

FACT SHEET

South Dakota's RESEARCH PARKS



Powering a State of Innovation

South Dakota's Research Parks foster collaboration and partnerships between research institutions, business, industries, and government – bringing together key partners to shape South Dakota's economic future, create opportunities for people and businesses, and power the innovation that impacts the world. These master planned, innovation communities share a common goal of propelling knowledge-based economic development and an innovation-driven economy. A broad group of stakeholders have partnered to ensure this vision becomes reality.

Growing the economy.

Research parks drive economic development by fostering entrepreneurship and supporting start-ups through robust incubation programs. They provide the infrastructure necessary to create new ventures thereby strengthening the region's capacity to support and grow innovation-based businesses resulting in new jobs, increased wealth and tax revenues.

Creating opportunity.

Research parks create an opportunity path for students, graduates, innovators, investors, businesses and universities. They attract and retain talent, expand the state's research capacity and accelerate the commercialization of research. These public-private partnerships spur increased education, technology transfer activity, funding and new research collaborations.

Powering innovation that impacts the world.

Research parks connect core university strengths with private sector resources and companies. These communities of innovation create a dynamic and collaborative environment where talent, research, and businesses interact to create new ideas, new technologies and new opportunities impacting not only our region, but our world.

Research Parks By-the-Numbers

205

acres

140,000

square feet
of business
incubation space

\$29.4M

capital
investment

1,238

high-wage
jobs

Economic Impact @ Buildout

58

privately
developed
buildings

2,565,000

square feet
of business
amenities

\$689M

facility
construction
investment

6,300

people
employed

2004

- SDSU Growth Partnership formed to fund the Research Park at SDSU—the state's first research park
- South Dakota Technology Business Center (SDTBC) opened as South Dakota's first technology-focused incubator

2006

- Black Hills Business Development Center opened

2008

- Brookings Innovation Center opened as Research Park's headquarters
- Additional infrastructure (roads, curbs, gutters, sidewalks, and utilities) for the entire 125 acres of the Park completed

2010

- USD GEAR Center opened
- Legislature approved 80-acre research park adjacent to University Center
- 7,000 sq. ft. SDTBC expansion completed
- Seed Technology Laboratory completed

2012

- Second wing of the BIC was completed adding 16,000 sq. ft. of lab & office space
- Two-story 30,000 sq. ft. spec building completed by Lloyd Companies
- USD Discovery District hosted the National Institutes of Health (NIH) and SBIR innovation research conference

2014

- Legislature appropriated \$1M for Discovery District infrastructure and USD GEAR Center expansion

- cGMP space complete at USD GEAR Center
- \$460,000 remodel of the SDTBC initiated
- Master plan complete for Discovery District

2016

- SDSM&T and Rapid City business leaders began exploration of Black Hills area innovation district



SITE: 125 ACRES

INCUBATOR: BROOKINGS INNOVATION CENTER

OCCUPANCY: 85%

PARTNERS: BOARD OF REGENTS, SDSU, VISION BROOKINGS, CITY OF BROOKINGS, BROOKINGS COUNTY & GOED

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The Research Park at South Dakota State University (SDSU) strives to provide an environment where dreams become reality, businesses are grown, and knowledge, research, and resources are turned into economic opportunities. The Park provides more than one million square feet of first-class office space, laboratories, conference rooms and greenhouse space. The first research park in South Dakota aims to foster collaboration and partnerships between SDSU, businesses, industries and government. To date, the Park has leased 3 building sites that house 3 buildings totaling 119,000 square feet at a cost of \$16M. There are 39 companies located in the Park with 180 employees.

The park houses the Brookings Innovation Center (BIC), a 44,000 square foot business incubator, of which 27,000 square feet can be leased. It is currently at 85% occupancy with 38 businesses employing 90 individuals. It is also home to the Seed Technology Laboratory. This unique facility, with 28,000 square feet, brings the South Dakota Crop Improvement Association, the SDSU Seed Testing Lab, the Seed Certification Service, the Crop Quality Lab and molecular biology/genomics and bio-containment laboratories under the same roof.

At full build out, the Research Park economic impact is projected to include:

- 32 privately developed buildings totaling 1.4M square feet.
- Facility construction value exceeding \$375M.
- Nearly 3,500 people employed by companies located at the park.



UNIVERSITY OF SOUTH DAKOTA

DISCOVERY DISTRICT

SITE: 80 ACRES

INCUBATORS: SDTBC, USD GEAR CENTER

OCCUPANCY: 85% (SDTBC) 100% (USD GEAR CENTER)

PARTNERS: BOARD OF REGENTS, USD, FORWARD

SIOUX FALLS, CITY OF SIOUX FALLS & GOED

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The USD Discovery District is a resource to help grow companies in South Dakota and connect universities with innovation-driven businesses. The Master Plan envisions a dynamic environment for students, researchers and entrepreneurs developing new innovations.

The 80-acre site includes the Graduate Education and Applied Research (GEAR) Center that provides a physical location for both private sector and university research activities, including USD's Biomedical Engineering Program (BME). At 22,000 square feet, the Center's specialized research suites, equipment and technical staff support public and private sector research activities. An Aseptic GMP Production and Training Center provides pilot-scale cGMP services. BME faculty and students are actively engaged in industry collaborations to advance the frontiers of biomedical science and engineering to bring new products to market. Two privately-held biotech firms are currently housed in the USD GEAR Center—Alumend and Synzyme Technologies, LLC.

The Discovery District offers business incubation space and services through the South Dakota Technology Business Center (SDTBC) and is located adjacent to the University Center with two facilities totaling 110,000 square feet of academic and academic support space, serving nearly 2,500 students annually.

At full build out, the Research Park economic impact is projected to include:

- 26 privately developed buildings totaling 1.165M square feet.
- Facility construction value exceeding \$314M.
- Nearly 2,800 people employed by companies located at the district.

SOUTH DAKOTA



SCHOOL OF MINES
& TECHNOLOGY

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Black Hills Business Development Center

The Black Hills Business Development Center, owned by the Rapid City Economic Development Foundation, is located on the South Dakota School of Mines & Technology (SDSM&T) campus. The Center is dedicated to incubating startup or new technology businesses with growth potential as well as student skill development by offering quality, affordable space, management assistance, and a nurturing, professional environment. Since inception the 40,000 square foot facility, offering facilities from single offices to light manufacturing areas, has served 19 companies, resulting in more than 330 jobs during their tenancy.

Future Innovation District

Building on this success and the growing research and commercialization activities at the SDSM&T, a potential research park location is being considered. Business leaders and SDSM&T are exploring options to establish an innovation district connecting the campus to downtown Rapid City to leverage these growing opportunities.