



SOUTH DAKOTA MINES
An engineering, science and technology university

University Cabinet

November 27, 2023





**SOUTH
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MINES**

Title IX

Strategic Plan

Outreach & Engagement

- 5-year rape prevention grant (RPG) through SD Department of Health
 - Heavy focus on bystander intervention
- Teaching and interacting with students with disabilities

Campus Culture

- Structure of Title IX and forging a future
- Disability stigmas, stereotyping, and inequalities

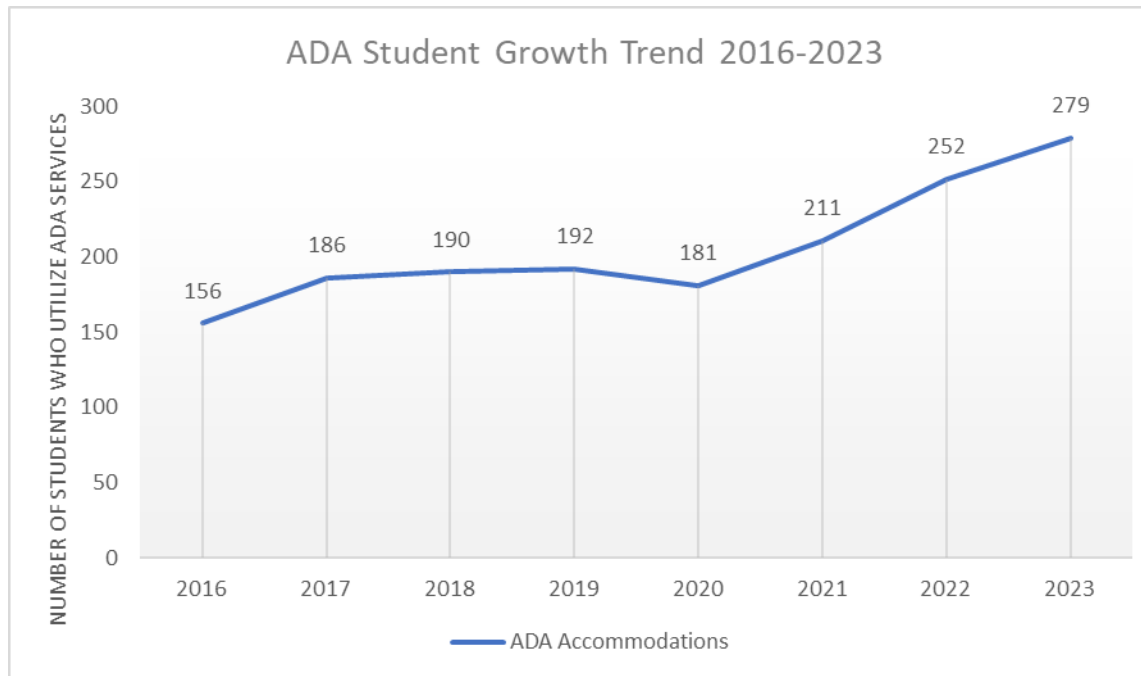
Title IX

- Bifurcated model
 - Title IX General Counsel Holly Farris (BOR in Pierre)
 - Title IX and EO Investigators Ben Nelsen and Jason Everson (SDSU)
 - Title IX Coordinators at each BOR institution
- Publication of final rule expected in March or April 2024
 - Proposed regs will allow institutions to limit participation of non-binary, trans, transitioning, or intersex student-athletes
 - Revision of BOR policies and procedures
 - 2020 regs were very prescriptive, 2024 regs allow for a lot of latitude



Accessibility Services

- Collaborates with the campus community to promote and provide a supportive, accessible, non-discriminatory learning environment.
- Facilitates access to university programs and services through accommodations, education, consultation, and advocacy.
- Goal is to empower students for academic and professional success.





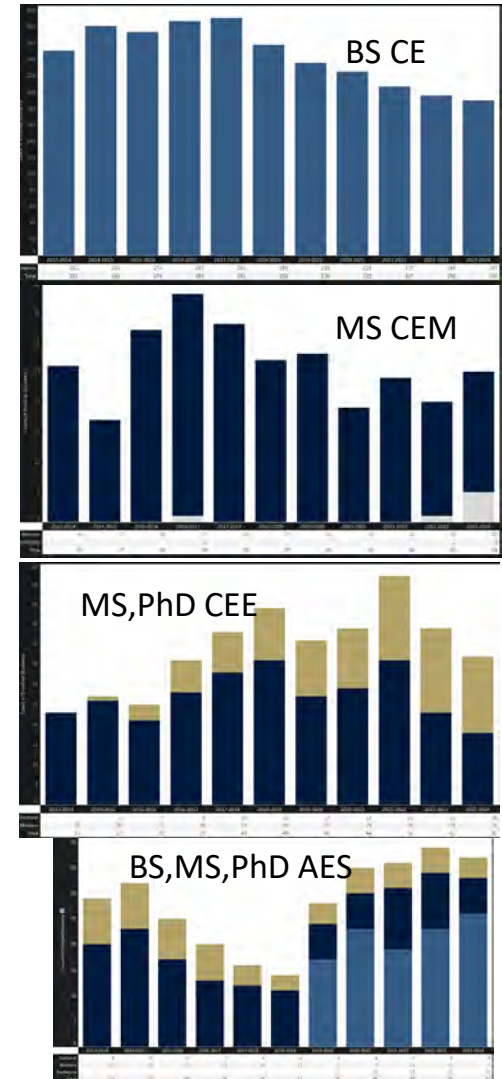
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Civil & Environmental Engineering

*Feat. BS, MS, PhD CEE
MS CEM
BS, MS AES*

Department Strategic Plan

- Academic & Co-Curricular Excellence
 - CEE – optimizing BS curriculum with geology for eng/programming for eng/data analysis option, added highway eng, and additional CEE electives.
 - CEE – case study integrations throughout BS curriculum
 - CEM – establish construction engineering minor; continue streamlining curriculum. Very high enrollment growth projected for next AY
 - AES – established meteorology and environmental science specialization tracks; targeted plan for BS and MS enrollment growth; better branding for MS non-thesis
- Research & Innovation
 - CEE – pending NSF ERC lead (Gadhamshetty), and several newly funded research projects
 - CEE – continuing with departmental funded undergraduate researchers
- Outreach & Engagement
 - CEE –ASCE student chapter successes at regionals/nationals; renovation of concrete canoe HVAC
 - CEE/AES – continued development and deployment of k-12 teaching modules for outreach. Each faculty req'd 1+ outreach engagement/semester
- Campus Culture
 - CEE/CEM/AES – anticipating enrollment growth for next AY. Consider AES and CEE Professor of Practice Positions as programs grow, and future Gadhamshetty teaching replacement (due to NSF ERC) and Arneson-Meyer retirement (EM courses, 1st and 2nd year advisor)
 - CEE - Enhancement of student spaces → CEE/ME Hive, graduate student space updates



Department Highlights (slide 1 of 2)

- Faculty/Staff:

- **Recent hires:**

- **Instructor Jeff Hoffmann – CEM instructor, Intro to CEE, co-teaching CEE Professions**
- **Assistant Professor Jongchan Kim – geotechnical engineering**
- **Eva Chase – campus sustainability coordinator (shared with BHSU)**

- **Current/Upcoming hiring:**

- **AES Professor of Practice or split research Assistant Professors for environmental science (Kunza and Kliche replacements)**
- **CEE tenure track faculty positions in sustainable engineering and water resources (searches ongoing)**
- **Potential environmental engineering Professor of Practice (Gadhamshetty replacement) – if NSF ERC is funded**
- **Hopefully next AY, tenure track faculty in Transportation Engineering - ~20% of CEE graduates continue to work in transportation field**

- Research:

- **Significant uptick in research grant proposal output and funding, including potential NSF ERC (Gadhamshetty), DOE DARPA (Shearer and Dhiman), USGS 104g (Geza), NSF environmental engineering (Ye), EPA climate adaptation (with Rapid City; Sieverding)**
- **Current NSF Epscor Track 1 (Gadhamshetty and Dhiman) continues to provide faculty and graduate student support, including seed grants, ½ faculty line, and several new PhD students. Grant will be expiring this AY**
- **Will continue with very successful Dept funded undergraduate researchers. ~10 supported, including several freshmen**
- **Living laboratory continues to gain local interest (Lingwall)**



Department Highlights

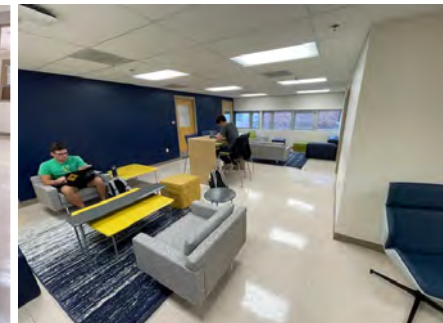
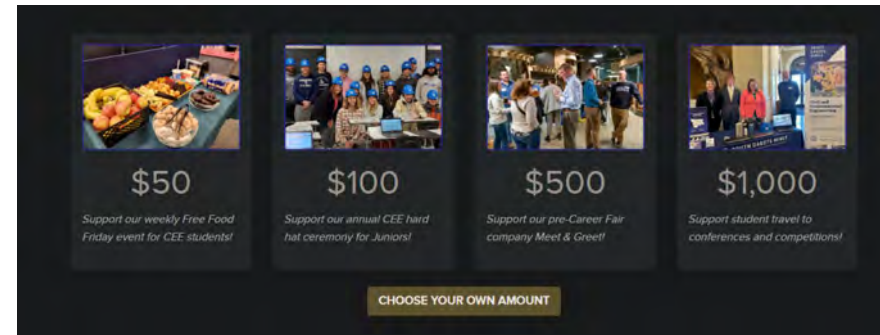
- Alumni/Industry:

- Raising for Rockers success - \$21k via 51 donors
- ViaFlex geotechnical engineering lab sponsorship, other CEE spaces pending (RESPEC,HDR, Burns & McDonnell, Nucor, SD DOT, Kiewit, KLJ)
- Goodman endowment: student space upgrades, scholarships, geomatics instrumentation
- Continued very strong demand for our graduates → career fair had 2-3x more positions than number of CEE students available



- Academic

- All CEE and CEM graduate courses offered hybrid – allowing recent graduates and working professionals to complete their MS degrees off-campus. Has been key to program growth.
- Continuing with problem-based learning and case study integration throughout CE curriculum.
- Incoming F'24 1st yr class look to be larger for both CE and AES.
- Newly approved BS AES – meteorology and environmental science specializations.
- All labs remodeled, and are showcased for prospective student visits





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Monthly Reports

Enrollment Management

- Admissions is working to promote campus visits through various communications using the Student Ambassadors.
- The free application period began will end on November 30.

Academics

- Preparations continue for the HLC visit. Our final assurance argument will be submitted in the spring with the visit occurring in April 2024.
- A new certificate in Quantum Communications, along with several new courses to support the certificate, will be up for approval at the December BOR meeting.

Student Success

- A new internal Hardrocker Success Navigate committee is working on finalizing details for a new “hand raise” feature in the platform whereby students can raise an alert on themselves. These alerts will be active for the Spring 2024 semester.
- The number of students requiring accommodations for testing has increased significantly this semester, so the Testing Center is prioritizing these students along with Accuplacer, CLEP, and FE testing.

Applications, acceptances, and registrations:

	Fall 2020	Fall 2021	Fall 2022	Fall 2023	Fall 2024
Applications	969	1,000	1,016	1,041	1,112
Acceptances	503	587	687	657	778
Registrations	N/A	N/A	N/A	N/A	N/A
Transfers (Spring)	8	6	11	10	7
Transfers (Fall)	4	0	2	2	1

Graduate Education

Football 10 All RMAC performers

1st Team -WR Ben Noland, TE Henry Dryden, & OL Connor Smith

2nd Team –QB Jayden Johanson, & OL Grant Smith

Hon. Mention – Caleb Franklin, Jaylin Frye, Taylor Hojer, Hunter Newsome, and Kalen Tischer

Volleyball 4 All RMAC performers

Ivy Vindivich – RMAC Freshman of the year 2nd Team ALL-RMAC

2nd Team ALL – RMAC Alessandra Meoni & Hannah Benes

Hon. Mention - Kiley Metzger

Athletic Ticket Sales \$48,409

Basketball

Nov. 27 @ BH – 5 & 7 pm

Dec. 8 – CO Mines 5:30 & 7:30 pm

Dec. 9 – Metro 4 & 6 pm

Wellness Center

12 October - 11 November

4777 Total Scans for the month

- Student: 4480
- Faculty: 63
- TEMP: 207
- Volunteer: 26

Equipment Check Out

- 110

Bouldering Wal

- 185

Group X

- Yoga
 - o 6 classes with 34 participants
- Strength Class
 - o 5 classes with 15 participants

Intramural Sports

Spike Ball:

Teams: 14

Players: 31

Total officials used: 14

Spike ball: 37 games played

Lazer Tag:

Teams: 10

Players: 65

Total Officials used: 21

Lazer tag: 27 games played

3v3 Basketball

Teams 14

Players 55

Officials used:12

Games Played: 48

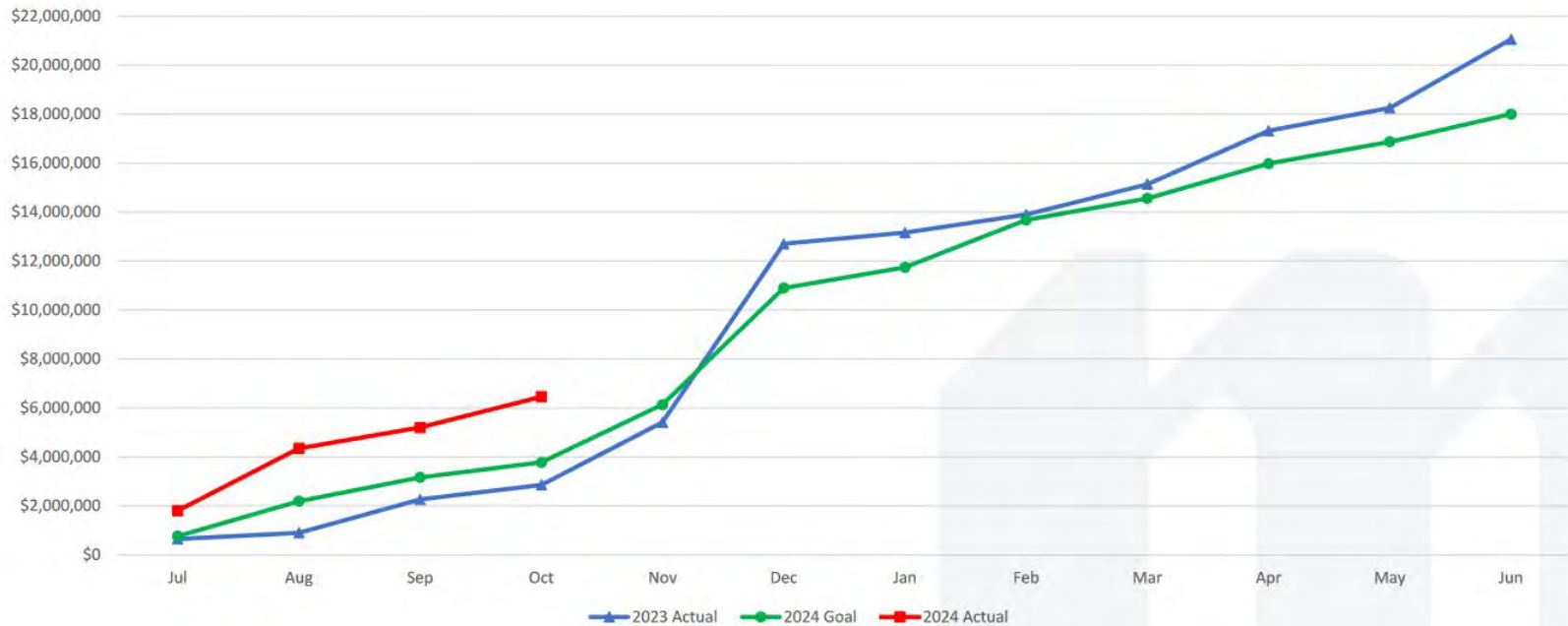
FY24 Annual Goals

Category	FY 23 Actuals	FY 24 Goals	FY 23 Actuals thru 10/31/22	FY 24 Actuals thru 10/31/23
New Gifts and Pledges:				
• Cash	\$ 9.43 M		\$ 1.72 M	\$ 1.62 M
• Stock	\$ 1.26 M		\$ 0 M	\$ 0.04 M
• Pledges	<u>\$ 10.36 M</u>		<u>\$ 1.14 M</u>	<u>\$ 4.80 M</u>
Total New Money	<u>\$ 21.05 M</u>	<u>\$18.00M</u>	<u>\$ 2.86 M</u>	<u>\$ 6.46 M</u>
• Gifts In Kind	\$ 43 K		\$ 2 K	\$ 2 K
• Estimated Heritage Society Gifts	\$ 2.89 M		\$ 0 K	\$ 0 K
• Pledge Payments	\$4.94 M		\$ 1.05 M	\$ 2.63 M

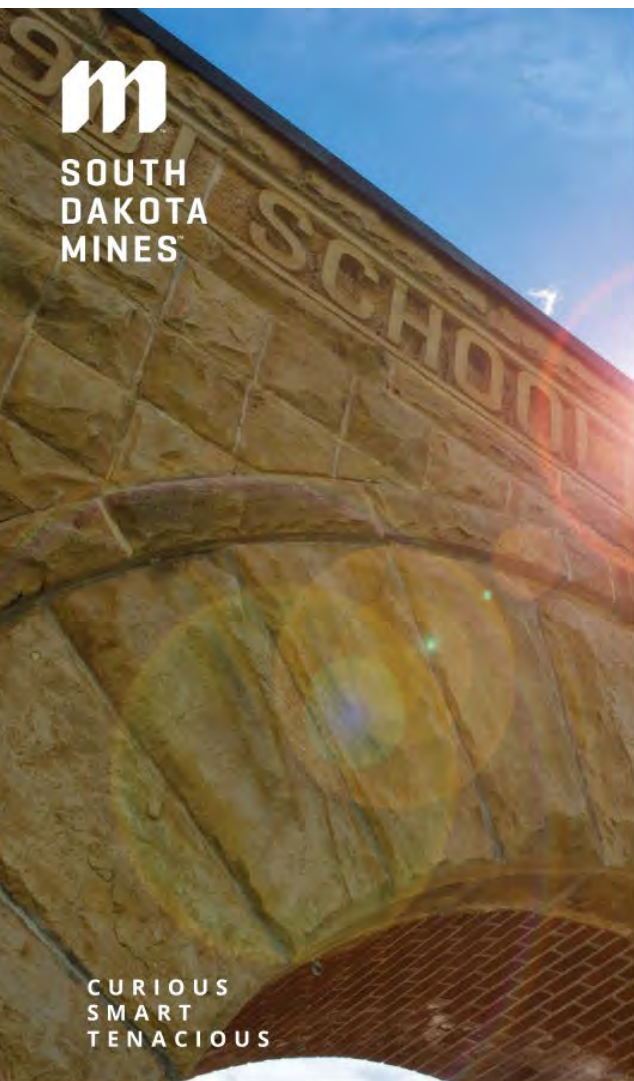
CURIOUS
SMART
TENACIOUS

Contributions

As of 10/31/23 \$6,460,365 in contributions

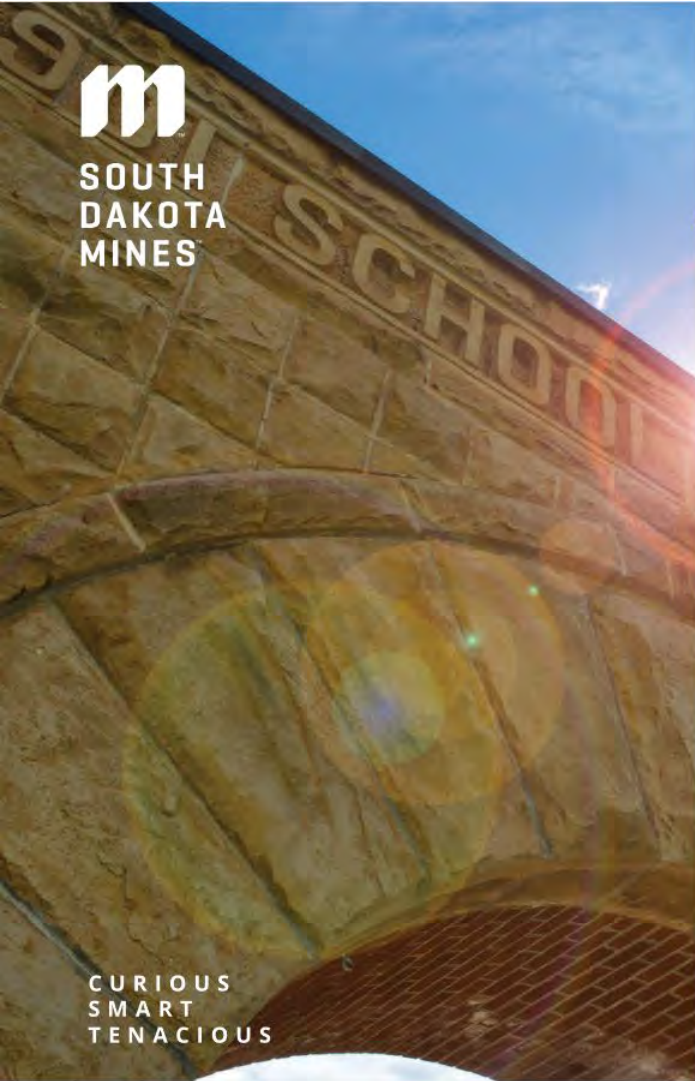


CURIOUS
SMART
TENACIOUS



FY24 Annual Financial Goals

Category	FY 23 Actuals	FY 24 Goals	FY 23 Actuals thru 10/31/22	FY 24 Actuals thru 10/31/23
Mines Advancement Fund	\$844 K	\$650 K	\$109 K	\$138 K
Corporate and Foundation Giving	\$1.02 M		\$217 K	\$3.38 M
Major Gifts	\$18.66 M		\$2.27 M	\$2.73 M



Breakdown of all gifts

Cash, Stock, and New Pledges

Area	As of 10/31/23
Scholarships	\$2,427,647
Department Support	\$879,314
Athletics	\$83,181
Faculty Support	\$0
Facilities	\$2,901,106
Mines Advancement Fund	\$138,269
CARA Endowment & Unrestricted	\$30,848
Total	\$6,460,365



FY24 Donor Goals

Category	FY 23 Actuals	FY 24 Goals	FY 23 Actual thru 10/31/22	FY 24 Actual thru 10/31/23
New Heritage Society Members	23	20	6	7
Gifts over \$10,000 (Unique Donors)	173	180	35	40
Total Donors	2,180	2,250	714	902

UPCOMING ALUMNI EVENTS

November

- Tuesday, November 14 @ 6:00 PM - Seattle Alumni Dinner
- Wednesday, November 15 @ 12:30 PM – Bremerton Alumni Lunch
- Saturday, November 25 @ 4:00 PM – Rapid City Festival of Lights Alumni Area with Grubby

December

- Friday, December 1 @ 5:30 PM – New Alumni Welcome Reception
- Thursday, December 7 @ 11:00 AM – Lunch & Learn Physics IceCube - Neutrino Telescope at the North Pole
- Thursday, December 14 @ 11:30 AM – Thirsty's Lunch
- Saturday, December 16 @ 9:00 AM – Graduation

January:

- Tuesday, January 9th @ 6:00 PM – DC Alumni Happy Hour
 - Thursday, January 11th @ 5:30 PM – Atlanta Happy Hour at Spaceman
 - Saturday, January XX @ 2:30PM – Pierre Tailgate
-

Student Events

August

- Thursday, August 17 @ 5:00 PM - Parent Wine & Cheese Reception (**163 attended**)
- Monday, August 21 @ 7:00 AM – Donuts with CARA (**gave out 300 donuts**)
- Thursday, August 24 @ 10 AM – Student Org Fair (**Handed out 200 ices**)
- Thursday, August 24 @ 6:00 PM – Mines @ Summer Night (**handed out >100 garters**)

October

- Tuesday, October 3 @ 5:00 PM – Alumni & Student Bingo (**4 alumni & 22 students**)
- Tuesday, October 24 @ 6:00 PM MT – Online Trivia Night (**48 attended**)

November

- Tuesday, November 7 @ 5:00 PM – Alumni & Student Bingo (**7 alumni & 38 students**)
- Tuesday, November 28 @ 10:00 AM – Cap & Gown

December

- Friday, December 1 @ 5:30 PM – New Alumni Welcome Reception
 - Friday, December 8 @ 4:00 PM – International Student Graduation
-

Alumni Awards

South Dakota Mines alumni are honored in three categories: March Medal, Outstanding Recent Graduate, and Distinguished Alumni. The Hardrocker Heritage Alumni Awards Gala, held during Rocker Days, is an annual event where award recipients are recognized.

The **Outstanding Recent Graduate Award** honors graduates who have achieved exemplary career progress and recognition within ten years of their graduation. The individuals selected for this award serve as excellent role models to showcase the importance of continued personal growth in a rapidly changing world.

The **Distinguished Alumni Award** recognizes alumni who make outstanding contributions to their careers, their communities, and to Mines.

The **Guy E. March Medal** may be presented to a Mines graduate in recognition of the individual's positive interaction with students, the university and the alumni of South Dakota Mines. Graduates who receive the March Medal exemplify the caring spirit of Dr. Guy March.

The deadline for nomination is January 31st, 2024

Traditions of Excellence Awardees

- October – Sofia Collinge
- Nominations being accepted for November

CSA Meetings

- Feb. 15/22

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*

Items from November Faculty Senate Meeting:

- Peer Review of Teaching Subcommittee – draft guidelines developed
- Inclement Weather Policy – draft guidelines developed
- All-Faculty Meeting scheduled for December 5th at 4:00 PM
 - Will discuss PRT and Inclement Weather guidelines
 - Will include Ombudsperson Dr. Larry Stetler in discussion
- Approved fall graduates list (graduate students)
- Approved November UCC items
- Parking inquiry

Risk Update

Active Threat Training

- Attendance for first two session – 38 and 46, respectively
- Tuesday, 11/21 – 5pm–6pm – CBEC2228

EHS Training Attendance

- HazCom - 342
- BioSafety – 47
- Hazardous Waste - 48

State Risk Audit

- Report received. Will be distributing to areas for corrections.

Night Safety Walk Update

- All lighting issues are in a work order, reported to BHE, or have already been fixed. Non-lighting issues are also in the process of being addressed.

Facilities Update

State Project Update

- **Campus-Wide Energy Project** – 95% Complete
- **Nucor Mineral Industries Building** – Substantial Completion – October 2024
- **ARPA Funded Stormwater & Utility Project** – Bid Date – November 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** – Selection of Architect
- **Old Mineral Industries Asbestos Abatement** – Contract for Design
- **Old Mineral Industries Tunnel Reroute** – Contract for Design

Starting up FY24 University Budget Committee on Dec 5

- **Committee Charter/Purpose:**

- The University Budget Committee (UBC) serves as a conduit of information, for the Mines Community, regarding all SD Mines budget presentations, procedures, processes, and decisions. Additionally, the UBC will provide informal advice and counsel to the University Budget decision makers at Mines. The goal is to provide an avenue of improved discourse between the Mines community and the faculty, staff and executive leadership making budget decisions for the University. .

- **Committee Structure/Composition and Term:**

- The UBC will consists of members of every major staff, student, and faculty category and be organized and managed by the Finance and Administration staff. The UBC will be led by the Provost and Vice President for Finance and Administration.

Members	Term
• Co-Chair – Dr Lance Roberts	Indefinite
• Co-Chair – Dr Bill Spindle	Indefinite
• Academic Department Head – Dr Jeff Woldstad	2 years
• Staff Department Head – Ann Brentlinger	2 years
• President’s Representative: Dr Jade Herman	Indefinite
• Faculty Member – Dr Ivy Allard	2 years
• NFE Staff – Michelle Lineweber	2 years
• CSA Staff – Brad O’Brien	2 years
• Student Association CFO – Abigail Van Ruler	1 year
• NFE Council President – Chris Roman	1 year
• CSA Council President – Angela Mettler	1 year
• Faculty Senate President – Dr Kurt Katzenstein	3 year

- **Finance and Administration Staff: Deb Rowse, Cassie Furchner, Abbi Winter, and Jerilyn Roberts**

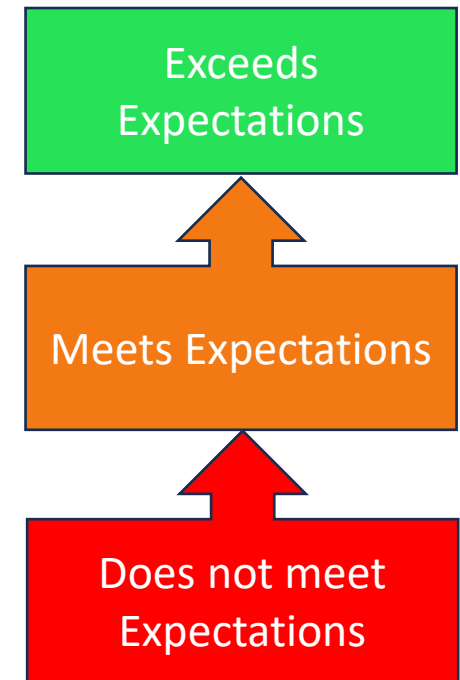
- **Committee Meeting Schedule:**

- Meetings will be held monthly starting in December of each year. Additional ad hoc meetings may be called by the Chairs as needed.

- **SOURCE:** Office of the Vice President for Finance and Administration, December 2022

NFE and CSA Performance Evaluation Processes

	Step	Open Date	Due Date
1	Supervisor Creates Plan	11/06/2023	12/15/2023
2	Employee Acknowledges Plan	11/06/2023	12/20/2023
3	Supervisor Evaluation	11/06/2023	01/16/2024
4	Second Level Supervisor Approval	11/06/2023	01/22/2024
5	HR Reviews	11/06/2023	01/25/2024
6	Supervisor/Employee Meet	11/06/2023	02/15/2024
7	Employee Acknowledges Evaluation	11/06/2023	03/01/2024





Upcoming Holiday & Administrative Leave Days

November						
2023						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
19	20	21	22	23 HOLIDAY	24 ADMINISTRATIVE LEAVE	25

December						
2023						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
24	25 HOLIDAY	26 ADMINISTRATIVE LEAVE	27	28	29	30



- **Software Development**

- Looking at Ellucian Experience to create the intranet for campus

- **Networking & Security**

- Migrated login policies for global admins for MFA
- Installed and configured Veeam backup for immutable backups for most of our data center
- Working with facilities to find swing space for Athletics when their building is off-line
- Replaced campus cam up on the hill behind the stadium that was taken out by lightening
- Working with campus safety on a new display for security cameras around campus

- **Helpdesk/Classroom Support**

- Dane Finnesand moved to the Library to become the Information Support Manager
- Jesse Browder will be taking over the classroom support role for the campus

Website Redesign Project

- Design phase complete
- Technical buildout starts early December
- Many content updates will be made to current site for easy migration to new site
- Webpages will be locked down as updates progress – departments will be informed prior to this happening
- Many PDFs will need to be updated to meet accessibility guidelines – watch for instructions coming soon
- Intranet/portal planning happening now

Recruitment Ad Campaigns

20 ad campaigns (14 are program specific)

Goal: increase brand awareness, visits and inquiries

Undergrad

July-Oct	FY20	FY21	FY22	FY23	FY24
Visits Scheduled	519	448	568	498	499
Info Requests	340	359	314	374	304

Grad

July - Oct	FY20	FY21	FY22	FY23	FY24
Info Requests	66	53	73	95	103

Marketing & Communications

Social Media:

- Total Impressions: 463,101
- Total Engagements: 29,385
- Total Post Link Clicks: 6,840
- Video Views: 35,595
- Monthly Engagement Rate: 6.3%
- Total Audiences across all platforms grew 1.3% with Facebook leading the growth

Top Social Media Post

Fresh air, fresh plaques, fresh M. Our students helped install new plaques on M-Hill. Go check it out before the snow...



E-News open rates:

President's Letter: 54%

The Forefront: 34%

Monthly@Mines: 36%

Traditional Media:

POET Bioproducts Center officially opens with ribbon-cutting ceremony



POET Bioproducts Center Celebrates Grand Opening In South Dakota

OCTOBER 12, 2023 BY POET

On Oct. 11, POET, the world's largest producer of biofuels and a leader in bioproducts, South Dakota State University, and South Dakota Mines celebrated the grand opening of the POET Bioproducts Center.

Through the support of POET, the state of South Dakota, and other members of the Bio Leadership Coalition, the POET Bioproducts Center was constructed at the Research Park at SDSU. The first-of-its-kind innovative ecosystem between students, faculty, and industry partners will allow collaboration on the next generation of bioproducts. The facility and its operating body, Dakota BioWorx, represent a public-private partnership that will enhance research, economic development, and workforce preparation in South Dakota.



SOURCE: Poet

- NFE of the Month - September
 - Alyssa Gizinski – Admissions Counselor
- Events –
 - November: Friendsgiving Potluck – November 17
 - December: Holiday Social – December 8

Office Updates:

- Visitors from Montana Tech will be on campus Nov. 29-30
- Board of Regents conducting financial stress test at all state universities – initial meetings have occurred
- Marketing & Communications Consultant - Seeworthy Studio
 - Ann Brentlinger moving into new role: director of Office of Industry & Community Engagement
 - M&C team reporting to Dr. Herman during transition

President's Upcoming Travel:

- Dec 13-14 BOR Mtg @ SDSU
- Feb. 25-28 SME Conference in Phoenix

Upcoming Events:

- **Dec. 1** **Faculty & Staff Holiday Social**
- **Dec. 2 & 3** **Holiday Concerts at Cathedral**
- **Dec. 16** **Fall Commencement**
- **Jan. 29** **Mines Day @ The Capitol**
- **Feb. 13-14** **President's Leadership Academy**
Lorin and Mary Brass, plus Worldview Intelligence
- **March 20** **President's Leadership Academy**
Drew Dudley, Day One Leadership
- **April 12** **President's Scholarship Dinner, Sioux Falls**

Updates

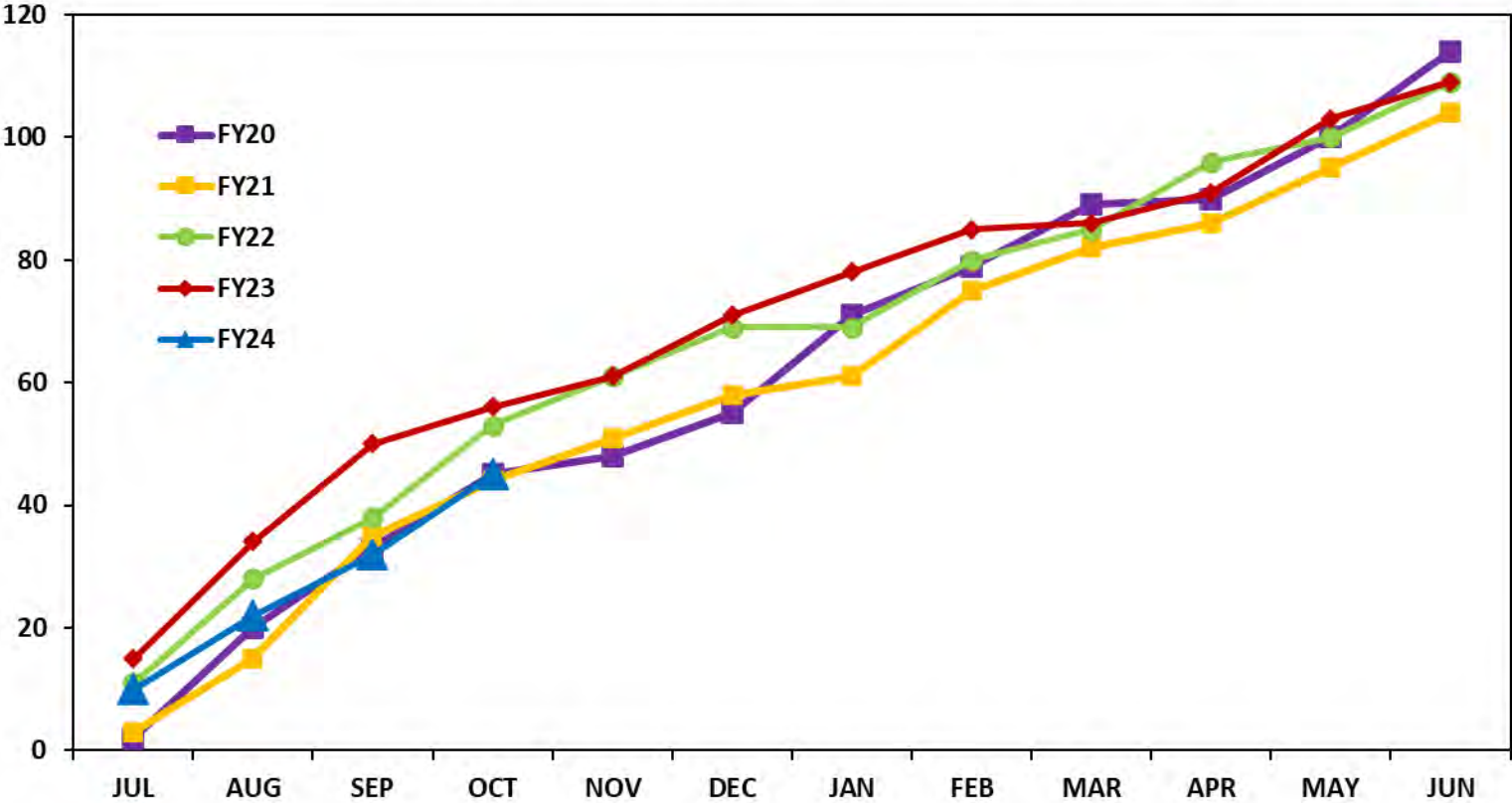
- **New Funding**

- PT Tukkaraja: Mine Safety Training (MSHA)
- Bret Lingwall et al.: Student Fellowships (Viaflex)
- Tao Ye: Control of Iodinated Disinfection Byproducts in Drinking Water (NSF)
- Christer Karlsson: Software for Dynamic Imaging and Radiography (DOE)
- Lisa Kunza: Surface Water Quality/Quantity SD (DOI/BLM)
- Liangping Li: BLM Internships (DOI/BLM)
- Laurie Anderson et al: Museum Mineral Collections (IMLS)
- Lisa Kunza: Bentonite Reclamation (DIO/BLM)
- Alevtina Smirnova et al: XPS MRI (NSF)
- Liangping LI: Env. Monitoring and Water-Quality Belle Eldrige Mine Site (DOI/BLM)

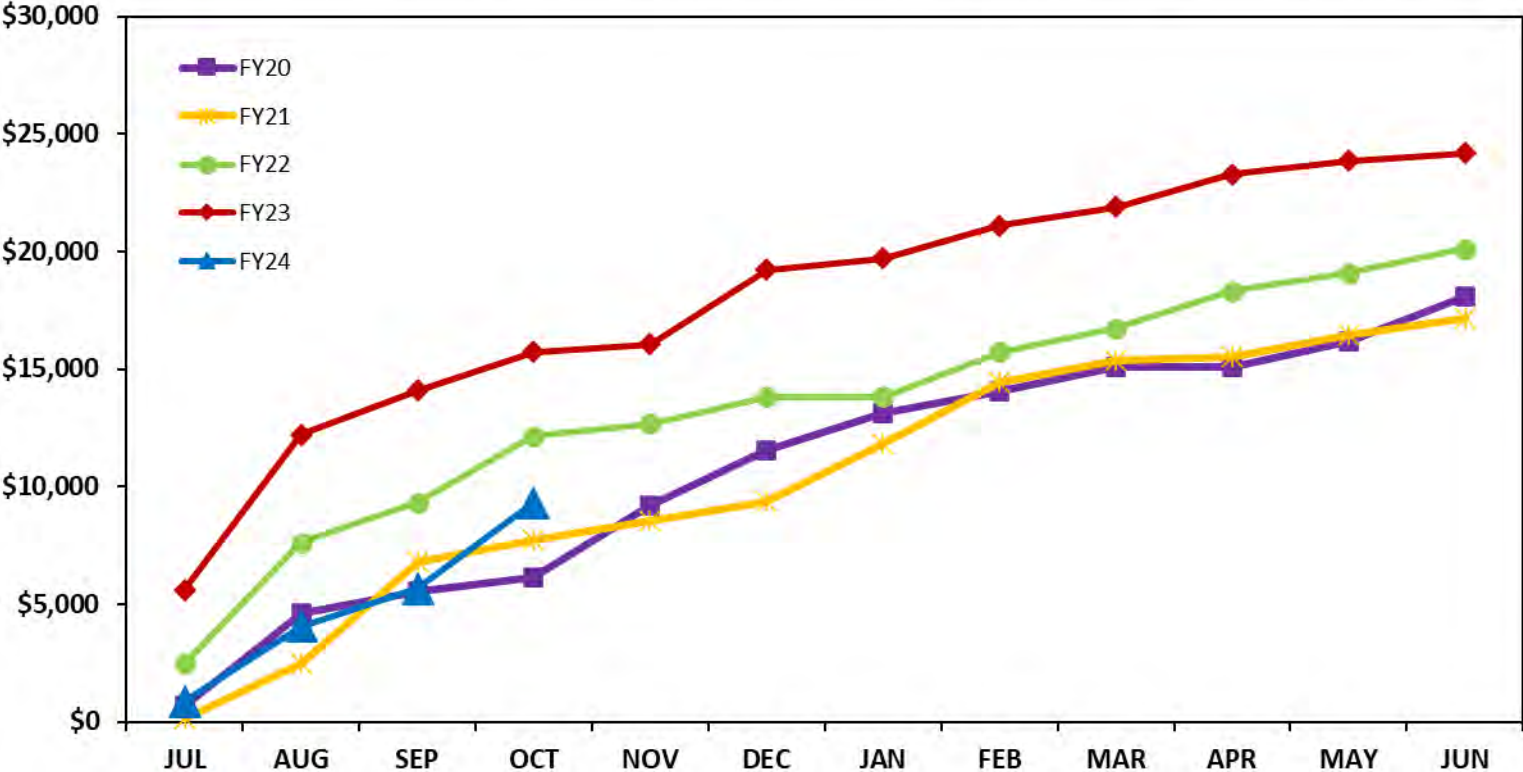
- **Events**

- MT Tech Executive Leadership visit Nov 29-30
- SDSU HPC Group Visiting Dec 5

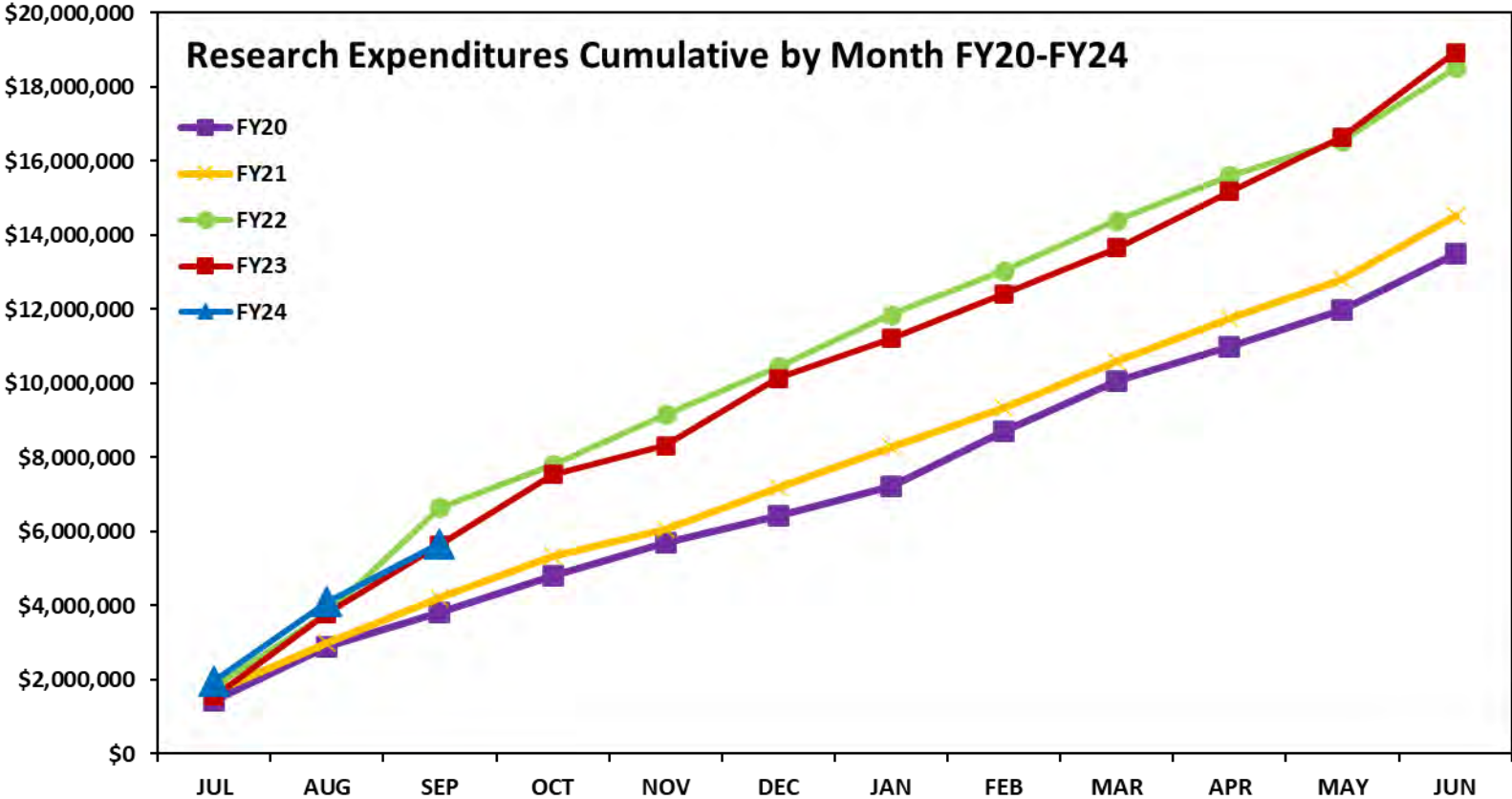
Cumulative Number of Awards by Month FY20-FY24

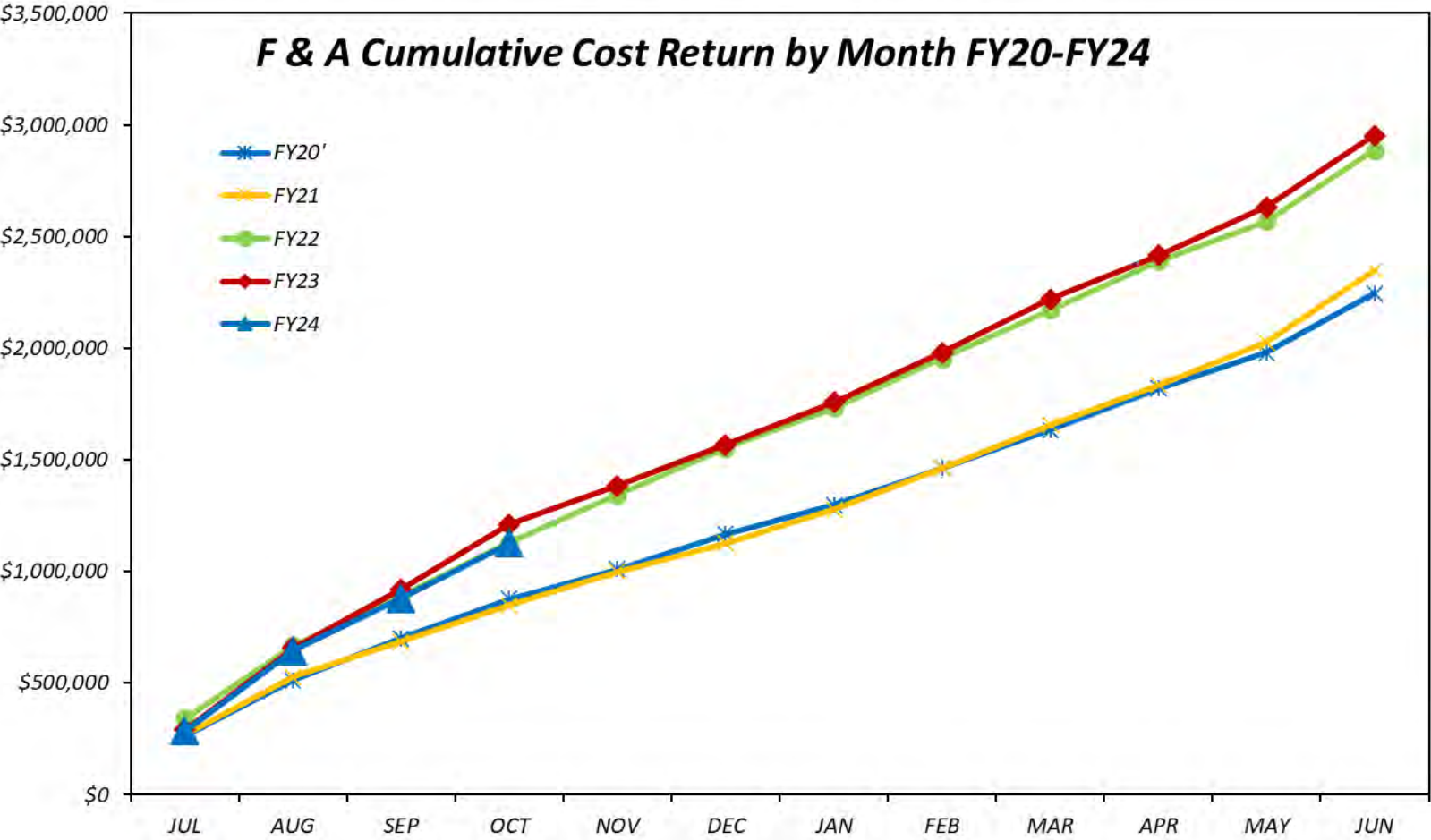


Cumulative Value of Awards (\$ K) by Month FY20-FY24



Research Affairs





Student Association



Student Development

Updates

- Successful Halloween Costume Contest and Thanksgiving Potluck
- Caleb Leppert from Campus Ministries (InterVarsity) Leaving in December
- Three Interns Graduating in December
 - Madi Fuegen
 - Cooper Timm
 - Terry Irvine
- Partnering with Lost & Found to Conduct a Campus Resiliency Index and Complete a Student Death Postvention Guide
- Gavin Tucker (BME) Awarded Brass Life Scholarship



Upcoming Events

- 11/27- Homeownership & Renting- PDP
- 11/29- Free Hugs Event
- 11/29- Access & Accommodations- PDP
- 12/5- Basic Food Safety- PDP
- 12/14- Black Hills Talks