





About Our Department

Residence Life Mission

The South Dakota Mines Department of Residence Life is committed to providing impactful and transformative experiences that foster inclusive living-learning communities and prepare responsible members of society.

Our Vision

To offer an innovative and transformative residential experience at South Dakota Mines.

2024 Strategic Plan

Pillar 2: Campus Culture & Pillar 4: Enrollment and Success

Campus Representation

- Student Wellness Committee
- Sustainability Committee
- Behavioral Intervention Team
- Threat Assessment Team
- Emergency Response Team
- Student Leadership Summit Team

- Student Club and Organization Advising Sustainability Committee
- Student Emergency Fund
- Environmental Health, Safety, & Risk Committee
- Student Development Leadership Team Student Awards Ad-hoc

Co-Curricular Residential Education Model

- Development of soft skills
- Teach life skills in a reduced-risk setting
- Support and promote sense of belonging



Staffing Model for FY24

Professional Staff (3.0 to 3.5 FTE)

Katie Wahls Director of Housing & Operations

Bryce Nussbaum Director of Residential Education & Community Standards

Teresa Million Residence Life Office & Card Services Coordinator

Isaac VanDerWolde Graduate Area Coordinator of Palmerton & Connolly Halls

Vacant Position Area Coordinator of Placer & Peterson Halls

Vacant Position Area Coordinator of Palmerton & Connolly Halls

Student Staff (56 total)

05 Assistant Area Coordinators 06 Summer Crew

38 Resident Advisors 02 Student Facilities Coordinators

03 Residential Tutors 02 Student Rocker Square Custodians

Staffing Model for FY25

Professional Staff (5.0 FTE)

Director of Housing & Operations (1 FTE)

Director of Residential Education & Community Standards (1 FTE)

Residence Life Office & Card Services Coordinator (1 FTE)

Vacant* Rocker Square Apartments Hall Director (1 FTE)

Vacant* Graduate Area Coordinator of Palmerton & Connolly Halls (0.5 FTE)

Offered* Graduate Area Coordinator of Peterson & Placer Halls (0.5 FTE)



Department Highlights

Rocker Square Apartment Lease (10-year renewal) - Completed Laundry Contracts and Planning for FY25 – Ongoing Peterson Hall Furniture Replacement Project – Ongoing Rocker Square Internet Improvements – Completed

Residence Life by the Numbers

Total Overall Occupancy	Spring 2024	Fall 2023	Spring 2023
Maximum Occupancy	1085	1085	1085
Actual Occupancy	1014	1049	1017
Actual as % of Maximum Occupancy	93.46%	96.68%	93.73%
Total Leased (Rocker I/II)	Spring 2024	Fall 2023	Spring 2023
Maximum Occupancy	247	247	247
Actual Occupancy	244	245	230
Actual as % of Maximum Occupancy	98.79%	99.19%	93.12%
Total Auxiliary	Spring 2024	Fall 2023	Spring 2023
Maximum Occupancy	838	838	838
Actual Occupancy	770	804	787
Actual as % of Maximum Occupancy	91.89%	95.94%	93.91%

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Continuous Improvement Initiatives

Cost to Quality
Perceptions of Safety
Full Time Professional Staff Vacancies
Addressing Basic Need Barriers





Electrical Engineering & Computer Science



Strategic Plan

List the top two initiatives, goals, or achievements (as applicable) for the department.

Academic & Co-Curricular Excellence

- Develop Data Science degree, certificates and curriulum
- Develop 2+2 agreements in Wyoming and Colorado

Research & Innovation

- Hiring to strengthen dept research groups
- DSE & Biocomputing w/USF/SSOM

Outreach & Engagement

- Summer Camps
- Go To Mines

Campus Culture

- Lab upgrades and renovations
- Study study, meeting and workspaces





Department/Center/Program Highlights

- New faculty: Nate Belcher, Dr. Sebin Gracy, Dr. Kai Ren
- Current searches: EE & CS
- Planning: Data Science BS/MS, Certificates (removal of specializations)
 - Courses in Data Science, AI, RF & Audio electronics and Power needed.

- Removing several minors and specializations planned.
- Research awards for Rebenitsch (VR), Zhao (Smart Grid), Biomedical Computation (McGough).
 - Dr. Hoover has made final cut for NSF E-RISE.
- List new fundraising highlights: Avionics Lab, Building, IAB
- In process 2+2 EE.
- Outreach: GTM, Tours, Summer camps
- EEP renovation:
 - Paint, Signs, Acoustics, ...
 - Teaching Labs:
 - IDEA 334 & 335
 - Circuits 336
 - Hub 337
 - Communications 338
 - Avionics 340
 - Digital Systems 341
 - Electronics 342





Monthly Reports

Academic Affairs & Enrollment

Enrollment Management

- Admissions counselors are actively reaching out to admitted students to discuss next steps in the process and connect them to any resources.
- Course registrations are beginning to come in from first-time, full-time students.
 Many students are still waiting for federal financial aid awards before deciding.
- Spring travel for admissions counselors is picking up with fairs in MN and CO.

Academics

- The final draft of the assurance argument for HLC has been completed and is being reviewed before being submitted in March.
- Numerous faculty searches are underway with offers beginning to go out for faculty planning to start in fall 2024.

Student Success

The spring Career Fair had 192 companies, the largest spring fair thus far.
 Companies were from 32 states plus Washington DC and Canada, 55 South Dakota companies, and 20 Black Hills companies.



Academic Affairs & Enrollment

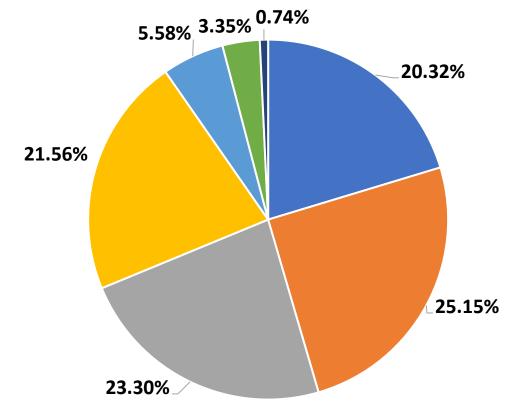
Applications, acceptances, and registrations:

	Fall 2020	Fall 2021	Fall 2022	Fall 2023	Fall 2024
Applications	1,334	1,419	1,528	1,533	1,566
Acceptances	1,108	1,110	1,226	1,274	1,224
Registrations	197	177	282	274	206
Transfers (Spring)	-	-	-	-	-
Transfers (Fall)	10	9	14	12	8



Academic Affairs & Enrollment

Class standing in attendance



Class Standing	Total	Percentage
Freshman	164	20.32%
Carabana	202	25 450/
Sophomore	203	25.15%
Junior	188	23.30%
Senior	174	21.56%
Masters	45	5.58%
PhD	27	3.35%
Alumni	6	0.74%
Total	807	





Major	Total	Percentage
Atmospheric & Environmental Sciences (BS, MS, PhD)	3	0.37%
Biology (BS)	1	0.12%
Biomedical Engineering (BS, MS, PhD)	42	5.20%
Business Management in Technology (BS)	10	1.24%
Chemical Engineering (BS, MS)	43	5.33%
Chemical and Biological Engineering (PhD)	4	0.50%
Chemistry (BS)	6	0.74%
Computer Engineering (BS)	28	3.47%
Civil and Environmental Engineering (BS, MS, PhD)	66	8.18%
Computer Science (BS)	85	10.53%
Computer Science and Engineering (MS)	11	1.36%
Construction Engineering & Management (MS)	1	0.12%
Electrical Engineering (BS, MS, PhD)	45	5.58%
Engineering Management (MS)	3	0.37%
Geology (BS)	30	3.72%
Geological Engineering (BS)	5	0.62%
Geology and Geological Engineering (MS)	5	0.62%
Geology, Geological Engineering and Mining Engineering (PhD)	2	0.25%
Green and Sustainable Chemistry (MS)	0	0.00%
Industrial Engineering and Engineering Management (BS)	32	3.97%
Industrial Engineering (MS)	14	1.73%
Mathematics (BS)	5	0.62%
Materials Engineering and Science (MS, PhD)	4	0.50%
Mechanical Engineering (BS, MS, PhD)	257	31.85%
Metallurgical Engineering (BS)	49	6.07%
Mining Engineering (BS)	18	2.23%
Mining Engineering and Management (MS)	9	1.12%
Nanoscience and Nanoengineering (MS, PhD)	5	0.62%
Paleontology (MS)	0	0.00%
Physics (BS, MS, PhD)	18	2.23%
Pre-Professional Health Schiences (BS)	3	0.37%
Science, Technology, and Soceity (BS)	3	0.37%
Total	807	

Majors in attendance



February, 2024

For Fall 2024

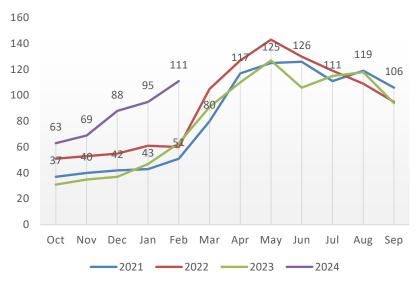
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Current Accepted applications- potential enrolled	Fall 2024	3-yr avg	# change from 3-yr avg	% change from 3-yr avg
Current accepted				
applications	111	58	53	91.4%
Campus MS/cert	97	51	46	90.2%
Distance MS/cert	9	4	5	125.0%
PhD	5	3	2	66.7%
U.S. students	76	52	24	46.2%
International	35	6	29	483.3%
Thesis MS	12	10	2	20.0%
Nonthesis MS	81	16	65	406.3%
Undecided MS*	0	7	(7)	-100.0%
Accelerated	62	45	17	37.8%

^{*} Undecided is no longer an option on the application

- New tracking of thesis/nonthesis apps to monitor effect of streamlined nonthesis admissions.
- In-person recruiting impact: increase in inquiries; and 7 apps from target schools compared to 0-1 apps in previous years.
- Writing Center opened to Fr-So students

Graduate Education





Inquiries (includes inquiries resulting in applications);	2021	2022	2023
Brigham Young University			1
Colorado School of Mines	1	1	3
Montana State University	1		
Montana Technological University			2
North Dakota State University			1
South Dakota State University			7
University of Wyoming		1	1
Utah State University			1
Total	2	2	16

Feb. 16 Scholar-athlete night-3.18 Cumulative GPA
176 with a 3.0
108 with a 3.5
38 with a 4.0



Athletic Ticket Sales \$63,254

Indoor Track & Field Feb. 23 & 24 RMAC Championships

Remaining Home Basketball Games

March 1 vs Chadron State 5:30 & 7:30

2 vs Colorado Christian 4 & 6 pm

March 5 RMAC Playoff – TBD

March 8 & 9 RMAC Playoff



Wellness Center

January 8 – February 7, 2024 5941 Total Scans

Students: 5571

• Faculty: 105

• Staff: 236

Volunteer: 26

Equipment Checkout

• 53

Bouldering Wall

• 131

Group X



Intramurals

Feb. 2024

Archery Tag:

Total Students: 19

Officials: 10

Games Played:5

Teams: 3

Hand Ball:

Total Students: 38

Officials: 12

Games played: 7

Teams: 4

Wiffle Ball (Still going on):

Total Students: 65

Officials: 10

Games Played: 6

Teams: 6



Intramurals

Feb. 2024

Remaining Schedule:

4v4 Volleyball Feb. 13, 15, 20 & 25

5v5 Basketball Feb. 27, 29, March 5 & 7

Lazer Tag March 19 & 21

Dodge Ball March 26 & 28

Bubble Soccer April 2, 4, 9 & 11

Kickball April 16 & 18

Pickleball April 23 & 25



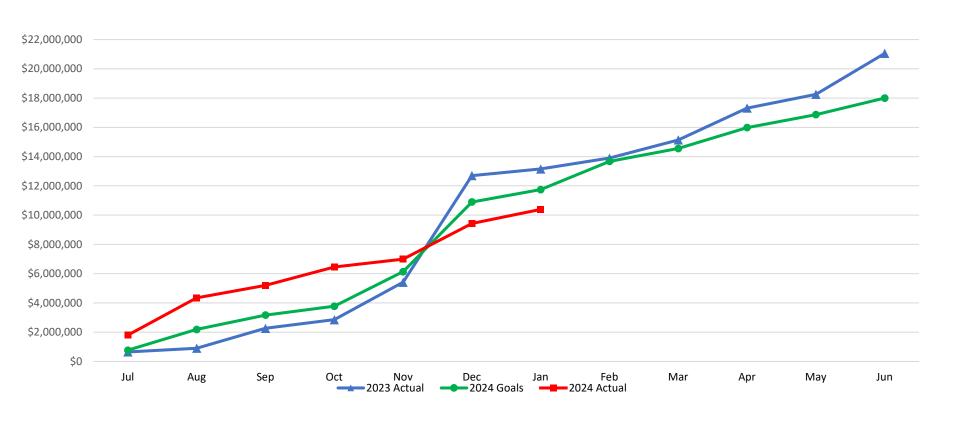
FY24 Annual Goals

Category	FY 23 Actuals	FY 24 Goals	FY 23 Actuals thru 1/31/23	FY 24 Actuals thru 1/31/24
New Gifts and Pledges:				
• Cash	\$ 9.43 M		\$ 6.02 M	\$ 4.72 M
• Stock	\$ 1.26 M		\$.50 M	\$ 0.21 M
• Pledges	<u>\$ 10.36 M</u>		\$ 6.64 M	\$ 5.47 M
Total New Money	<u>\$ 21.05 M</u>	<u>\$18.00M</u>	<u>\$ 13.16M</u>	<u>\$ 10.40 M</u>
Gifts In Kind	\$ 43 K		\$ 9 K	\$ 103 K
• Estimated Heritage Society Gifts	\$ 2.89 M		\$ 322 K	\$ 500 K
Pledge Payments	\$4.94 M		\$ 3.42 M	\$ 5.94 M





Contributions





FY24 Annual Financial Goals

Category	FY 23 Actuals	FY 24 Goals	FY 23 Actuals thru 1/31/23	FY 24 Actuals thru 1/31/24
Mines Advancement Fund	\$844 K	\$650 K	\$427 K	\$477 K
Corporate and Foundation Giving	\$1.02 M		\$467 K	\$3.91 M
Major Gifts	\$18.66 M		\$11.73 M	\$5.58 M





Breakdown of all gifts

Area	As of 1/31/24
Scholarships	\$4,725,774
Department Support	\$1,208,339
Athletics	\$189,185
Faculty Support	\$103,350
Facilities	\$3,583,103
Mines Advancement Fund	\$477,487
CARA Endowment & Unrestricted	\$110,010
Total	\$10,397,248



FY24 Donor Goals

Category	FY 23 Actuals	FY 24 Goals	FY 23 Actual thru 1/31/23	FY 24 Actual thru 1/31/24
New Heritage Society Members	23	20	15	8
Gifts over \$10,000 (Unique Donors)	173	180	112	115
Total Donors	2,180	2,250	1,499	1,907



Upcoming Alumni Events

February:

- Career Fair (121 alumni registered)
- Thursday, February 8 @ 11 AM Thursday at Thirsty's
- Friday, February 9 @ 4PM Brookings Student Alumni Concert & Dinner (56 band students)
- Thursday, February 22 @ 6:00 PM Miami Network & Nosh with Dr. Rob Hall at The Key Club
- Friday, February 23 @ 6:00 PM Sioux Falls Craftastic Ladies Night
- Saturday, February 24th @ 10:00 AM Sioux Falls Alumni Top Golf
- Tuesday, February 27 @ 6:00 PM SME Phoenix Alumni Event

March:

- Friday & Saturday, March 1 & 2 Basketball Championship Weekend
- Tuesday, March 5 @ 5:00 PM Alumni & Student Bingo
- Friday, March 15 @ 6:00 PM Woodland Park, TX Alumni Event

April

- Thursday, April 4 @ 6:00 PM Tucson Alumni Dinner
- Friday, April 5 TBD Phoenix Alumni Happy Hour
- Saturday, April 6 TBD Mines Masters Golf Tournament



Student Events

November

Tuesday, November 28 @ 10:00 AM – Cap & Gown (37 students)

December

- Friday, December 1 @ 5:30 PM New Alumni Welcome Reception (49 registered/ 42 attended)
- Friday, December 8 @ 4:00 PM International Student Graduation (1 student)
- Saturday, December 16 @ 9:00 AM Graduation (108 graduates)

January

Thursday, January 4 @ Noon - International Student Welcome (13 students/ 2 alumni/ 9 campus)

March

Tuesday, March 5 @ 5:00 PM – Student Alumni Bingo

April

- Tuesday, April 23 @ 10:00 AM Cap & Gown
- Thursday, April 25 @ 5:30 PM New Alumni Welcome Reception

May

Thursday, May 16th @ 6:00 PM – Titusville Florida Alumni Moonrockers Social



Raising for Rockers

April 3-4, noon to noon





CSA Council

Traditions of Excellence Awardees

- December Alexa Jutila
- January Kaden Heid
- Nominations being accepted for February

CSA Meetings

April 18

2023-2024 Council Members

Angela Mettler, CSA Chair

- May 2024

Shelly Tupper, Vice Chair

- May 2025

Anita Brenneman, Secretary

- May 2024

Amber Anderson, Council Member

- May 2025

Jenn Dusek, Council Member

- May 2024



Faculty Senate

Items from January and February Faculty Senate Meetings:

- Approved updates to Senate Bylaws (needs a majority vote at the spring all-faculty meeting)
- Solicited nominations for Senate Chair for 2024-2026 term.
- Met with Athletics to discuss continuous improvement on faculty notification for student athlete travel
- Approved a change to the Non-Tenure Track Advisory Committee:
 - Change from 1 elected member to two



Facilities, Risk & Services

Parking Ideas/Comments

Requests made to change McLaury lot to red/blue mixed versus having certain rows marked as blue/red.

Request to allow faculty/staff to park in red in McLaury lot

VISITOR PASSES:

26 issued to either 1 or 2 classes a week-or other school students using our library. Should there be a requirement for a pass (reduced rate)?

Addition of more visitor parking instead of giving out visitor parking passes:

- Add visitor parking at King center (4 permits issued) for use of athletics facility.
- Remove dedicated visitor parking in McLaury lot and make entire row visitor.
- Once M&C trailer is moved out turn O'Harra lot into all visitor parking. Advise any visitor that they need to park in visitor parking or tickets will be issued.

CAPE and Dakota Building parking do not require parking passes as they are not owned by the University. CAPE is supplied with 3-visitor passes to park on campus, as needed. Should parking passes be required at these two locations to be fair to all faculty/staff?

Facilities Update

State Project Update

- Campus-Wide Energy Project 95% Complete
- Nucor Mineral Industries Building –
 Substantial Completion October 2024
- ARPA Funded Stormwater & Utility Project Project start: March 2024
- O'Harra Lower-Level Renovation Substantial Completion – March 2024
- King Center HVAC/Utility Start Date March 1st, 2024, Substantial Completion – August 2, 2024
- CBEC Lecture Hall Substantial Completion August 2, 2024 (summer project)
- Surbeck Expansion CO-OP Architects have been selected.
- Old Mineral Industries Asbestos Abatement Contract for Design



Finance & Administration

Budget Cycle: February 2024

- Monitor current year FY24 budget and adjust based on Census Date enrollment numbers
 - Current budget looks good
- Beginning the FY25 departmental budget hearing process
 - Departments submitted their needs for next year
 - Budget Development Committee will review all requests
 - Reviews of credit hour production, graduates, faculty workload, and grant activity are performed for all academic departments
 - Administrative departments are reviewed for efficiencies and effectiveness
- In the middle of the FY25 Legislative Process
 - Legislature JCA FY25 Budget Presentation (23 January 24)
 - The process ends in March with the Legislature appropriating FY25 state general funds and determining salary policy
 - No capital project requests this year



Human Resources







South Dakota Mines' Human Resources will be hosting the annual

BENEFITS FAIR

Friday, April 26, 2024 9 am — 1 pm Surbeck Center Ballroom

Human Resources

Live Well and Be Rewarded

Earn a \$500 contribution in your Health Savings Account (HSA) or Health Reimbursement Account (HRA) by completing the following two requirements

1. Annual Wellness Exam - Attached is the Biometric Screening form that you will need to print and take to the doctor for your annual wellness exam. The annual wellness exam with your health care provider should be completed and the form submitted to TotalWellness prior to April 1, 2024.

2.<u>Online Health Assessment</u> – Click <u>here</u> to create an account or login and complete your <u>online health assessment</u> **prior to April 1, 2024**.

Earn up to \$400 more by completing well-being activities

- •Login or Create an Account at: https://webmdhealth.com/benefit/
- •Completing 100 points will earn you \$100. You can complete this up to 4 times to earn the maximum \$400 contribution
- •All point activities are listed on the <u>portal</u>. Click **continue** under the Earn Points section of Rewards in the portal.



Reward Payout

Well-being rewards will be based upon the health plan you select during open enrollment in May 2024:

- Low Deductible Health Plan Receive contribution of up to \$900 in a Health Reimbursement Account (HRA).
- **High Deductible Health Plan** Receive contribution of up to \$900 into a Health Savings Account (HSA), if eligible based on IRS rules.

To learn more view or download the LiveWellSD Program Guide



Information Technology Services

Software Development

- Delivered solution for tracking payroll budget corrections
- Delivered solution for requesting approval for hosting conferences on campus
- Provided general support for online forms/reporting/software needs
- Worked with BOR/RIS to streamline EAB/Navigate data

Networking & Security

- Installed new edge router for the campus
- Installed replacement firewall (Funded by legislature)
- Improving DMARC reporting to facilitate quarantine mode for email
- Reconfigured entire wifi system to solve wifi issues around campus

Helpdesk/Classroom Support

- Installed new projectors in Surbeck
- Replaced lecterns in EEP
- Customized Team Dynamix to fit our new computer ordering process



Marketing & Communications

Staff Update:

- Finalists for communications manager on campus last week and this week; hope to have an offer out by end of Feb.
- Julia Easton (web designer) transitioned to part-time through end of year, full-time position has been posted

Website Redesign Project

- Working with Modern Campus for technical buildout
- Will be scheduling campus update sessions soon

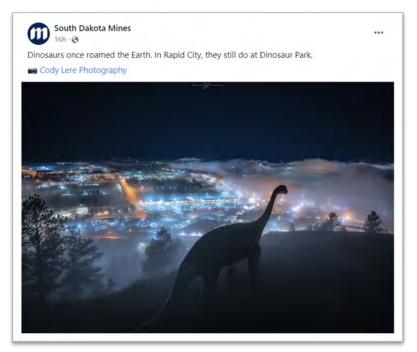
January Social Media Metrics:

- Total Impressions: 891,505
- Total Engagements: 34,723
- Total Post Link Clicks: 7,880
- Monthly Engagement Rate: 3.9%
- Total Audiences: 81,562

Marketing Study Update:

- Study has been completed
- Stakeholder team was presented the results on 2/12 and 2/13
- Info will be summarized and provided at next Cabinet meeting

Viral Dinosaur Park photo taken by alumnus Cody Lere (IS '16)





NFE Council

Updates

- Cedric Collinge, Director of Inclusion, appointed Chair
- NFE members who have left
 - Chris Roman
 - Nathan Williams
 - Kayleigh Johnson
- New members
 - Alyssa Gizinski
 - Bryce Miner
- Events
 - January: Off-Campus at Alternative Fuelhouse
 - February: Valentines Day Roses for employees



President's Office

Office Updates:

- Presentation to Joint Appropriations on January 23
- Mines Day event held at the Capitol on January 29
- BOR scheduled stress test consultants' follow-up visit to campus on March 20
- Ribbon-cutting celebration for Nucor Mineral Industries Building set for April 25, 2025

President's Upcoming Travel:

•	Feb. 25-28	SME	Conference in Phoenix
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March 5-7 Federal Lobbying in Washington, DC

March 12 COPS Meeting in Pierre

March 13-15 Alumni/Development Events in California

April 3-4 BOR Meeting at USD

April 12 President's Dinner in Sioux Falls

April 15-16 RMAC Meeting in Denver



President's Office

Upcoming Events:

- March 20 President's Leadership Academy
 Drew Dudley, Day One Leadership
- March 26 High Plains Regional Science & Engineering Fair Judges needed!
- April 12 President's Scholarship Dinner, Sioux Falls
- April 19 Spring University Advisory Board Meeting
- April 22 Honors Convocation
- May 4 Spring Commencement
- May 8 Employee Service Awards

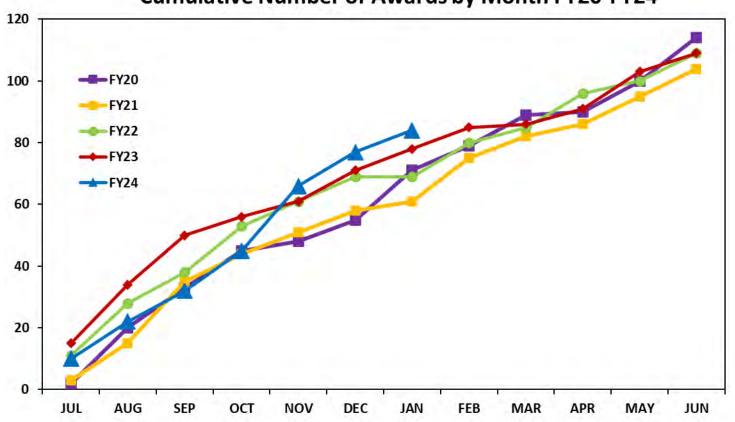


Updates

- New Funding
 - Govil, Sani, Salem: NSF (SDBOR): Biofilm Growth
 - Thalakkotor, Gadhamshetty, Kalimuthu: NSF (SDBOR): Biofouling Mitigation
 - Ozdemir: NSF (SDBOR): Biofabrics
 - Xing: DoD (Lynntech): Li-lon battery with C-based nanostructures (Phase II)
 - Kellar, Prasoon: Authentix: Track and Trace Li-Ores
 - Long: NSF, Modeling Rural Electric Systems
 - Keenan, Beeler, Pagnac: NSF, Biotic and Climatic Change at Eocene-Oligocene Boundary, SD
 - Jasthi, Loveland: USAF: Al integrated coatings
- Events
 - SDSU Research Cyberinfrastructure group on campus: Feb 8
 - SB 45 Funding for Quantum Sci and Tech at JCA as of Feb 13
 - 2024 UG Poster Session at Capitol: Feb 29
 - Student Research Symposium: April 9

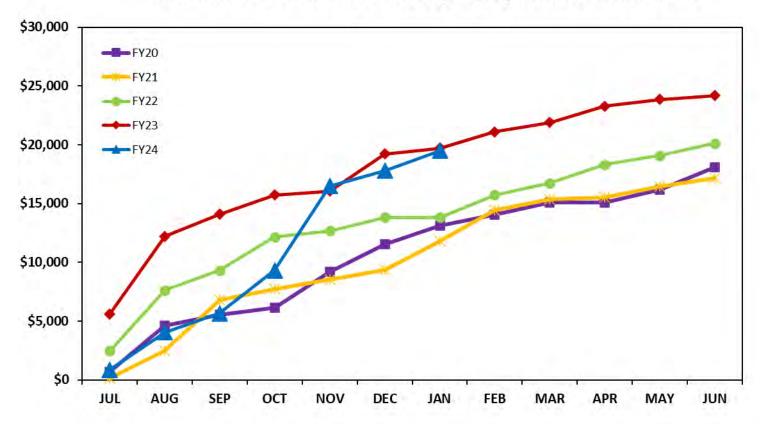


Cumulative Number of Awards by Month FY20-FY24

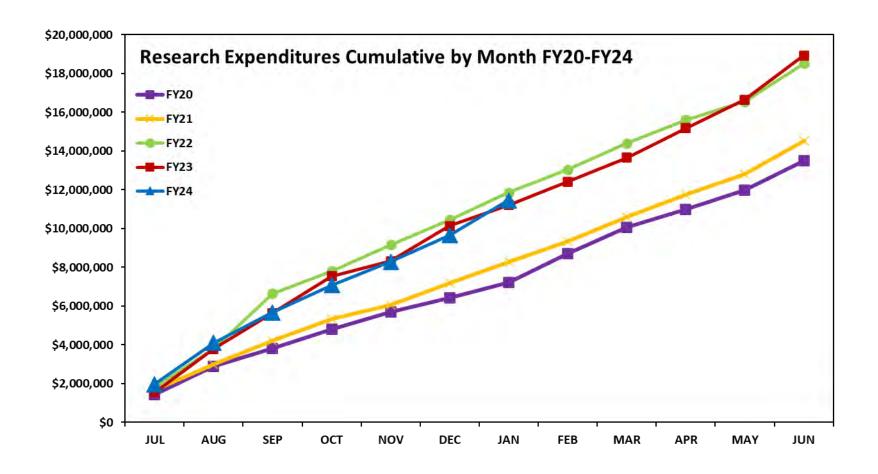




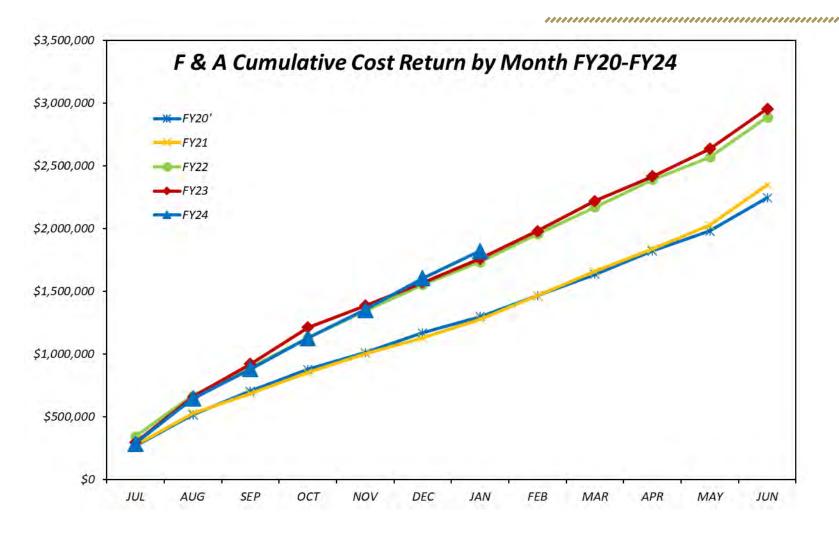
Cumulative Value of Awards (\$ K) by Month FY20-FY24













Student Association



Innovation District planning begins.

- Elevate Rapid City received an EDA Strategy Development Grant for developing The Deep Underground Frontier Tech Hub.
- Key Technology Focus Areas:
 - Autonomous mining equipment
 - Advancing underground decarbonization solutions
 - Mining operational safety and automated systems
- RFP for plan development is being finalized. Expect to have a plan in place by June 2025
- Planning committee:

Elevate Rapid City
The City of Rapid City
South Dakota Mines
RESPEC

Sanford Underground Research Facility Caterpillar Western Dakota Technical College

SD Department of Labor & Regulation



Student Development

Updates

- Staffing
 - Judi Zetah- New Director of Operations for Newman Center
 - Whitney Bischoff- New Community Prevention Advisor for Lost & Found
- Approximately 400 Students Attended the Wellness Fair on 2/15
- Received Results for Campus Resilience Index
 - Stronger resources than most campuses
 - Recommend that we implement a suicide prevention and resilience building initiative
 - Recommend that we communicate our resources to students more thoroughly

 Student Eliza McCallum was the first student to complete 50% of the Personal Development Promise Program and earn a FREE passport



Upcoming Events

2/27- Potters Wheel

2/27- Reality Check Event

2/28- Local Government Workshop

2/28- Off Campus Housing Workshop

3/5- Legacy & Value of Veterans Workshop

3/20- Access and Accommodations Workshop

