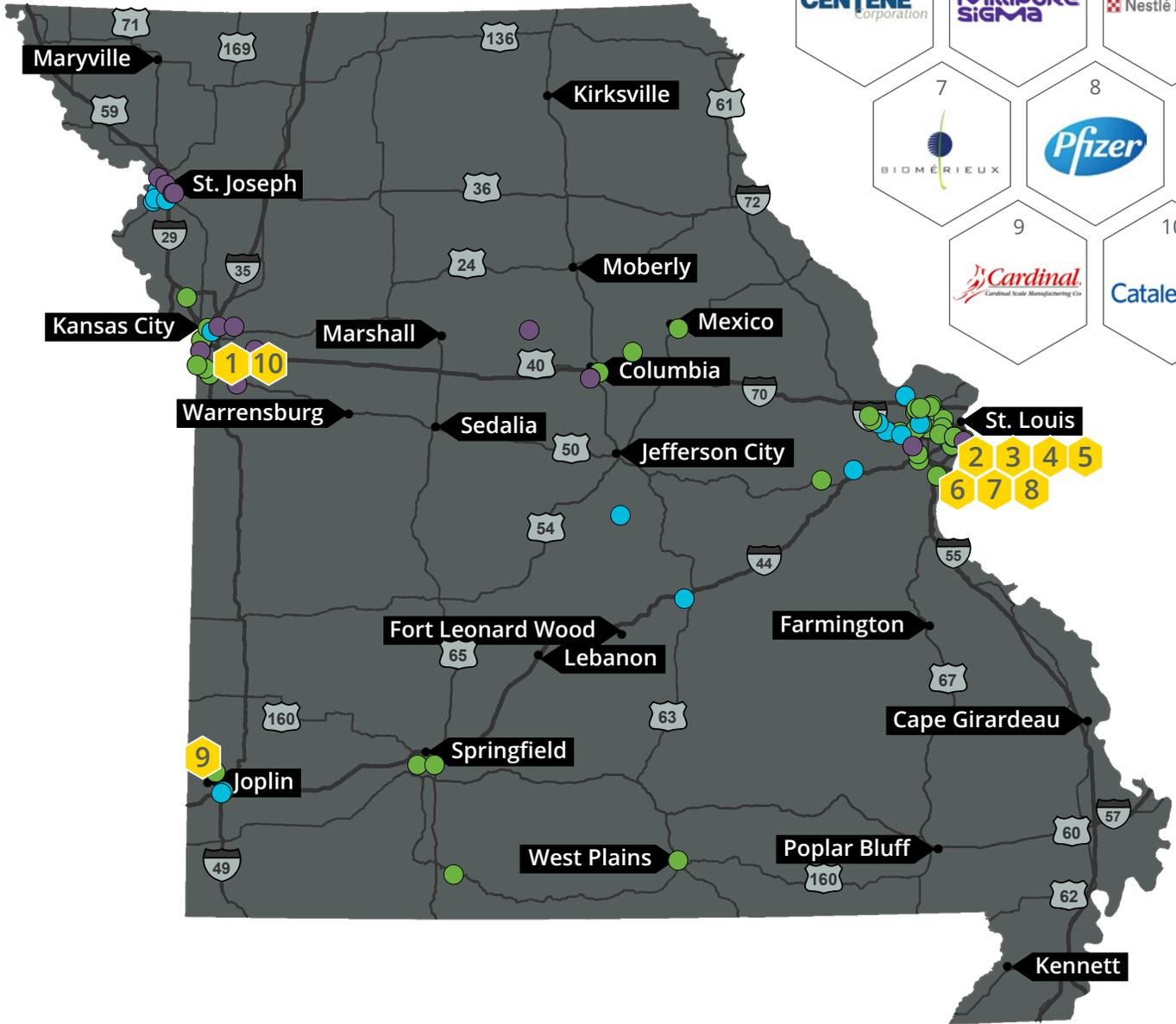
Missouri's bioscience industry employs approximately 54,000 highly skilled individuals within more than 4,400 companies. And Missouri's Animal Health Corridor is becoming known around the world as a global leader with a dynamic animal health cluster. Statewide, pet food companies with their North American headquarters in Missouri generate almost \$30 billion in revenue each year, and more than half of the world's animal health industry sales are represented in the Kansas City region.

Additionally, Missouri is home to some of the most prestigious hospitals, medical schools and health companies in the world. 40 Missouri colleges and universities offer bachelor's degrees or higher in biological or biomedical sciences.

And did we mention innovation. Yes, we did, but we didn't point out that our companies are transforming the health care industry and how it interacts with patients globally. We are the home of the world's first virtual care center, driven by the real-world expertise of our healthcare industry.

Missouri Health Innovation Companies

- Health innovation companies
- Animal food companies
- Veterinary pharmaceutical companies



Missouri Health Innovation Companies



Missouri Animal Food Companies



Missouri Veterinary Pharmaceutical Companies



Recent Expansions

Health Innovation Companies



AB Mauri North America (St. Louis), a baking technology company, launched a new business unit in 2017 that will develop yeast solutions for the biofuel, liquor and nutrition industries.



Adarza BioSystems (HQ St. Louis) has developed immunoassay technology to identify proteins and genetic markers in medical samples. The company recently announced plans to expand in Missouri in 2018.



Alere eScreen (HQ Kansas City) provides next-generation employment screening applications for drug testing and occupational health services. The company moved its HQ to Kansas City in 2016.



BlueStrata EHR (St. Louis), an electronic health record systems provider, expanded in Creve Coeur, Missouri, in January 2017. The expansion represented more than \$138,000 in investment and was expected to add 52 new jobs to the region.



Catalent Pharma Solutions (Kansas City), a pharmaceutical firm that provides a wide range of fully integrated support, announced plans to hire an additional 230 employees over the next five years. Catalent also recently added 70,000 cubic feet of controlled-temperature storage at the facility.



Centene (HQ St. Louis) is the nation's largest managed care company. It recently broke ground on a \$770 million expansion of its St. Louis headquarters.



Cerner (HQ Kansas City) is a global supplier of health-care information technology. The company recently opened a new \$4.5 billion campus in south Kansas City.



CVS Pharmacy (Kansas City), operates a distribution center which supports the service and fulfillment needs of more than 370 CVS Pharmacy stores throughout the Midwest.



Huvepharma USA (St. Louis), a fast-growing global pharmaceutical company, recently expanded with a new facility in St. Louis. The facility represented more than \$18 million in capital investment, is an FDA production site with five blending lines and six packaging lines, and added 37 new jobs to the state.



MilliporeSigma (St. Louis) is the combined business of EMD Millipore and Sigma-Aldrich, which was acquired by Merck KGaA in 2014. The company has its North American life science hub in St. Louis with eight facilities. The company expanded in June 2016, following a \$10 million renovation. The expansion added more than 100 new jobs to the region.





Northwest Medical Isotopes (Columbia), announced plans to build a 50,000 square-foot radioisotope production facility at the University of Missouri's research park in Columbia. The project is expected to create 68 jobs.



One Call Care Management (Springfield), a leading provider of workers' compensation care management services, expanded in Springfield, Missouri, in June 2017. The expansion added more than 100 new jobs to the region.



Pfizer Inc. (St. Louis) began construction of a new \$200 million facility in Chesterfield in 2017. Pfizer has been in Missouri for more than 13 years and currently employs more than 450 scientists and other professions in the state. The company expects to create more than 80 new jobs through the Chesterfield project over the next few years.



Spring Venture Group (Kansas City), a direct-to-consumer distributor of Medicare supplement insurance, expanded in Kansas City in July 2017. The expansion is expected to add 450 jobs during the next three and a half years and 1,000 during the next six years.

Missouri Animal Food Companies



Heartland Pet Food Manufacturing (Joplin), manufacturer of Blue Buffalo pet food, recently expanded in Joplin. The expansion represented more than \$57 million in capital investment, and added 46 new jobs to the state.



Holistic Pet Nutrition

Solid Gold Pet (HQ St. Louis), America's first holistic pet food brand, recently expanded with a new 6,000 sq. ft. headquarters facility near St. Louis. The expansion represented \$100,000 in capital investment, and added 25 new jobs to the state.

Missouri Veterinary Pharmaceutical Companies



Virbac (Kansas City and St. Louis), a worldwide leader in developing, manufacturing and distributing veterinary pharmaceutical products, the company recently expanded into a 150,000 sq. ft. facility in the Hunt Midwest SubTropolis. The expansion represented more than \$37 million in capital investment, and added 144 new jobs to the state. Additionally, Virbac announced plans to expand their facility near St. Louis, Missouri. The expand represented \$37.9 million in capital investment and is expected to create 144 new jobs in the region.

Research Parks and Incubators in Missouri

The Center for Emerging Technologies (St. Louis), develops startup companies in biotechnology, biomedical engineering, advanced materials, and electronics. Stereotaxis became the first of the center's companies to complete a public offering. In 2014, the Cambridge Innovation Center took over management of the Center for Emerging Technologies, creating their first location outside of Boston, and added 87,000 square feet of space.

Christopher S. "Kit" Bond Science and Technology Incubator/Innovation Stockyard (St. Joseph) is home to the Institute for Industrial and Applied Life Sciences, which offers training and wet lab space. The 25,000 square ft. incubator is operated in conjunction with Missouri Western University. Tenants include Boehringer Ingelheim, Method Genetics, Sopharmia, and the United States Animal Health Association.

The Cortex Innovation Community (St. Louis) is a cutting edge innovation district located near Washington University in St. Louis, Saint Louis University, and Barnes-Jewish Hospital. Institutions within the district receive more than \$400 million in NIH funding annually.

Discovery Ridge Research Park (Columbia) leverages the University of Missouri's resources in agriculture, health, veterinary medicine, bioengineering, nutrition, biology and environmental services.

The Ellis Fischel Cancer Center (Columbia) is the only academic member of the MD Anderson Cancer Center Certified Physicians Network.

Ennovation Center (Independence) provides a turnkey facility for wet and dry lab and general office space.

Helix Center (St. Louis) is a small business incubator that provides startups in plant and life sciences with affordable office and laboratory space, access to expertise and access to facilities at the Bio-Research and Development Growth (BRDG) Park at the Donald Danforth Plant Science Center.



MU Life Science Business Incubator at Monsanto Place

Innovative Technology Enterprises (ITE) at UMSL (St. Louis) helps convert innovative ideas into thriving businesses in the information technology and life science sectors. ITE offers state-of-the-art infrastructure, in-house mentoring, business development, and access to University faculty and students. In keeping with the University's mission, ITE fosters innovation to support economic development.

Missouri Research Park (St. Louis) has more than 200 acres developed for high-tech and research facilities, housing 15 tenant companies with more than 2,000 employees.

The MU Life Science Business Incubator at Monsanto Place (Columbia) is home to more than 30 early stage companies creating new products in human health, animal health, and plant sciences. Clients at the incubator include Tensive Controls (peptide drugs to control metabolism in animals and humans) and Eternogen (innovative dermal filler using rapidly polymerizing collagen). University of Missouri Discovery Ridge (Columbia) leverages the University of Missouri's resources in agriculture, health, veterinary medicine, bioengineering, nutrition, biology and environmental services.



Missouri State University, Jordan Valley Innovation Center (JVIC)

Biomedical research centers

BioMed 21 (St. Louis) is a research facility with seven interdisciplinary research centers dedicated to translating basic science discoveries into real-world clinical solutions, an approach called translational research. The facility was developed by Washington University in St. Louis and BJC HealthCare.

Center for Clinical Pharmacology (St. Louis) was recently established as a collaboration between the St. Louis College of Pharmacy and the Washington University School of Medicine. The center is expected to create approximately 35 jobs when fully staffed. The center's initial focus will be on research to better understand and improve pain treatment.

The Center of Excellence in the Study of Dental and Musculoskeletal Tissues (CEMT) (Kansas City) is a collaborative effort between the Schools of Dentistry, Medicine, Nursing and Computing and Engineering focused on dental and musculoskeletal health. CEMT conducts research to prevent and treat diseases of mineralized tissue, including teeth, cartilage, bone and muscle tissue. Research applications include biomaterials, medical devices, diagnostics, imaging and veterinary medicine.

The Center for Gut Microbiome and Nutrition Research at Washington University (St. Louis) aims to tackle the challenges of feeding the world's rapidly expanding population and improving global health by linking efforts to develop more nutritious foods with discoveries gleaned from the gut microbiome.

The Christopher S. Bond Life Sciences Center (Columbia) is a state-of-the-art center promoting interdisciplinary research in food production, environmental quality, and advances in human and animal health.

The Dalton Cardiovascular Research Center (Columbia) focuses on such ailments as hypertension, cancer, cystic fibrosis and heart disease. Investigators hold primary academic appointments in the Schools of Medicine, Veterinary Medicine, Engineering and Arts and Science. Collaboration between scientists within the center and across campus is one of Dalton's greatest strengths.

IDEXX BioResearch (Columbia) is located on the campus of the University of Missouri. The laboratory is one of the two largest research animal diagnostic laboratories in the U.S. and the largest at an academic institution.

The McDonnell Genome Institute at Washington University (St. Louis) was one of the first three sites to begin full-scale human sequencing as part of the Human Genome project. Scientists there were the first in the world to decode the complete DNA sequence of a cancer patient.

The Metagenomics Center (Columbia) offers a full range of services associated with the characterization of complex microbial communities such as those present in feces, respiratory fluids, and other biological samples, including DNA extraction and purification, next-generation sequencing of bacterial and fungal communities, informatics analysis, and storage of biological samples

and sequence data. Through its close affiliation with the MU MMRRC and RRRC, the MUMC serves the biomedical community as a resource in characterizing the role of the gut microbiota in animal models of disease.

Missouri State University, Jordan Valley Innovation Center (JVIC) (Springfield) is committed to the development and support of advanced biotechnology industries in Missouri. The Center for Biomedical and Life Sciences (CBLS) and the Center for Applied Science and Engineering (CASE) assist companies in developing and accelerating technologies related to medical instruments, bioprocessing techniques and equipment, R&D for agribusiness and chem/bio sensors and systems.

Molecular Imaging Center at Washington University (St. Louis) fosters collaborations on advanced imaging projects between scientists from many different specialties. Initiatives at the center include efforts to track the spread of gene therapy for cancer and monitoring key genes in tumors. While the center's core focus is cancer, it supports collaborative imaging efforts in a wide variety of fields, including immunology, neuroscience and cardiovascular disease.

MRIGlobal (Kansas City) has earned international recognition for its health research services supporting the pharmaceutical, biotechnology, veterinary and agrochemical industries worldwide. MRIGlobal was formerly known as the Midwest Research Institute.

The Mutant Mouse Resource and Research Center (Columbia) accepts and distributes high quality, well-characterized mutant mice. The MMRRC also performs critical research that has broad impact on biomedical research through refinement and optimization of mouse models of disease. Research projects include characterization of intestinal microbiota and its contribution to model phenotypes, and development and improvement of economical methods for cryopreservation of mouse strains.

The MU Research Reactor (MURR) (Columbia) specializes in the development of techniques for the diagnosis and cure of cancer and other diseases. It is the largest university operated and the only commercial scale research reactor in the country. MURR is one of only four research reactors in the world producing the radioactive isotope, technetium-99, that is used in about 50,000 medical studies daily in the U.S.



Stowers Institute for Medical Research

The National Swine Resources and Research Center (Columbia) was established in 2003 to develop the infrastructure to ensure that biomedical investigators across a variety of disciplines have access to critically needed swine models of human health and disease. The NSRRC will also serve as a central resource for reagents, creation of new genetically modified swine, and information and training related to use of swine models in biomedical research. The first genetically modified pigs produced by somatic cell nuclear transfer and the first pigs with a gene disrupted were produced at the University of Missouri. In combination with expertise on early embryo develop the NSRRC is internationally recognized.

The Radiopharmaceutical Sciences Institute (RSI) (Columbia) develops cancer-specific diagnostic and therapeutic radiopharmaceuticals through the design, formulation and study of novel radiolabeled biomolecular in vivo targeting agents.

The Rat Resource and Research Center (RRRC) (Columbia) is the only centralized repository for genetically modified rats in the United States, supplying biomedical researchers with rat models, embryonic stem cells, related reagents, protocols and specialized services. The RRRC imports, stores and distributes a large number of rat strains, maintaining rigorous genetic quality control and health monitoring to promote experimental reproducibility.

IN THEIR WORDS

"Kansas City is the obvious, best location to launch Jurox's U.S. operations. Missouri offers a broad portfolio of animal health companies, a first-rate talent pool, and a superior transportation network that connects us to clientele around the country and globe. Kansas City's reputation and resources in animal science provides advantages you can't find elsewhere."

John O'Brien, Managing Director, Jurox

The Saint Louis University Center for Vaccine Development (St. Louis) is a multi-disciplinary research facility for vaccines and biologics, and it is one of only nine NIH-funded vaccine research institutions. The Center conducted pivotal research on the H1N1 influenza vaccine, biodefense, respiratory syncytial virus (RSV), and tuberculosis vaccines.

Siteman Cancer Center (St. Louis) is an international leader in cancer treatment, research, prevention, education and community outreach at Barnes Jewish Hospital and Washington University School of Medicine. It is the only cancer center in Missouri to hold the prestigious Comprehensive Cancer Center designation from the National Cancer Institute.

The Stowers Institute for Medical Research (Kansas City) conducts basic research on genes and proteins to determine the causes, treatment and prevention of diseases.

Washington University in St. Louis is collaborating with the biopharmaceutical company Pfizer Inc. on research aimed at speeding the development of new drugs. The university is the first academic institution in the Midwest to join Pfizer's Centers for Therapeutic Innovation's (CTI) collaborative network. The new collaboration is aimed at supporting translational research that has the greatest potential to bring innovative therapies to patients. The collaboration will focus on certain rare diseases, as well as on immunology and inflammation, oncology, neuroscience, and cardiovascular and metabolic diseases. In particular, the program will focus on approaches that involve large-molecule therapeutics and antibodies that have the potential to address multiple diseases.

Medical Schools in Missouri

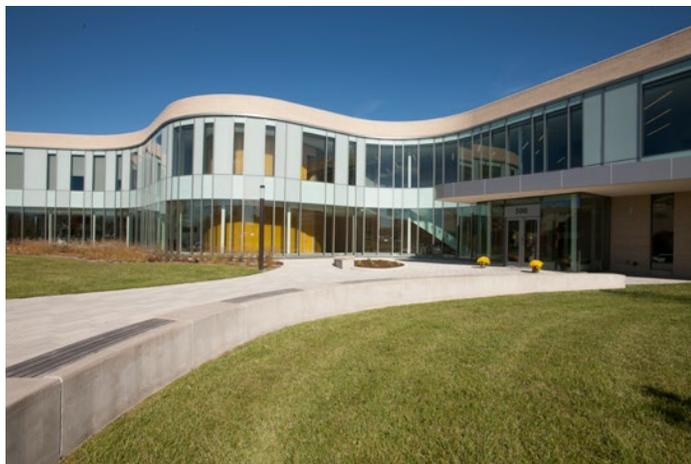
DO-PhD programs

A.T. Still University (Kirksville), founded in 1892, is the birthplace of osteopathic medicine and the oldest osteopathic institution in the world. Current enrollment on the Kirksville campus is 705 DO-PhD students.

Kansas City University of Medicine and Biosciences is home to the oldest medical school in Kansas City and the largest in Missouri. Since 1916, the University has awarded the Doctor of Osteopathic Medicine degree to more than 7,000 graduates. Currently, 1,055 DO-PhD students are enrolled in the program. In 2017, the school opened a new campus in Joplin with 150 students enrolled. The move makes KCU into one of the largest medical schools in the nation.

MD-PhD programs

Saint Louis University School of Medicine (SLU SOM), established in 1836, is a private, American Allopathic Medical School. The school has the distinction of awarding the first MD degree west of the Mississippi River. The University's \$82 million Edward A. Doisy Research Center supports research in five key areas: cancer and molecular biology; liver disease; cardiovascular disease; neurosciences and aging; and vaccine development. The school currently has an enrollment of 752 MD-PhD students.



A.T. Still University's School of Dentistry

University of Missouri-Kansas City offers an accelerated combined Bachelor/MD program based on a six-year curriculum, admitting students into the program directly from high school. Currently, 457 students are enrolled in the program.

The University of Missouri School of Medicine (Columbia) was the first publicly supported medical school west of the Mississippi River. MU's Department of Family and Community Medicine has been ranked in the top 10 by U.S. News & World Report for 24 consecutive years. 420 MD-PhD students are enrolled in the medical school.

Washington University School of Medicine (St. Louis) was ranked 7th both for NIH funding in 2017 and for research in 2018 (*U.S. News & World Report*). The school has been listed among the top ten medical schools since rankings were first published in 1987. Currently, 641 MD-PhD students are enrolled.

Missouri pharmacy schools

St. Louis College of Pharmacy is the oldest college of pharmacy west of the Mississippi River. The school's sole program is the Doctorate of Pharmacy. Enrollment is currently 845 students.

University of Missouri-Kansas City offers Doctorates of Pharmacy, Pharmacology & Toxicology and Pharmaceutical Sciences. The school currently has 594 PhD students enrolled.

Missouri dental schools

A.T. Still University's School of Dentistry welcomed its first class of students in 2013. Students will complete their first two years of study on ATSU's Kirksville, Mo., campus. Third and fourth-year clinical education is based in St. Louis, which provides an adequate population base of patients in need of dental services. At least half of the fourth-year clinical experiences are distributed in community health centers (CHCs) and other safety net clinics in Missouri and the Midwest. The program currently has 168 students enrolled.

IN THEIR WORDS

“Missouri is an important part of Pfizer’s R&D network, and we’re proud of the world-class employee base we’ve built here.”

John Ludwig, Senior Vice President of BioTherapeutics Research, Pfizer

University of Missouri-Kansas City School of Dentistry originated from the Kansas City Dental College established in 1881. Currently more than 430 DDS/DMD students are enrolled.

Missouri vet schools

University of Missouri College of Veterinary Medicine graduates approximately 100-110 new veterinarians each year. Total enrollment is around 400.

Other notable biomedical training programs

The Advanced Technology Center (ATC) (Mexico) is a cooperative effort among the City of Mexico, Linn State Technical College, Moberly Area Community College and the University of Missouri Outreach and Extension. ATC offers five-degree programs, including a Practical Nursing program, a Certified Nursing Assistant (CNA) program and a Medical Laboratory Technician program.

The Metropolitan Community College (MCC) offers an animal health program, one of only a few such programs in the Midwest. The college’s existing two-year degree program in veterinary technology prepares students to assist veterinarians with animal nursing care, lab diagnostics, anesthesia, surgery, dentistry, radiology and more.

The Project Lead the Way Biomedical Sciences is an integrated high school program that introduces Missouri students to the numerous medical fields. PLTW Biomedical Sciences augments existing high school science and math college preparatory programs to establish a solid background in biomedical science. There are more than 90 high school PLTW Biomedical Sciences programs running in Missouri high schools.

Major hospitals in Missouri include:

Barnes Jewish Hospital (BJC) in St. Louis, nationally ranked in 12 specialties.

Children’s Mercy Hospital in Kansas City, nationally ranked in 10 specialties.

St. Louis Children’s Hospital, nationally ranked in 10 specialties.

St. Luke’s Hospital in Kansas City, nationally ranked in four specialties.

U.S. News & World Report, 2017

Access To Capital

Angel networks

Arch Angels (St. Louis) is a part of the region's seed to later stage equity capital continuum, targeting an investment range that is generally underserved by institutional venture capital firms.

Billiken Angels (St. Louis) provides capital to firms in all industries and at all stages, not just start-ups. To be considered, however, the firm or start-up must be owned by current or former St. Louis University students, faculty, or staff, or firms using intellectual property licensed from Saint Louis University.

Centennial Investors Angel Investor Network (Columbia) is a network of accredited investors devoted to funding technology-based start-up and early stage companies.

Show Me Angels (Lee's Summit) is a membership organization of accredited investors committed to investing in early-stage companies in the Kansas City region.

Missouri venture capital funds and resources

Advantage Capital Partners (St. Louis) provides equity and debt capital, along with value-added counsel and other support, to operating businesses that have the potential for excellent investor returns as well as significant community impact.

Arch Grants (St. Louis) offers startups funding in the form of grants and supports the startups as they remain or transition to downtown St. Louis.

Ascension Ventures (St. Louis) is a strategic healthcare venture fund focused on the medical device, technology and service sectors with \$800 million under management. Ascension Ventures is a strategic investor that adds value to portfolio companies by sharing solutions across its network of partners.

BioSTL fosters collaborative efforts to advance innovation & entrepreneurship that build on St. Louis' world-class medical & plant biosciences. Since 2001, BioSTL has been building the foundation for medical and plant science, innovation and entrepreneur success that is transforming the St. Louis economy.

BioGenerator is an evergreen investor that creates, grows, and funds innovative companies and talented entrepreneurs in the St. Louis region. BioGenerator identifies and de-risks commercially promising innovations and services; advises innovators and entrepreneurs; recruits and supports entrepreneurial talent; makes staged investments grounded in rigorous due diligence; and offers access to enabling lab space and capital equipment. BioGenerator positions companies to navigate the unique challenges of early-stage bioscience company development. The U.S. Economic Development Administration (EDA) recently awarded the BioGenerator a \$300,000 grant to help support area startups. BioGenerator is the investment arm of BioSTL

GlobalSTL, an initiative of BioSTL, aims to recruit high-growth international companies to set up U.S. headquarters in St. Louis. GlobalSTL focuses on companies that match well with St. Louis' strengths in ag and plant science, medical and human health, cyber security, financial technology, and food and nutrition.

Bush O'Donnell Capital Partners (St. Louis) invests in companies that have recurring annual revenues of \$5 million or more. It does not invest in start-ups, turnaround situations or companies with project-based revenues.

Capital for Business, Inc. (St. Louis) targets leading companies in niche markets that share the following characteristics: significant and defensible market positions, differentiated products and services, scalable business platforms, and consistent financial performance. CFB targets investments arising from management buyouts, leveraged buyouts, recapitalizations, corporate divestitures, growth financings, and going-private transactions.

CC Capital Advisors (Kansas City) is an independent investment-banking firm that provides services to middle-market companies, both public and private. Services include consultation of mergers and acquisitions, capital sourcing and corporate financial and strategic planning.

Cultivation Capital (St. Louis) invests in early-stage life sciences companies, primarily in the therapeutics, diagnostics, research tools and reagents, medical devices, and healthcare information technology verticals. Cultivation Capital was recognized for being among the nation's most active seed investors in 2015.

The eFactory (Springfield) business incubator at Missouri State University supports startups and early stage companies in several targeted industries with a variety of resources, including early stage seed capital.

Helix Fund (St. Louis) supports entrepreneurship in the bioscience sector by providing early stage capital and other financial support for advancing the commercialization of technology and innovation.

Lewis & Clark Ventures (St. Louis) is a venture capital firm focused on funding for high growth companies in sectors that include agtech, digital healthcare and software, serving markets such as financial, agricultural, healthcare, and business enterprise solutions.

Nidus Partners (St. Louis) provides seed funding, entrepreneurial experience and market input to advance early technology towards commercialization. It is a unique collaboration between experienced entrepreneurs and strategic corporations for the purpose of identifying and commercializing technologies impacting the energy market.

Oakwood Medical Investors (St. Louis) is a life sciences venture capital fund formed to invest in development-stage medical device, biopharmaceutical and healthcare service companies.

Prolog Ventures (St. Louis) specializes in early stage life science and animal health companies.

RiverVest Venture Partners (St. Louis) invests in medical device and biopharmaceutical industries, as well as later-stage life science businesses.

Stifel, Nicolaus & Company (St. Louis) is a co-general partner of Vectis II, a national life sciences venture capital and private equity fund, co-headquartered in St. Louis and in Boston with its partner, Brooke Private Equity Advisors.

Thompson Street Capital Partners (St. Louis) is a private equity firm that invests in profitable middle-market companies headquartered in North America.

Tradebot Ventures (Kansas City) invests in technology-based companies located in the Kansas City region.

Triathalon Medical Ventures (St. Louis) is a Midwest-based venture capital firm that invests exclusively in the life sciences, providing equity capital to early and expansion stage companies in biomedical technology that address significant human healthcare needs.

State funding resources

Missouri Technology Corporation (MTC) was established by the Missouri Legislature in 1994 as a private not-for-profit charged with attracting research funding and technology companies to Missouri. MTC has various funding and grant programs aimed at growing the state's bioscience sector, including the Missouri IDEA (Innovation, Development, and Entrepreneurship Advancement) Funds. The IDEA Funds support the transfer of science and technology into job creation and provide financing to eligible businesses through four stages of growth: pre-seed capital stage financing, seed capital stage financing, venture capital stage financing, and expansion stage debt.

IN THEIR WORDS

"The state's highly-educated workforce, favorable business climate, along with local funding from Cultivation Capital, give us confidence that Missouri is the right location for BlueStrata."

Tony Coco, President and CEO, BlueStrata EHR



Life Sciences Research Trust Fund was established in 2003 to enhance and transform research into commercial life science technology. The fund's focuses include agriculture, animal science, plant science, medical devices, biomaterials and composite research, diagnostics, clinical imaging, information technology related to human health, and nanotechnology related to drug development and delivery.

Investment capital conferences

Animal Health Investment Forum is held annually in the Kansas City region to generate investment for early-stage animal health-related companies. Companies presenting at the Forum have raised more than \$260 million. The 2017 forum featured 18 early-state animal health companies from all over the world.

Invest Midwest facilitates investment in the region's top life science, technology and alternative energy companies. This annual conference attracts more than 300 attendees and has helped generate more than \$1 billion in investment capital over the past 17 years.

Missouri Technology Expo (Columbia) provides a forum for researchers, entrepreneurs, investors and business development professionals to interact. The expo brings together ready-to-license technology from institutions across the state, leading state speakers and a pitch competition with prizes.

Occupation Information for Health Innovation

Code	Occupation title	Missouri employment	Missouri median hourly wage	Missouri annual mean wage	U.S. median hourly wage	U.S. annual mean wage
00-0000	All Occupations	2,757,850	\$16.46	\$44,620	\$17.81	\$49,630
17-2031	Biomedical Engineers	160	\$34.44	\$73,640	\$41.16	\$89,970
17-2041	Chemical Engineers	590	\$45.37	\$98,400	\$47.28	\$105,420
19-0000	Life, Physical, and Social Science Occupations	17,900	\$25.08	\$59,240	\$30.45	\$72,930
19-1021	Biochemists and Biophysicists	N/A	\$37.60	\$88,880	\$39.51	\$94,340
19-1023	Zoologists and Wildlife Biologists	380	\$23.55	\$53,010	\$29.10	\$64,890
19-1029	Biological Scientists, All Other	390	\$32.29	\$68,490	\$35.96	\$77,830
19-4021	Biological Technicians	1,210	\$19.00	\$39,550	\$20.44	\$46,130
19-4031	Chemical Technicians	1,200	\$22.35	\$49,530	\$22.04	\$49,770
29-1131	Veterinarians	1,580	\$38.13	\$90,220	\$42.68	\$100,560
29-2011	Medical and Clinical Laboratory Technologists	3,780	\$27.71	\$57,990	\$29.36	\$62,440
29-2012	Medical and Clinical Laboratory Technicians	4,730	\$16.37	\$37,610	\$18.73	\$41,700
29-2056	Veterinary Technologists and Technicians	1,530	\$17.07	\$36,370	\$15.62	\$33,870
49-9062	Medical Equipment Repairers	1,350	\$19.54	\$45,700	\$23.11	\$50,910
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	1,260	\$19.89	\$41,700	\$18.44	\$41,450
51-9082	Medical Appliance Technicians	210	\$17.17	\$39,220	\$17.30	\$39,880

Source: Bureau of Labor Statistics, Occupational Employment and Wage Estimates, May 2016

Missouri Reduces Your Risk and Your Costs

Missouri provides you with a solid business foundation, financial and otherwise. In Missouri, taxes and business costs don't eat up all of your company's profits.



5TH BEST CORPORATE INCOME
TAX INDEX IN THE U.S.

Income tax allocation

An important tax advantage for Missouri businesses is the amount of income considered taxable as only income earned in Missouri is taxed. Two allocation options are offered for calculating this income: (1) the three-factor formula, based on sales, property and payroll or (2) the single-factor formula, based only on sales. Missouri is one of only two states to allow companies to annually select the income allocation formula that results in lower corporate income tax liability.

In addition, it is important to note that Missouri has not adopted worldwide or nationwide unitary tax assessment in computing multinational corporate income tax liability.

Tax exemptions for manufacturers

Manufacturers locating in Missouri enjoy numerous tax advantages, including:

- Sales/use tax exemption on machinery and equipment used to establish a new or expand an existing facility
- Property tax exemption for inventories
- State sales tax & local use tax exemption on energy purchases

Our services

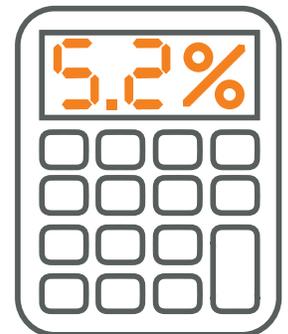
Missouri is also committed to your growth. We are ready to work with you, statewide, to make the journey from the initial site search to the day you open for business see reduced risk, no pain, and efficient progress through first-class support and site selection assistance. Our team is ready to work with you and provide a "concierge service" as you consider where your next expansion will be.

Benefits like our low business and labor costs, reliable and inexpensive energy, aggressive and performance-based incentives and a statewide commitment to attracting companies and investment, make Missouri a place where your company can come to grow and thrive. Whether it's in six weeks, six months, or six years, we are an expert resource to support you when the time is right to look at Missouri.

Certified Sites

Missouri's Certified Sites Program also reduces your risk by ensuring there has already been a comprehensive review of items including the availability of utilities, site access, environmental concerns, land use conformance, and potential site development costs. Having a site "certified" reduces the risk associated with development of particular sites by providing up front and consistent information. Additionally, Missouri's 50+ years of a AAA bond rating is representative of our solid financial acumen and stable financial foundations.

Missouri has more than 60 rail served sites of 50+ acres or more and 100 industrial facilities with more than 50,000+ square feet (LocationOne as of 9/21/2017).



EFFECTIVE CORPORATE
INCOME TAX OF **5.2%**



Steve Johnson, CEO

314-596-6084, steve@missouripartnership.com

Steve joined Missouri Partnership in early 2015, having led regional economic development efforts in both St. Louis and Kansas City over the past 30+ years. Steve directs the Partnership's marketing and business recruitment teams, working in close cooperation with the Missouri Department of Economic Development and the Hawthorn Foundation.



Subash Alias, SVP

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Subash focuses on business recruitment activities including lead generation and project management across multiple industry sectors, with an emphasis on aerospace and financial services, to bring jobs and investment to Missouri. He works primarily out of our St. Louis office.



Deborah Price, VP of Business Recruitment & General Counsel

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Focusing mostly in domestic markets as well as South America and Israel, Deborah is generating, cultivating and closing opportunities with companies across multiple industry sectors, including agtech and health innovation. As General Counsel, Deborah serves as the Partnership's senior attorney responsible for advising the CEO on legal issues involving organizational operations, contractual and statutory compliance and overall risk management. She is based in our St. Louis office.



Dennis Pruitt, CEcD, VP of International Business Recruitment

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Based in our St. Louis office, Dennis works across multiple industry sectors, including energy and food solutions. He primarily targets companies in Europe, Asia, and Canada to bring new jobs and investment into Missouri.

