



SOUTH DAKOTA MINES[®] **INSTITUTIONAL PROFILE**

ABOUT THE UNIVERSITY

For nearly 140 years, South Dakota Mines (SDM) has excelled in developing world-class leaders in science, technology, engineering, and mathematics. Originally founded to provide instruction in the Black Hills' primary industry, mining, it has evolved into one of the region's leading science and engineering universities.

South Dakota Mines' purpose has always been to educate scientists and engineers who address global challenges through research-based discoveries and push the boundaries of human knowledge to create a better future.

Located between the beautiful Black Hills and Badlands of western South Dakota, SDM is a hub for the high-tech ecosystem thriving in this area alongside the Sanford Underground Research Facility and Ellsworth Air Force Base. The university's local, regional, and national collaborations support a thriving economy in South Dakota and beyond.

POINTS OF PRIDE

- Over \$73,500 average starting salary for Mines graduates
- 97% placement rate
- 39% of graduates work or attend graduate school in South Dakota
- 75% of students complete at least one internship
- Ranked #2 most recommended university in the Midwest by Wall Street Journal
- Listed by Forbes as one of the nation's top colleges
- New state-of-the-art Nucor Mineral Industries Building opening in 2025
- Military- and veteran-friendly school: #2 in nation for service to veterans
- \$24 million in research awards – a 71% increase since 2019 with annual research expenditures of \$19 million

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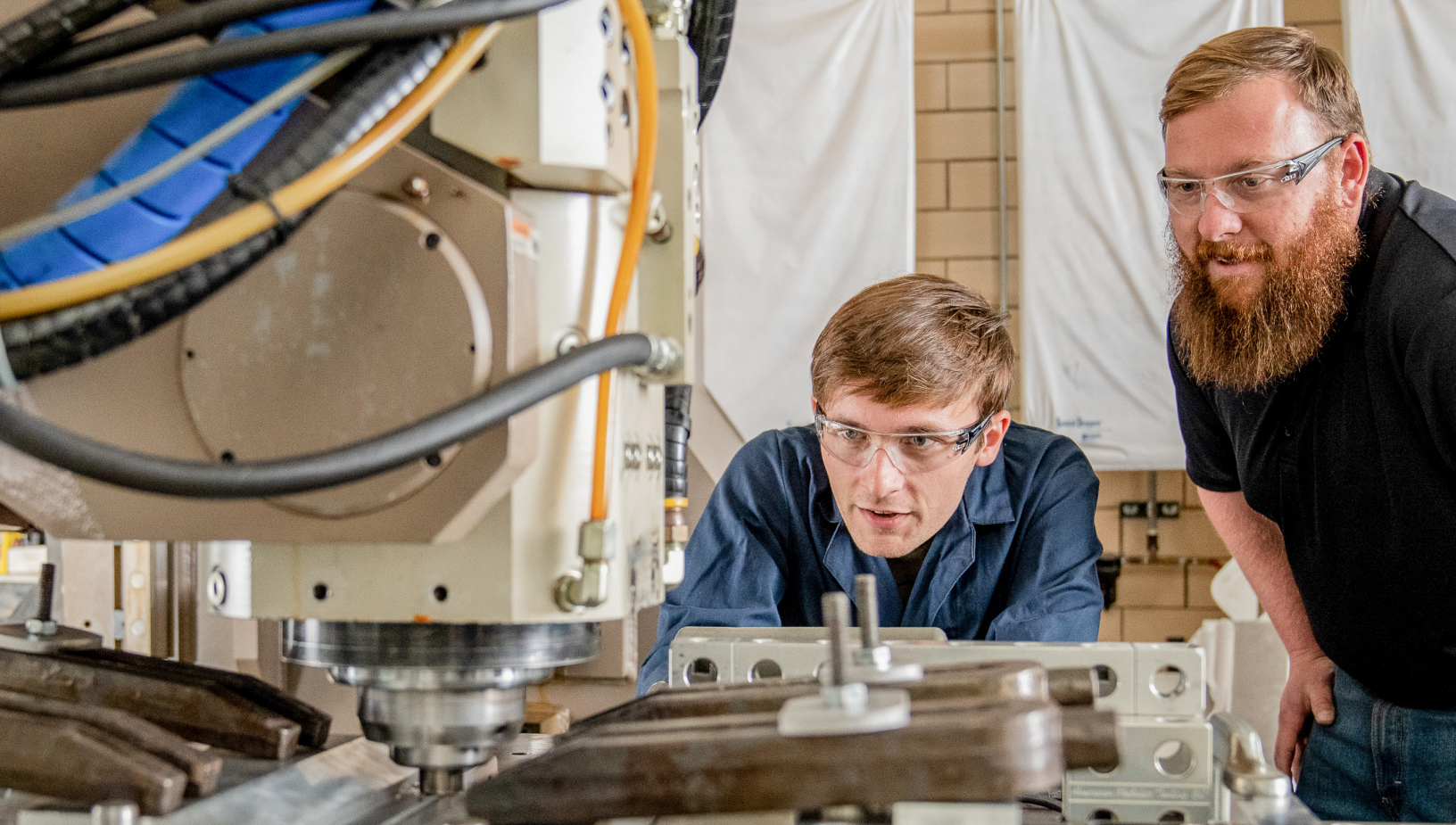
Explore the 2023 - 2028 SDM Strategic Plan | sdsmt.edu/about/mission-vision-and-values/strategic-plan.html

THE OPPORTUNITY

The South Dakota Board of Regents invites nominations and applications for the position of President of South Dakota Mines (SDM). Located in Rapid City, SD, SDM seeks a leader who is passionate about higher education, advancing STEM education, and generating economic development for the Rapid City community, state, and region. Under the oversight of the South Dakota Board of Regents Governing Board and Executive Director, the President is responsible for managing all university operations and ensuring they align with the mission of the South Dakota Mines.

THE SUCCESSFUL CANDIDATE WILL POSSESS THE FOLLOWING QUALITIES, EXPERIENCES, AND CHARACTERISTICS:

- A strategic and forward-thinking visionary with an ability to bring people together to move the university forward.
- Ability to effectively build relationships with students, faculty, staff, community leaders, industry partners and policymakers.
- An outstanding communicator and listener willing to embrace the values, traditions, and culture of the university, Rapid City community, and state of South Dakota.
- Ability to build and foster relationships with the City of Rapid City and its partner organizations to drive economic development and provide opportunities for students and graduates.
- A committed and inspiring leader who empowers others and optimizes the efficiency of a skilled and dedicated leadership team, faculty, and staff.
- A student-centered leader who will enrich the student experience, foster a culture of innovation and opportunity, be committed to student success, and support the needs of STEM students.
- Ability to advance the university's expanding research agenda and promote a forward-thinking culture through collaboration with stakeholders.
- A commitment to excellence in teaching and ensuring that academic programs meet industry and workforce needs.
- A skilled fundraiser with experience in cultivating relationships, developing partnerships, and building a positive culture of philanthropy and community engagement.
- Ability to "Tell the Story" of SDM and be a champion for the university and its role in the community, state, and region.
- A high level of understanding of fiscal issues affecting institutions of higher education, in particular, an astute knowledge of public university finances and state-level budgeting and appropriations.
- Knowledge of key issues and trends impacting public higher education and the willingness to be a change agent who can proactively address challenges.
- An earned doctorate, or advanced terminal degree, and/or significant executive leadership experience that would earn the respect of the academic community is required. A graduate degree combined with significant experience may be accepted.
- Candidates should demonstrate significant, successful leadership experience in a complex organizational setting.



FACULTY & STUDENT CONNECTIONS

2023-2024 ACADEMIC YEAR

- Permanent staff: 264
- Total faculty: 170
- 45% of full-time faculty are tenured
- 90% of full-time faculty hold appropriate terminal degrees
- 2,170 undergraduate students
- 322 graduate students

Our university student-to-faculty ratio is 12:1, allowing faculty to get to know their students. These strong connections drive student success beyond the classroom by involving undergraduate and graduate students in research, coaching award-winning collegiate competition teams, and connecting them with professional societies. Additionally, faculty encourage students to participate in internships and co-op experiences to gain real-world experience.

ACADEMIC OFFERINGS

RESEARCH & DEVELOPMENT

South Dakota Mines promotes an innovative and research-driven culture that pushes the boundaries of knowledge and creates wide-ranging partnerships that benefit society through economic growth.

The university has a unique and successful approach to innovation and commercialization that supports faculty and student researchers in their pursuit of discovery.

South Dakota Mines offers a world-class education at an affordable price. SDM is accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools. The undergraduate programs for all engineering, geology, and computer science degrees are accredited by the Accreditation Board for Engineering and Technology, the chemistry program is certified by the American Chemical Society.

HIGHLIGHTED PROGRAMS

- Mechanical Engineering
- Civil Engineering
- Electrical & Computer Engineering
- Biomedical Engineering
- Chemical Engineering
- Pre-Professional Health Sciences
- Geology & Geological Engineering
- Metallurgical Engineering
- Mining Engineering
- Mathematics

The Museum of Geology, which celebrated its 100th anniversary last year, highlights the rich paleontological and mineralogical resources of the West River region of South Dakota. The James E. Martin Paleontology Research Laboratory currently holds more than 500,000 specimens and hosts facilities for sample processing, preparation display, and digital imaging.



CAMPUS & FACILITIES

THE SOUTH DAKOTA MINES CAMPUS FEATURES 23 MAJOR BUILDINGS CONSTRUCTED FROM 1922 TO TODAY, WITH THE ICONIC ARCH IN THE QUAD ANCHORING THE CAMPUS.

The largest current capital project, expected to be completed later this year, is the **Nucor Mineral Industries Building**, which will be a hub for the geology, geological engineering, mining engineering, and metallurgical engineering programs. The facility will provide state-of-the-art teaching and research spaces for core disciplines and continue to spur the creation of new high-tech companies and economic development in the Black Hills. *(pictured bottom left)*

The **Surbeck Center** plays a vital role on campus and is the center of student life, providing opportunities to engage and connect in spaces that include dining halls, study areas, and meeting rooms. The building also hosts social, cultural, and educational programs, as well as services like student health and counseling.

The **Devereaux Library** is home to the Vanderboom Office of Student Success, study spaces, a community makerspace, Einstein's Brothers Bagels, ITS Help Desk, along with the university's collection of books and archives. The basement holds the Department of Industrial Engineering and the Tiospaye Center for American Indian scholars. *(pictured bottom middle)*

The **Vanderboom Laboratory for Entrepreneurial Research (V-Lab)** is a 40,000-square-foot space that is undergoing renovations for labs that will house applied research projects to advance economic development. *(pictured bottom right)*

The Apex Gallery, located in the university's Classroom Building, offers changing exhibitions designed to reflect a cross-section of cultural expressions and perspectives, including works of artists and scientists, many of whom are either nationally or internationally recognized, and occasionally artwork created by our campus community members.



COMMUNITY & REGION

RAPID CITY AND THE BLACK HILLS

Perfectly situated between Badlands National Park and Black Hills National Forest, Rapid City is a gateway to the American West and bold adventures. It provides the perfect setting for outdoor enthusiasts while offering the amenities and attractions of a big city. Rapid City is the second most populous South Dakota city, with a population of more than 80,000 and 200,000 people living in its metropolitan area.

INNOVATION DISTRICT

Mines is located east of the main downtown corridor, in an up-and-coming area of Rapid City currently dubbed “The Innovation District.” In October 2023, Elevate Rapid City, a nonprofit that leads the region’s economic development and small business efforts, received an EDA Tech Hub Strategy Development Grant and organized a consortium of community partners that included SDM to develop a plan for the Innovation District. The focus will be on workforce development for technologies concentrating on renewable energy sources and electrification of fossil fuel-based equipment to support the supply of critical minerals and alternative energy storage solutions.

MILITARY COMMUNITY

The Black Hills are home to Ellsworth Air Force Base (EAFB) and Camp Rapid, headquarters for the South Dakota National Guard. In spring 2024, the region was named a “Great American Defense Community” in recognition and celebration of local support of our military installations and commitment to improving the quality of life for military members and their families. EAFB is home to the 28th Bomb Wing and was selected to host the Air Force’s first operational B-21 Raider, a new, highly sophisticated warfighter.

SANFORD UNDERGROUND RESEARCH FACILITY

The Sanford Underground Research Facility (SURF), an hour west in the former Homestake Mine in Lead, S.D., is the deepest underground science laboratory in the United States at 4,850 feet and among the deepest in the world. SURF advances world-leading science and hosts research with hundreds of institutions, including Mines, and thousands of scientists across multiple disciplines.





CAMPUS LIFE



STUDENT LIFE

Mines is a vibrant and engaging place to be. With more than 125 student organizations, fraternities and sororities, intramural sports, and competitive athletic and academic teams, students have a variety of ways to get involved. Students enjoy collaborating with peers and faculty as they explore projects like building a nuclear reactor, creating a rover that explores volcanoes, or searching for dark matter nearly a mile underground. Community service is ingrained in the culture as students complete more than 8,000 volunteer hours a year.



ARTS + ENGINEERING PROGRAM

The new Arts + Engineering Program at Mines is funded by a grant from the National Science Foundation (NSF). The effort was started by the Department of Materials and Metallurgical Engineering in conjunction with current and emeritus faculty who teach art at Mines in the Department of Humanities and Social Sciences. The program also includes area artists who teach alongside engineering faculty in the university foundry.



STUDENT SERVICES

Career Services, Counseling, Accessibility Services, Ivanhoe International Center, Opportunity Center, Student Engagement, Student Health Services, Campus Ministries, Tiospaye, and Women in Science and Engineering (WISE) are just a few of the offices that serve student needs outside of the classroom.

CAMPUS LIVING

Mines provides guaranteed on-campus housing for students within the first two years after high school graduation. The total bed count is 1,083 across six residence halls and apartments. With a focus on creating impactful experiences, Residence Life staff provide support while promoting campus belonging and involvement. Many students wish to continue their on-campus experience and apply for popular but limited upper-division student housing.



VETERANS

Rapid City is home to Ellsworth Air Force Base and Camp Rapid, South Dakota's Army National Guard headquarters. Active duty, separated, retired, and dependents of veterans find their academic home at Mines. The university ranked No. 2 for Military Friendly Schools during the 2023-2024 year. Our veterans receive dedicated attention through the Rich and Trudy Well's Veterans Resource Center, which provides a place to connect, relax, and study.



ATHLETICS

SDM joined the Rocky Mountain Athletic Conference (RMAC) in 2015. The RMAC is a premier NCAA Division II conference with 15 members, as well as four associate members, located in the states of California, Colorado, Nebraska, New Mexico, Oklahoma, South Dakota, and Utah. The average GPA of all scholar-athletes is 3.282, with a department GPA of 3.0 for 24 semesters in a row. Athletics teams also average more than 2,500 community service hours annually.



PROCEDURE FOR CANDIDACY

Nominations and applications will be accepted until an appointment is made within the practical limits of the process as finalists are identified. For full consideration, candidates should submit materials by September 22, 2024.

All application materials should be submitted electronically to sdminespresident@sdbor.edu and must include:

- A letter of interest;
- A current résumé or curriculum vitae; and,
- The names of five or more professional references with each person's position, office or home address, e-mail address, and telephone numbers.

Applications will remain confidential except for those invited for campus interviews.



The South Dakota Board of Regents is an Equal Opportunity Employer. The Board of Regents ensures that all employment practices are free of discrimination. Arrangements for accommodation required by disabilities can be made by contacting Kayla Bastian at 605-773-3455 or kayla.bastian@sdbor.edu.