

SOUTH DAKOTA BOARD OF REGENTS

Budget and Finance
Consent

AGENDA ITEM: 4 – W
DATE: December 11-12, 2019

SUBJECT

SD Mines Strategic Plan

CONTROLLING STATUTE, RULE, OR POLICY

None

BACKGROUND/DISCUSSION

The South Dakota School of Mines & Technology (SD Mines) completed an update to the university strategic plan during the last academic cycle. The process for the update included many opportunities for the campus to provide input to the plan through use of a steering committee, larger cross-functional group, and surveys to campus. The plan aligns with the South Dakota Board of Regents strategic plan with the four priority areas: student success, academic quality & performance, research & economic development, and affordability & accountability.

The finalized plan specifies goals in four areas: (1) Academic & Co-Curricular Excellence, (2) Research & Innovation, (3) Outreach & Engagement, and (4) Campus Culture. Within each goal area, strategies have been defined and metrics have been developed to support the goals for the next five to ten years. The plan addresses the vision for SD Mines as a university and provides for SD Mines to establish a physical connection to the Rapid City community and newly established Innovation District. In addition, the strategic plan sets goals and strategies that have been incorporated into both a strategic enrollment plan and campus master plan recently developed on campus.

IMPACT AND RECOMMENDATIONS

None.

ATTACHMENTS

Attachment I – South Dakota School of Mines & Technology Strategic Plan

INFORMATIONAL ITEM

Strategic Plan

Vision

Develop world-class leaders in science and engineering to benefit society.

Mission



Educate

scientists and engineers to address global challenges.



Innovate

to reach our creative potential.



Engage

in partnerships to transform society.

Goals



Academic & Co-Curricular Excellence

Graduate innovative students to solve global challenges.



Research & Innovation

Discover knowledge and create partnerships that benefit society.



Outreach & Engagement

Build recognition and respect by promoting our achievements and increasing engagement.



Campus Culture

Create an inclusive and thriving campus environment.

INTEGRITY

INGENUITY

Values

INCLUSION

IMPACT

Academic & Co-Curricular Excellence

Graduate innovative students in the fields of science and engineering who are prepared to contribute to solving global challenges and serve as leaders in an increasingly competitive and interconnected world.

- Develop and implement a **strategic enrollment plan** to effectively recruit and retain students.
- Continuously improve on the **curriculum and experiences** that makes our university both extraordinary and distinctive.
- Advance **innovative, hands-on, project-based learning** strategies integrated across disciplines.
- **Advise and mentor** students to maximize their opportunities for academic, professional, and personal success.
- Create and maintain distinctive programs that are responsive to **changing industry and societal needs**.

Research & Innovation

Promote an innovative and research-driven culture that discovers knowledge and creates wide-ranging partnerships that benefit society through economic growth.

- Obtain a **Doctoral Research University** Carnegie classification.
- Identify and pursue both government and non-governmental **research funding opportunities** in both fundamental and applied research.
- Increase knowledge and skills in proposal preparation and promote a culture of **collaboration and support**.
- Develop plans to integrate **undergraduate research** in the curriculum.
- Develop **state-of-the-art facilities and information technology** that bolster the research, instructional, and communication needs of the campus community.

Outreach & Engagement

Build recognition and respect by promoting the unique achievements of our students, faculty, and staff and increasing engagement with alumni, stakeholders and the community.

- Create a marketing plan to **strengthen brand recognition** and enhance reputation.
- **Increase visibility and recognition** of the academic, athletic, and co-curricular programs.
- **Advance university support** and infrastructure development through coordinated initiatives involving alumni, Foundation, and industry partners.
- **Forge stronger connections** with the local community, and state, regional, national, and international partners.

Campus Culture

Strive to make our campus a place where students, faculty, and staff thrive in an inclusive, equitable, diverse, and creative environment.

- Foster a **safe and healthy environment**.
- Promote a balanced **value system** that encompasses a universal commitment to academic success, individual well-being, service, and philanthropy.
- Build a **sense of community** that cultivates collaboration, inclusion, and innovation.
- Promote **flexible business processes and practices** that support excellence and efficiency.

Strategic Plan Metrics

	<u>2023 Goal</u>	<u>Current</u>
Enrollment (total headcount)	3,150	2,545
BS	2,700	2,243
MS	250	180
PhD	200	122
Retention rate (freshman-sophomore)	83%	78%
Graduation rate	60%	49%
Placement rate	98%	97%
Annual external grant expenditures	\$25 M	\$11 M
Annual funds raised	\$10 M*	\$8 M

*FY20 Goal