CAREER CENTER ANNUAL REPORT





2023-2024





COLORADO SCHOOL OF





As Mines reaches its 150th year, we reflect on the accomplishments of the past, embrace traditions of excellence, and look to the future with anticipation of the innovation to come. The Mines community exemplifies that together, we rise to challenges with the limitless possibilities of resources and talent to collectively impact problems on earth and beyond. With Mines graduates ready to face the world, we have confidence in the hope of a better future.







¹Included in "positive outcomes" numbers are BS, MS, PhD graduates committed to their first destination: jobs in industry, government, military, international students returning to their home countries, and those going to graduate school. Data is collected for 6 months following the academic year (November).

² Best Public Colleges | Payscale (2024) www.mines.edu/about/rankings

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1,610 Organizations Recruited and Hired at Mines

> 570 Students and Recent Graduates Used Career Services an Average of 3 Times

RIGOROUS & SUPPORTIVE

"I came to Mines thanks to the incredibly generous Harvey Scholarship. However, I stayed at Mines because of the rigorous education, supportive faculty members, collaborative student culture, strong industry reputation, friends found within/outside extracurriculars, and an incredible location at the foothills of the Rocky Mountains. I mostly enjoyed how I was able to make a difference on campus through the organizations I was a part of! Being a part of the Harvey Scholarship was my favorite memory. That community contains some of the most driven, kind, and inspiring human beings that I will probably meet in my lifetime. I was able to serve on the board for 3 out of my 5 years at Mines which allowed me to dive deeper into the community and its pillars."

STUDENT PROFILE

Name: Kayla Benson

Degrees:

BS Environmental Engineering, Minor in Public Affairs 2023, MS Natural Resources and Energy Policy 2024

Current role:

Assistant Environmental Engineer, Burns & McDonnell

Internships: CORE Consultants, Burns & McDonnell

Hometown: Evergreen Park, IL



GRADUATING STUDENT OUTCOMES

The Class of 2024 marks 150 years of students completing the distinctive Mines education and experience. They enter the workforce prepared with technical prowess, business acumen and professional skills that will propel their career achievements. Most importantly, they are part of the larger Mines alumni community, dedicated to supporting one another and collectively solving the world's greatest challenges.

Accepted Positions

in Colorado¹



The First Destination Survey collects information from Mines graduates about their postgraduation plans. The survey follows collection and reporting guidelines provided by the National Association of Colleges and Employers (NACE), and collects additional information identified as relevant and specific to Mines. Graduates are invited to complete the survey the semester they graduate through six months following the May graduating class, and the survey encompasses August, December and May graduates of all degree levels. The electronic survey instrument is voluntary but strongly encouraged. The Career Center manages a standardized data collection process and reporting timeline to ensure consistency year-to-year and aligns with Mines Institutional Research to manage collected data and ensure accuracy of student information utilizing additional sources such as institutional enrollment data.

"Positive outcomes" are defined by NACE as graduates committed to their first destination post-graduation including jobs in industry, government, military, service, those going to graduate or professional school, as well as international students returning to their home countries. Non-responsive or self-reported "not looking" graduates are removed from reported data.

Salary statistics are coded N/A when there is not enough information to report an average. Data collected from these graduates is still incorporated into overall calculations and aggregated salary data reporting. In alignment with NACE guidance, salary data is not collected when graduates are pursuing pathways other than full-time employment and/or respondents did not voluntarily report salary data. Salaries listed are self-reported annual base salaries —not including bonuses or other forms of compensation—for accepted full-time employment offers in industry only, excluding positive outcomes of graduate school, military, service, and international.



Continued to Advanced



UNDERGRADUATE OUTCOMES

Positive Bachelors

Outcomes

The following includes data for undergraduate students who graduated August 2023, December 2023 and May 2024. The Mines Career Center is pleased to provide outreach and support to all students both prior to graduation and for two years following graduation.

JOBS ACCEPTED BY LOCATION



TOTAL BS GRADUATES

1200

1150

1100

1050

1000

UNDERGRADUATE OUTCOMES BY MAJOR¹

DEPARTMENT	AVERAGE SALARY ²	POSITIVE OUTCOMES	PERCENTAGE PURSUING Grad School ³	GRADUATES ⁴
Applied Mathematics & Statistics	\$74,300	83%	53%	40
Biochemistry	\$45,200	91%	38%	13
Business Engineering & Management Science	\$82,500	100%	33%	9
Ceramic Engineering	\$75,000	86%	57%	7
Chemical Engineering	\$80,700	91%	19%	112
Chemistry	\$71,300	89%	44%	9
Civil Engineering	\$74,900	100%	30%	71
Computer Science	\$90,400	87%	26%	272
Design Engineering	\$86,500	100%	50%	8
Economics	\$72,500	100%	50%	4
Electrical Engineering	\$86,800	90%	26%	87
Engineering Physics	\$78,000	91%	46%	71
Environmental Engineering	\$69,800	88%	19%	37
Geological Engineering	\$72,700	100%	29%	34
Geophysical Engineering	N/A	89%	10%	10
Mechanical Engineering	\$81,700	94%	25%	302
Metallurgical & Materials Engineering	\$75,200	97%	33%	36
Mining Engineering	\$79,500	100%	13%	23
Petroleum Engineering	\$92,300	100%	18%	28
Quantitative Biosciences & Engineering	\$70,400	94%	46%	39
Undergraduate Overall	\$81,400	92%	31%	1,202

¹See Page 5 for Report Methodology.

² Average Salaries are voluntarily self-reported when graduates accepted full-time positions in industry.

³These percentages are incorporated into overall positive outcome data.

⁴ Represents distinct count of graduates factoring out double majors and degrees.

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UNDERGRADUATE OUTCOMES

JOBS ACCEPTED BY INDUSTRY



UPDATE FOR UNDERGRADUATE CLASS OF 2022-2023

The Career Center tracks employment attainment for graduates from the prior year and provides services for up to two years post-graduation. Post-graduation positive outcomes include:

- Graduates who have accepted positions in areas of industry, government, or military
- Those who have chosen continued education as their next step
- International students who have returned to their home countries

GRADUATION YEAR	ORIGINAL POSITIVE OUTCOMES	UPDATED POSITIVE OUTCOMES
2022-2023	94%	97%
2021-2022	92%	95%
2020-2021	92%	95%
2019-2020	95%	98%
2018-2019	94%	98%

OREDIGGERS ARE PURSUING CONTINUED **EDUCATION AT THESE GRADUATE SCHOOLS**

Brown University Carnegie Mellon University Colorado Christian University Colorado School of Mines Colorado State University

Cornell University Dartmouth College Duke University Georgia Institute of Technology Harvard University

Icahn School of Medicine at Mount Sinai Indiana University-Bloomington Massachusetts Institute of Technology **Missouri University of Science** and Technology North Carolina State University Northwestern University Santa Clara University Stanford University Texas A & M University

The Master's University and Seminary The Pennsylvania State University **Tulane University** University of California-Berkeley University of California-Irvine University of Colorado Boulder University of Colorado Denver/Anschutz **Medical Campus** University of Denver University of Maryland

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BS Graduates That Pursued Graduate Studies Did So at Mines

- University of Miami University of Michigan University of New Mexico University of Oregon University of Pittsburgh University of Southern California University of Texas
- University of Utah University of Washington University of Wisconsin Vanderbilt University Washington State University Washington University

UNDERGRADUATE EXPERIENTIAL LEARNING

INTERNSHIP AND TECHNICAL EXPERIENCE FOR 2023-2024 GRADUATES

Mines is dedicated to the practice of hands-on learning and real-world experiences that prepare students to contribute immediately upon entry into the workforce. Students explore a variety of experiential learning settings through research, cooperative education, and internships. These opportunities provide professional development and hands-on experience to complement their Mines education.

885 undergraduate students graduated with documented, relevant technical work or research experience across 45 states and 7 countries.

Bachelors Students Graduated With Technical Work Experience

19(Partnering **Organizations**

UNDERGRADUATE TECHNICAL EXPERIENCE BY LOCATION¹



SUMMER 2024 INTERNSHIP EXPERIENCES

Students reported exciting internship opportunities for the Summer of 2024. Internships have a strong correlation to future full-time opportunities. The Career Center staff worked proactively with employers and students to connect these opportunities with qualified applicants. This resulted in over 507 student internships voluntarily reported.

Average hourly salaries reported ranged from \$15 per hour to \$62.50 per hour with an average of \$25 per hour. More details can be found at mines.edu/careers.





ADVICE FROM A GRADUATE

- "Ask for help when you need it and help others when you can."
- "Take time, even a couple of minutes, away from your studies to enjoy life in the beautiful city of Golden by getting your favorite coffee or taking a quick walk to avoid the burn out."
- "Enjoy being part of a community of learners, and get involved with your major's department, clubs, sports or other groups."

FULFILLMENT

"A notable moment was during a Grewcock Scholars trip to D.C. during which we met with members of the Chamber of Commerce. During that meeting, one of the leaders said something that has stuck with me ever since: 'You will find career fulfillment so long as you work for a problem and not for a particular person or organization.'"



STUDENT PROFILE

Name: Kendall Helbig

Degree: BS Mining Engineering, 2024

Current role: Management Trainee, Rogers Group

Internships: Vulcan Materials, Brannan Companies

Hometown: Littleton, CO

STUDENT PROFILE

Name: Fischer Argosino

Degrees: BS Mechanical Engineering, Minor in Public Affairs, 2024

Current role:

Pursuing a Masters degree in the Technology and Policy Program at the Massachusetts Institute of Technology (MIT)

Internships: Prosono, Kiewit/TIC, Solar Turbines

Hometown: Parker, CO





MASTERS OUTCOMES

The following includes data for masters-level students who graduated August 2023, December 2023 and May 2024. The Mines Career Center is pleased to provide outreach and support to all students both prior to graduation and for two years following graduation.

JOBS ACCEPTED BY LOCATION

Masters Graduates¹ **MS Grads Accepted Jobs** in Colorado 3 169 8 Masters Graduates Accepted Positions Internationally





¹Includes Graduate Certificates, Master of Engineering, Master of Science and Professional Masters

MS OUTCOMES BY MAJOR¹

DEPARTMENT	AVERAGE SALARY ²	POSITIVE OUTCOMES	PERCENTAGE PURSUING GRAD SCHOOL ³	GRADUATES⁴
Additive Manufacturing	\$85,000	90%	0%	11
Advanced Energy Systems	\$89,800	95%	5%	21
Applied Mathematics & Statistics	N/A	100%	29%	7
Applied Physics	N/A	86%	43%	7
Chemical Engineering	\$88,200	93%	17%	29
Chemistry	N/A	100%	25%	4
Civil & Environmental Engineering	\$75,900	100%	7%	28
Computer Science	\$98,900	87%	10%	72
Data Science	\$99,400	89%	10%	21
Electrical Engineering	\$107,200	100%	8%	12
Engineering & Technology Management	\$85,300	92%	2%	53
Environmental Engineering Science	\$78,000	80%	40%	5
Geological Engineering	\$83,500	100%	0%	6
Geology	\$99,700	100%	19%	27
Geophysical Engineering	\$115,000	100%	0%	3
Geophysics	\$100,800	92%	23%	13
GIS & Geoinformatics	\$66,000	100%	17%	6
Humanitarian Engineering & Science	N/A	83%	0%	8
Hydrology	\$74,500	100%	20%	10
Materials Science	N/A	88%	0%	10
Mechanical Engineering	\$84,200	89%	17%	64
Metallurgical & Materials Engineering	\$90,300	100%	33%	9
Mineral & Energy Economics	\$100,500	100%	17%	24
Mining & Earth Systems Engineering	\$90,000	100%	8%	12
Natural Resources & Energy Policy	\$77,800	100%	22%	9
Petroleum Engineering	\$121,000	100%	0%	3
Quantitative Biosciences & Engineering	N/A	56%	0%	10
Quantum Engineering	\$132,000	80%	40%	10
Robotics	N/A	71%	0%	10
Space Resources	\$119,600	96%	12%	25
STEM Education	\$57,000	100%	17%	6
MS Overall	\$91,700	92%	14%	536

¹See Page 5 for Report Methodology.

² Average Salaries are voluntarily self-reported when graduates accepted full-time positions in industry.

³These percentages are incorporated into overall positive outcome data.

⁴Represents distinct count of graduates factoring out double majors and degrees.



MASTERS OUTCOMES

JOBS ACCEPTED BY INDUSTRY



OTHER OUTCOMES¹

DEGREE	POSITIVE OUTCOMES	GRADUATES
Graduate Certificate	97%	83
Master of Engineering	100%	4
Professional Masters	93%	14

UPDATE FOR MS CLASS OF 2023-2024

The Career Center tracks employment attainment for graduates from the prior year and provides services for up to two years post-graduation. Post-graduation positive outcomes include:

- Graduates who have accepted positions in areas of industry, government, or military
- Those who have chosen continued education as their next step
- International students who have returned to their home countries

GRADUATION YEAR	ORIGINAL POSITIVE OUTCOMES	UPDATED POSITIVE OUTCOMES
2022-2023	97%	98%
2021-2022	92%	95%
2020-2021	92%	94%
2019-2020	96%	98%
2018-2019	97%	100%

MINES MASTERS GRADUATES ARE PURSUING ADVANCED EDUCATION AT THE FOLLOWING

California Institute of Technology

Colorado School of Mines

Marietta College Northwestern University SUNY College of Environmental Science and Forestry Tabor College

Masters Graduates That Pursued Advanced Education Did So at Mines



Positive Outcomes for MS Graduates **One Year Post-Graduation**

Texas Tech University The Pennsylvania State University University of California-Davis University of Chicago University of Colorado Boulder University of Utah Virginia Polytechnic Institute

PhD OUTCOMES

The following includes data for PhD students who graduated August 2023, December 2023 and May 2024. The Mines Career Center is pleased to provide outreach and support to all students both prior to graduation and for two years following graduation.



"I have been to over 40 campuses in my career, and your students were the best prepared with company research, understanding of what they are looking for and introductions that I can remember!"

— Naval Nuclear Laboratory

"Colorado School of Mines has a really good program for the students. They fit nicely into the Chevron culture because of the team-oriented approach to the way they teach. The students that graduate from here; they're very sharp. They know how to solve problems. They know how to research. You don't have to spoon feed a lot of information to them. You can give them a problem and they'll go research it." — Chevron

PhD OUTCOMES BY MAJOR¹

DEPARTMENT	AVERAGE SALARY ²	POSITIVE OUTCOMES	GRADUATES ³
Advanced Energy Systems	\$115,200	100%	8
Applied Chemistry	\$72,100	89%	10
Applied Mathematics & Statistics	\$91,000	80%	5
Applied Physics	\$122,000	100%	7
Chemical Engineering	\$89,900	100%	9
Civil & Environmental Engineering	\$71,100	100%	6
Computer Science	N/A	100%	8
Electrical Engineering	N/A	100%	2
Geology	N/A	100%	5
Geophysics	\$140,000	100%	3
Hydrology	\$81,500	100%	2
Materials Science	\$82,000	100%	12
Mechanical Engineering	\$101,000	100%	13
Metallurgical & Materials Engineering	\$118,100	100%	5
Mining	\$100,700	100%	8
Petroleum Engineering	N/A	100%	3
PhD Overall	\$100,100	97%	124

¹See Page 5 for Report Methodology.

²Average Salaries are voluntarily self-reported when graduates accepted full-time positions in industry.

³Represents distinct count of graduates factoring out double majors and degrees.

JOBS ACCEPTED BY LOCATION





PhD OUTCOMES

JOBS ACCEPTED BY INDUSTRY





STUDENT PROFILE

Name: Kejun Chen

Degree: PhD Chemical Engineering, 2023

Current role: First Solar, Development Engineer

Hometown: Qingdao, China

UPDATE FOR PhD CLASS OF 2022-2023

The Career Center tracks employment attainment for graduates from the prior year and provides services for up to two years post-graduation. Post-graduation positive outcomes include:

- Graduates who have accepted positions in areas of industry, government, or military
- Those who have chosen continued education as their next step
- International students who have returned to their home countries

GRADUATION YEAR	ORIGINAL POSITIVE OUTCOMES	UPDATED POSITIVE OUTCOMES
2022-2023	98%	98%
2021-2022	98%	98%
2020-2021	96%	98%
2019-2020	99%	100%
2018-2019	100%	100%

WELL-PREPARED

"I work in the solar photovoltaic field, and due to its niche application in the United States, it is not easy to find a job that directly applies what I learned during my PhD. I attended both the Mines career fair and various industry conferences to network with potential employers. Ultimately, I secured a research and development engineer position in my field upon graduation. After about a year of working in the industry, I can truly appreciate how well Mines prepared me, both in terms of academic knowledge and practical skillsets, such as teamwork, communication, and problem-solving."



Positive Outcomes for PhD Graduates One Year Post-Graduation

HELPING EMPLOYERS RECRUIT A DIVERSE WORKFORCE

The Mines Career Center is dedicated to diversity and inclusion work on campus to meet the needs of students representing various identities, backgrounds and experiences, along with employers seeking to recruit a diverse workforce.

The following list overviews activities the Mines Career Center led or participated in to advance accessible and inclusive opportunities for students, often in partnership with industry:

- Held regular drop-in hours at the Multicultural Engineering Program (MEP) office to create a welcoming environment for students to utilize career services and gain professional development skills.
- Presented several workshops in collaboration with various Multicultural Engineering Program (MEP) student organizations, such as the American Indian Science and Engineering Society (AISES), National Society of Black Engineers (NSBE) and the MEP Student Organization Leaders.
- Hosted an International Student-focused Career Day Success workshop to help students prepare for Career Days and build confidence in having work authorization conversations with recruiters.
- Collaborated with the International Student and Scholar Services (ISSS) office to prepare and share a one-page document with employer partners for hiring international students on Optional Practical Training (OPT).

- Organized a Neurodiversity Panel for students, faculty, and staff during the Celebration of DEIA, bringing in working professionals across varying industries and backgrounds to speak to supporting neurodiverse individuals in the workplace.
- Provided workshops tailored to women's organizations on campus, including an American Association of University Women (AAUW) salary negotiation workshop for the Women Graduate Students (WGS), and an elevator pitch workshop for the Society of Women Engineers (SWE), reaching approximately 150 students.
- Awarded a Diversity, Equity and Inclusion (DEI) Fellowship for advancing salary negotiation programs across campus to address the gender pay gap.
- Conducted a resume and interviewing workshop for the Mines Veteran Alliance at the Veterans Resource Center.

PROGRAM HIGHLIGHT

In partnership with the Multicultural Engineering Program, the Career Center piloted the JC Penney Suit Up event, a new initiative that provides discounted professional clothing to all Mines students. Students could choose from a variety of professional clothing and accessories both before and after Career Days. The goal of the program was to offer more affordable and accessible professional clothing options to all Mines students, allowing for greater access, affordability and choice in professional clothing for students in preparation for professional events. The inaugural event served 60 participating students. The program won the Student Life DEI&A Champion Award.





The Career Center sponsors Interstride: an online career search tool for international students to identify job opportunities in their fields and information on immigration resources. Interstride empowers international students through real time job and internship postings from employers that focus on hiring international students, networking and mentorship, tailored resources, visa and immigration support and webinars. Hiring international students benefits employers through increased cultural competency and diversity of ideas, language and intercultural communication skills, and the global perspectives needed to participate in a global market. Interstride also provides information and resources for domestic students interested in living and working abroad.

THE MINES STRATEGIC PLAN FOR DIVERSITY, EQUITY, INCLUSION AND ACCESS

At Colorado School of Mines, we believe that a diverse and inclusive campus environment inspires creativity and innovation, which are essential to the engineering process. We also know that in order to address current and emerging national and global challenges, it is important to learn with and from people who have different backgrounds, perspectives and experiences. As Colorado School of Mines looks beyond our 150th anniversary in 2024, we continuously prepare for the dynamic change around us. We must navigate an increasingly competitive higher education landscape, respond to the changing education and innovation needs of industry and society, and avoid complacency with past and current accomplishments. As such, the Mines community aims to:

- Attract, retain and graduate
 a thriving and diverse student body
- Attract, retain, develop and promote a thriving and diverse employee community

Cultivate a campus culture that promotes and celebrates inclusion and achievement

Inspire a shared responsibility, participation and accountability for Diversity, Equity, Inclusion and Access efforts across the entire Mines community

CLOSE-KNIT

HANDS-ON



STUDENT PROFILE

Name: Maddy Hoffman

Degree:

BS Engineering Physics, Minor in Economics, 2025, Enrolled in 4+1 program in Materials Science

Internship: Idaho National Laboratory (INL)

Hometown: Redmond, WA "I chose to come to Mines because I had seen first-hand how good the education was-although rigorous, almost every class I took was memorable, hands-on, and well taught. Hands-on learning was an enormous factor for me, and Mines was able to provide just that."

STUDENT PROFILE

Name: **Oliver Noyes**

Degrees: BS Mechanical Engineering, 2024

Current role: Entegris, Mechanical Design Engineer

Internships: Aquionix, Milwaukee Tool

Hometown: Bozeman, MT





RECRUITING AT MINES





Bachelors Students Graduated With Technical Work Experience



The 2023-2024 academic year saw significant activity and connections between employers and students. On campus interviews increased by 11% from the previous year with an additional 168 interviews being held. Further, there was a 15% increase in the number of companies that hosted information sessions. Student attendance at information sessions increased by 6%. An additional 139 companies recruited on-campus from the previous year.

SIGNATURE CAREER EVENTS

CAREER DAYS

The Career Center hosted two-day Career Days both fall and spring to meet the increasing demand from employers for on-campus recruitment and engagement. Fall 2023 Career Days were the largest career fair held at Mines, and the first two-day event separated by industries. Day 1 focused

on Earth, Energy and Environment industries, while Day 2 focused on High Tech, Aerospace and Futures Industries. The spring fair similarly hosted employers on designated dates by industry, positively impacting attendees by having more equal employer attendance on both dates and more focused interactions between employers and students.



INDUSTRIES REPRESENTED AT CAREER DAY



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EMPLOYERS ATTENDING CAREER DAYS (FALL + SPRING)



The Career Center supported additional events surrounding Career Days, including Society of Women Engineers (SWE) Evening with Industry, Institute of Electrical and Electronics Engineers (IEEE) Evening with Executives, American Institute of Chemical Engineers (AIChE) Rotational Dinner, Veterans Alliance Heroes Dinner, Society of Mining Engineers (SME) Mining Meet & Greet, Mines Aerospace Interest Group Employer Mixer, American Society of Civil Engineers (ASCE) Building the Connections event and Mines Athletics Alumni Mixer.

PREP WITH REPS

Prep with Reps is a signature event that helps students prepare for Career Days. The event offers a variety of zones to engage students, including resume reviews, mock interviewing and elevator pitch practice. Employer representatives were assigned to provide coaching in each of the zones.

- A photographer was present at the event to take professional photos for students.
- Additionally, the Career Center partnered with a variety of campus partners including the Vallejo Irvine Program (VIP) for Professional Development, Mines Counseling Center, and the Multicultural Engineering Program (MEP) to offer additional services and resources to students in advance of Career Days.

FALL HIGHLIGHTS:

25 employers with 68 representatives **843** student attendees



SPRING HIGHLIGHTS:

20 employers with 45 representatives 524 student attendees

RECRUITING AT MINES

ON-CAMPUS RECRUITING

Following the Fall Career Days, 82 employers remained on campus to interview students for Next Day Interviews, holding 1,039 interviews. In the weeks following Fall Career Days, 8 additional companies visited campus adding 81 more interviews. Following the Spring Career Days,

42 companies conducted Next Day Interviews with a total of 455 interviews being held. Throughout the spring semester, an additional 17 companies facilitated on-campus interviews resulting in 86 more interviews. Between the fall and spring semesters, 126 companies hosted a total of 1,661 interviews with 1,076 individual students engaging in interviews.

EMPLOYER INFORMATION SESSIONS

Employer Information Sessions are an engaging way for employers to brand their company and connect Mines students to recruitment programs while allowing students to explore industries and career options and build their professional network. The Career Center supported all aspects of campus arrangements to ensure a high-quality experience for employers and students. Sessions were held both in-person and virtually to allow students increased access to opportunities across the country.

Employer Information Sessions







The Career Center adapted to meet the high demand of employer engagement by offering a variety of services and event opportunities to employer partners. In addition to the continued offerings of one-on-one meetings with the Employer Engagement team, participating in information tables or sessions, and conducting on-campus interviews, employers were also spotlighted on Career Fair Plus and promoted through social media and the Career Center monthly newsletter. Employers unable to attend the Career Days due to capacity constraints or schedule conflicts were able to participate in resume drops, which allowed non-present recruiters to collect and review student resumes for potential full-time and internship opportunities. The Career Center continues to find creative solutions while collaborating with campus partners and partner institutions to best meet the needs of balancing employer demand with student interest.

DIGGERNET: ONLINE CAREER MANAGEMENT SYSTEM

Job and Internship Postings on DiggerNet

767 employers posted a total of 3,282 jobs and internships on DiggerNet in 2023-2024. Of those postings, 1,204 were internship and co-op opportunities. Internship postings increased by 9% from the previous year. Also of note, there was a 21% increase in job postings in the Aerospace/Defense/Aviation sector and a 19% rise in the High Tech/Information Technology industry compared to the previous year.

Student Activity

5,295 students logged into DiggerNet with an average of 6 logins per students for 30,300 total logins to the platform. Students utilized DiggerNet to schedule career advising, register for events and apply for internships and jobs. DiggerNet usage increased by 23%, which may be an indicator of students looking and applying for more jobs and internships than previous semesters.



Interstride is an online platform that supports international students with finding employers in the US willing to sponsor for H1B, and domestic students looking for abroad opportunities. Users can search for international or domestic job postings, and watch live and on demand webinars on topics ranging from visa and immigration, job and internship searching tips, career development advice and more.

All Mines students and alumni (0-2 years) have free access to Interstride's features. Over 600 active students have engaged on the platform, and over 400 alumni across a variety of majors. More than 70% of users utilize the Jobs module, followed by 24% using the Network module.

1,661 On-Campus Interviews

CAREER CENTER SERVICES

CAREER PANELS

In the 2023-2024 academic year, the Career Center hosted 8 career panels to enhance students' understanding of industry and graduate school opportunities.

Career Panels Included:

- **Alternative Engineering** Geology **Renewable Energy Data Science**
- **Computer Science** Semiconductor **Innovation Industry Medical Industry Mixer**

Industry panels engage students in career pathways and allow them to network with professionals and alumni. Many panels offered this year were in collaboration with departments including Geology and Geological Sciences, Computer Science, Quantitative Biosciences and Engineering, McNeil Center for Entrepreneurship and Innovation, Economics and Business, Electrical Engineering and Humanitarian Engineering.

CSM 250—ENGINEERING **YOUR CAREER PATH**

Engineering your Career Path is a 1-credit course designed to provide students with advanced career planning and job searching tools that are instrumental in obtaining internships, co-ops, research, and full-time positions. The class gives guidance on transitioning into a career, building career and life success after graduation, progressing to the next stage, and making a positive impact in their chosen profession. This year, CSM 250 became a part of the undergraduate core curriculum as an elective option to fulfill the Success and Wellness requirement, increasing enrollment in the course.

Seven sections of CSM 250 were taught: 3 in the Fall semester and 4 in the Spring semester, with a total enrollment of 275 students, more than double the prior year's enrollment.



70 Panelists

27 Student Attendees

STUDENT PROFILE

Name: **Kaihl Garcia**

Degree: BS Electrical Engineering, 2024

Current role: ConocoPhillips, Alaska Engineer

Internship: Ulteig

Hometown: Parker, CO

STUDENT ENGAGEMENT/CAREER ADVISING

- ----- More than 660 students and recent alumni held individual appointments for a total of 1,168 appointments both virtually and in person to support job and internship search strategies, resume and cover letter reviews, interview practice, contract reviews and negotiation, and career and major exploration. Additionally, **Career and Professional Development Advisors** and Career Peer Advisors hosted 437 student meetings during weekly drop-in hours.
- → 38 workshops and rapid resume reviews were conducted to reach undergraduate and graduate students and alumni to assist with Career Day preparations and students' job and internship searches. Career Center also partnered with New Student and Transition Services, Residence Life, and Center for Academic Services and Advising to offer tailored workshops and support departmental efforts including the Majors Fair, Launch and Orientation.
 - The Career Center continued to offer focused programming and services including Career Launch Academy, group advising for communication skill-building, career exploration workshops, and professional photos.



development trainings to various academic department field sessions and courses, each with tailored major advisement and resources. Staff collaborated with departments including Physics, Petroleum Engineering, Metallurgical and Materials Engineering, Wellness Promotion, New Student and Transition Services, Chemistry, and Quantitative Biosciences and Engineering. Through these sessions, 408 students were reached.

The Career Center provided workshops to all Mines students and student groups including Grewcock Scholars, NeST Peer Mentors, Transfer Student Alliance, Mines Vacuum Society, NSBE, Women's Graduate Students, CASA, ISSS, AISES, Residence Life, SWE, and Fraternity and Sorority Life. Career Center also provided targeted drop-in hours partnering with Multicultural Engineering Program, and participated in the Graduate Student Toolkit Series, developing career and professional development skills for Mines graduate students.

> Workshops and Classroom Presentations

WELL-ROUNDED

"What I enjoyed most about going to Mines was how the school shaped me to be a well rounded engineer outside of just being an electrical engineer. I found my full-time job through Career Days that Mines hosted in the fall. ConocoPhillips was there and I talked with them at their booth and was invited back for an interview which landed me my job with them."

CAREER CENTER SERVICES

STELLAR REPUTATION

TOOLS FOR ENGINEERING YOUR CAREER: THE MINES STRATEGY

This career manual serves as a resource for students to gain tips and strategies on exploring career paths and job searching, including sample resumes and cover letters, instructions on interviewing and salary negotiation processes. It is available in print and online at **careers.mines.edu.**

STUDENT EMPLOYMENT/ON-CAMPUS JOBS

To support colleagues in departments on campus and serve students seeking on-campus employment, the Career Center hosted a Student Assistant Job Fair in the Fall 2023.



building a professional network."

STUDENT PROFILE

Name: Noah Sandoval

Degree: PhD Advanced Energy Systems, 2024

Current Role: Researcher, National Renewable Energy Laboratory

Hometown: Los Alamos, NM

CAREER CENTER BEYOND MINES@150





The Mines Career Center presents a more diverse portfolio of opportunities to students who, themselves, are more diverse in their preparation, education, interests, and experiences. These offerings align with the tenets of Mines@150 and beyond. We are creating a Career Center with expanded professional development

opportunities to guarantee distinctive leadership and professional aptitude across the graduating classes. This effort is supported by a diversified portfolio of employers as well as greater industry and academic engagement.

As part of Mines@150, the Career Center will attain and support the goal of becoming: "A preferred partner for talent, solutions, and life-long learning," as well as, "The exemplar for alumni affinity, visibility, and involvement," as defined by:

- Professional development opportunities to produce career-ready graduates
- -----> Further diversified portfolio of recruiters and employers
- Continuously expanded portfolio of student-facing services

- Preparation for graduate school at Mines and elsewhere, including professional school such as law, medicine, and business
- Enhanced focus on experiential learning such as internships, co-ops and undergraduate research
- ->> Impactful industry and academic departmental engagement

"I chose to come to Mines because of the school's stellar reputation in the energy field. I knew of the school's reputation as rigorous and challenging, and I knew my hard work throughout my time at Mines would pay dividends throughout my career. What I enjoyed most about my time at Mines was the connections that I made on campus. My Ph.D. program had a partnership with the National Renewable Energy Laboratory (NREL). For four years, I did all of the research for my thesis with the residential buildings group at NREL. During this time, I was constantly learning on the job while at the same time



WORLD-CLASS

PARTICIPATING EMPLOYERS

Over 1,610 organizations participated in recruiting and professional development efforts with Colorado School of Mines. The following lists all the employers, whether hiring for jobs and internships, or engaging in Career Days, information sessions, on-campus interviews, career panels and DiggerNet postings. We thank them for their partnership.

"I Have a Dream" Foundation /n software 10X People **3 Rocks Engineering 3D Systems** 3M 47Lining 4CDA ABB **ABC Fitness Solutions ABC** Technologies Abengoa Solar Academic Program International **ACCO Engineered Systems** Accrete Accurate Corrosion Control Accurence Accu-Tube Ace Thermal Systems ActiveCampaign **ACZ** Laboratories Adamantine Energy Adams County AdamWorks Adaptive Innovations Addazu **ADF** International Adolfson & Peterson Construction Advanced Engineering and Environmental Services Advanced Terra Testing AdventHealth AECOM AEi Systems AeroEngineering 4.0 Aeroflex AES - Clean Energy **AES Group** Affiliated Engineers AG Wassenaar Agapito Associates

AGC Biologics Agile Education Marketing **Agilent Technologies** AgileOne AgriGates AI Arrive **AID Equipment** Aimtek Air Force Institute of Technology Air Force Research Laboratory **Air Products** Air Squared AirCapture AirWeights Alan Plummer Associates Alarm.com Alaska Native Tribal Health Consortium **Albany Engineered** Composites Alcami Alfred Benesch & Company **ALIO Industries** AlixPartners Alkermes Allegion AlloSource Alpha Safety Group **Alpine Research Optics** Altamira ALTEN Technology USA **Altius Space Machines** Alumicraft Alvarez & Marsal AM/NS Calvert Amazon AMB Wealth AMD Advanced Micro Devices Amentum Amergint Technologies American Association of Petroleum Geologists

"When I applied at IFP School in France for my masters, they told me I could get a dual degree with Colorado School of Mines, I didn't hesitate a second because I know the value of Mines Alumni and the reputation it has beyond the US, because that's how I came to know about it through a mentor who graduated at Mines. I enjoyed having world class lecturers and challenging debates with very bright classmates from different industries and backgrounds. Through the Mines Career Fair, I was hired by a Mines alumnus, and I am really grateful that they took a chance on me, especially being an international student!"

STUDENT PROFILE

Name: Abdallah El Badaoui

Degree: MS Mineral and Energy Economics, 2023

Current role: Rystad Energy, Consultant

Hometown: Ngazidja, Comoros American Bureau of Shipping American Consolidated Natural Resources American Gypsum American Petroleum Institute American West Construction AmeriCorps Ames National Laboratory AMG Vanadium Amgen Anacapa Engineering and Design Analog Devices Analytical Data Systems Ananya Health Anark Anchorage School District AngloGold Ashanti Anheuser-Busch **Answer Engineering** Ansys Antero Resources Anton Oilfield Services Group AON APAC Shears **Apache Corporation Apex Engineers** Apple Applied Control Equipment **Applied Electric** Applied Flow Technology **Applied Medical Applied Research Associates APT Research** Aptim Aptiv AquAeTer Aquarry Aquionix Aramco Americas Arapahoe County Water & Wastewater Authority ARC Group Worldwide

ArcelorMittal Arcfield **ARCO/Murray National Construction Company** ArcScan Ardent Mills Argonne National Laboratory Argus Consulting Armstrong Consultants Armtec Defense Technologies Arrive AI ArrowMark Partners Arup Ascend Analytics Ascent Geomatics Solutions Ascentris ASEC Ashworth Homes Askew Scientific Aspect Energy AstraZeneca Pharmaceuticals Astroscale ATI Atkinson Construction AtkinsRéalis Atlas Technical Consultants Atomic Cartoons Atomos Space Atwell **Audubon Companies** Augsburg University Augustine Classical Academy Augustus Aerospace Company Automated Engineering Services AWC Azul 3D Azzur Group B & J Surveying **BAE Systems Bai Engineers**

Bain & Company Baker Construction Baker Hughes Balfour Beatty Infrastructure Ball Corporation Barminco **Barnard Construction** Barnett Engineering & Signaling Laboratories **Baron Education Barr Engineering Basin Electric Power Basis Partners Basler Electric Company Battelle Memorial Institute** Baxter & Woodman Bayer **Baylor University Baytex Energy BCER Engineering** BD **Benton & Associates** Berkel & Company Berry Petroleum **Beta Technologies BGC Engineering Bhate Environmental** Associates BHC Engineering BHP **Big Metal Additive Big River Steel Big West Oil** Biofire **BioForceTech** BioIntelliSense **Bio-Rad Laboratories** Birdon **Birds Eye Robotics Bison Oil & Gas BL** Companies Black & Veatch Black Cape BlackSmith Bioscience Bloomberg **Blue Canyon Technologies** Blue Origin **BluePrint Automation BlueSky Resources BNSF** Railway Bodycote Boeing **Bohannan Huston** Bolton & Menk **Boom Supersonic**

Booz Allen Hamilton BorCore BoreDM BorgWarner **Boston Beer Company Boston Metal Boston Scientific** Bowden and Associates Bowman **BP** America **BPX Energy** Bradken **Bradshaw Construction** BranchPattern **Brannan Companies Brasfield & Gorrie Braun Intertec Bravo Company Engineering Bray International BREK Electronics Bridge Diagnostic Brierley Associates Brigham Young University Brigham Royalties Bright Minds Brinkmann Constructors** Brinks Engineering Broadcom **Brooks & Nelson BRS Engineering Brunk Industries** Bryan Research & Engineering **BTU Analytics** Buckman **Build Group Burns & McDonnell** BurstIQ Byrnecut Cabelas CABLENET **Cabot Corporation** CACI CAGE Civil Engineering Calibre Engineering California Air Resources Board California Institute of Technology California Resources **California Steel Industries** Calpine CalPortland Cambrex Cambria Campos EPC **Camus Energy**

CAN/AM Technologies Capella Space **Capstone** Copper **Capstone Development** Partners CaptiveAire Carbon America Carbon Nexus Cargill **Carpenter Technology Caspian Integrated Services** Caterpillar Cator Ruma & Associates CBNA **CDM Smith CeBB** Engineering Celanese CEMCON Cementation CEMEX Center for Social Dynamics Centerra Gold Central Federal Lands **Highway Division** Central Intelligence Agency **Central Marin Sanitation Central Plains Cement Charles Schwab Charter Communications Chatham Financial Chemours Company** Cheniere Energy **Chesapeake Energy** Chevron **Chevron Phillips Chemical** Chi-Botanic Children's Hospital Colorado Children's Hospital of Philadelphia Chord Energy **CHS McPherson Refinery** Church & Dwight Cigna Cisco Systems **CisLunar Industries** City and County of Denver City of Boulder City of Englewood City of Greenwood Village City of Lakewood **City of Long Beach** City of Olathe City of Pueblo City of Redwood City of Riverside City of Thornton Clariant

Clarios Clark & Enersen **Clark-Atkinson Construction** Clayco **Clean Harbors Clean Planet Project ClearView Energy Partners Cleveland Cliffs Cleveland Clinic** Cloud303 **CLP Engineering** CMC CoBank Coeur Mining **Coffman Engineers Cohlmia Engineered Services** Colas **Collier Geophysics Colliers Engineering & Design Collins Aerospace** Colorado Bureau of Investigation Colorado Department of Public Health & Environment Colorado Department of Regulatory Agencies Colorado Department of Transportation Colorado Division of Water Resources Colorado Energy and Carbon Management Commission **Colorado Energy Office** Colorado Geological Survey Colorado Public Utilities Commission Colorado River Water **Conservation District** Colorado School of Mines Colorado Science and Engineering Policy Fellowship Colorado Secretary of State Colorado State University Columbia University Comcast **Complete Engineering** Services **Complete Structural** Consulting **Comptek Technologies** CONAM Concrete Frame Associates ConocoPhillips **Consolidated Nuclear Security** Consor Constellium Construction LTD **Construction Testing Services** Contentful

Continental Resources Convergint **Cooling Tower Depot Cooper Lighting Solutions** CoorsTek Corden Pharma Colorado **CORE** Consultants **Core Laboratories** COREsea Corning Coterra Energy Counsilman-Hunsaker Covius **CPI Card Group** Craftwater Engineering **CRB** Consulting Engineers Credera Credit Union of Colorado **Creedence Energy Services** CRH **Crimson Engineering** Critchfield Mechanical **CROFT & Associates Crowheart Energy** CrownQuest Operating **Cruz Construction Crystal Group CSAA** Insurance Group **C-Shift Consulting CSL** Behring **CTL-Thompson Cushing Terrell Custom Microwave** CustomInsight Cyrq Energy **D.** Martin Enterprises D.E. Shaw Group **D.H. Charles Engineering** DA Smith Drilling **Daikin Applied** DataLab USA Datava **Davidson Technologies** Davis Wire DaVita Dawson School Daxko dBMEDx **DCI Engineers DCM Science Laboratory DEC Corp Deep Science Ventures DEGCON Industries Delaware River Basin Dell Technologies** Deloitte

DELTA [v] Forensic Engineering Denbury Resources **DeNOVO Solutions Denver International Airport Denver Water Department** DePuy Synthes **Design Outreach Devon Energy Dewberry Engineers** Dibble **Dimensional Innovations** DirectDefense **Disa Technologies Discover Financial Services DISH Network** Ditesco **DiversityWorks Group** DJ&A DMC **DMC Biotechnologies** Doe Run Company Dolese Bros. DoraniX **Douglas County Douglas County School District Dow Chemical Company** Dragados USA **DRS Daylight Solutions DSST Public Schools DUG Technology** DuPont Dynatrace Dyvo E Source **E&K** Companies E-470 Public Highway Authority EA Engineering, Science, and Technology **EAD** Corporation **Eagle River Water** and Sanitation District **Eagle's Nest Mining** EarthEnable Earthjustice East Cherry Creek Valley Water and Sanitation District ECC **Eclipse Aerospace** Ecolab **EControls** Edel Golf EduCyber Edw. C. Levy Edwards Lifesciences **EHS** Documents

Ekta
El Paso County
Electra
Electric Hydrogen
Electric Power Engineers
Electric Power Research
Institute
Electrical Consultants
Electro Magnetic Applications
Electro-Mechanical Products
Electronics Service
Elementum 3D
Elevation Gold Mining
Elevations Credit Union
Eli Lilly
Elligo Health Research
Ellipse Analytics
Ellwood Group
Emerson
Emma Bowen Foundation
Emory University
Empower
En Solucion
EnCorps
Endeavor Natural Gas
Endolith
Enerflex
Energy Acuity
Energy Transfer
Enerplus Resources USA
Engineering & Construction Innovations
Engineering Economics
Engineering System Solutions
Engineering Systems Technology
EnLink Midstream
Ensign Energy Services
Ensign Power Systems
Entegris
ENTRUST Solutions Group
Environmental Defense Fund
EnviroTech Services
EOG Resources
EPC Services Company
Epic
Epilog Laser
Epiroc Drilling Solutions USA
Equilibrium Energy
Equinor
Equitable Advisors
Erise IP
ESAB Welding & Cutting
ESAI Energy
ESI Construction
ESI Solutions
ESSMetron

Ethos Distributed Solutions Eurofins **Evoqua Water Technologies EVRAZ North America** EVS Engineering EXERO Well Integrity Expedia Group Explico Exponent ExxonMobil EY (Ernst & Young) F&D International F.H. Paschen Faegre Drinker Biddle and Reath Farnsworth Group **Fast Enterprises Fathom Radiant** FCI Constructors **Federal Aviation** Administration Federal Bureau of Investigation Federal Deposit Insurance Corporation Federal Energy Regulatory Commission Federal Highway Administration Felsburg Holt & Ullevig Fermilab Fervo Energy Fiat Chrysler Automobiles **Fidelity Investments** First RF First Solar **Fisher Investments** Flashtract **Flatiron Construction** Flatiron Machine Fleet Space Technologies Flowserve FLSmidth Fluence **Foothills Bridge** Ford AV Ford Motor Company Forgen FormFactor **Formosa Plastics** Fort Lewis College FORTË Fortescue **Fortius Metals** Fountain-Fort Carson School District 8 Fox Factory

Framatome

Franklin Mountain Energy Freeport-McMoRan Freezer Engineering **Frontier Airlines Frontier Technologies** Frost Solutions **FUJIFILM Dimatix** Fujitsu Network Communications **Fulfil Solutions FW Murphy Production** Controls **GAF Materials Corporation** Gall Zeidler Consultants Gallegos Galloway & Company **Gaming Labs International Gannett Fleming** Garcia Hamilton & Associates Garmin International **Garney Construction** Garver Gates **GBA** Companies **GE** Aerospace **GE Johnson Construction GE Vernova GEI Consultants** GEICO Genentech **General Atomics** General Aviation Manufacturers General Dynamics **General Motors** Genesis Alkali **GeoStabilization International Geosyntec Consultants** Geotab **Geotech Computer Systems** Geotech Environmental Equipment Gerald Group German Academic Exchange Service **GH** Phipps Construction GHD Givelify Glidewell **Global Shop Solutions Global Wealth Strategies GLS Lighting and Controls** Goff Engineering & Surveying **Gogo Business Aviation Gold Springs Resource**

Golden Aluminum GOLFTEC Google Gracon Gradient Grady Minor Gränges Granite Bay Excavating **Granite Construction** Grede **Greenwich Commodities** Gridmetrics Group 70 International Group14 Engineering **GSE** Construction **GSI Environmental GTI Energy Gulfstream Aerospace Gunslinger Custom Paint** H&H Habitat for Humanity Hach Company Haley & Aldrich Halker Consulting Halliburton Hamilton Construction HarbisonWalker International Harris Group Harris Kocher Smith Harrison Steel Castings Harrison Western Hart Gaugler + Associates Harvard University Harvest Midstream Company Hatch Hazen and Sawyer Hazen Research **HB** Trenchless **HBK Engineering HCDA Engineering** HDL Engineering Consultants HDR HealthTrio Hecla Mining Company Heico **Heidelberg Materials Hensel Phelps** Herbert Scoville Jr. Peace Fellowship Heritage Environmental Services Herzog Hess Heuer Labs

Hewlett Packard Enterprise

Intel

HF Sinclair **Hidden Talents HIE Consulting Engineers Highline Electric Association Highridge Medical Hilcorp Energy** HirschGibney **Hirsh Precision** HNTB Hodgdon Powder Company Hogue Holcim Holland & Hart Holstery Honda Motor Company **Honeybee Robotics** Honeywell Aerospace Hood Builder Hooper Horrocks Housecall Pro Houston Methodist Hospital **Howmet Aerospace** ΗP HPM Contracting **HPMB** Consulting Engineers HR Green Huffman Engineering Huitt-Zollars Hull Street Energy **Hunter Douglas Huntington Ingalls Industries** Hyde Renewables Hydrasearch HydroGeologic **ICE** Robotics Iconergy ICR iD Tech Idaho National Laboratory ifm Efector Illinois Tool Works IMEG Imerys Impressio **ING** Capital Ingalls Shipbuilding InnovaFlex Foundry Innovative Engineering Solutions **Innovex Downhole Solutions Inside Outside Spaces** Instech Laboratories Integra Resources Integrated Environmental Solutions

INTERA Internal Revenue Service International Ocean Discovery Intralox Intrepid Potash INVISTA **IONEX Research Corporation** Iontra **IP&E** Holdings IPAX IPS **IPT Well Solutions** IRISNDT Iron Rooster Iron Senergy IronStride Solutions **Irvine Ranch Education Center** Itafos Itasca Denver IXM J. R. Butler J.A. Watts J.M. Huber Corporation J.W. Fowler Jabil Jacobs Engineering Group Jane Street Jaremar Jaxon Engineering Jay Dee Contractors JCAA Consulting Engineers **JE Dunn Construction** Jefferson County Government Jefferson County Public Schools Jesik Consulting **JHL Constructors** JMA Wireless Joe Hill Consulting Johns Hopkins University Johns Manville Jordan & Skala Engineers JPMorganChase JR Butler **JR Engineering** JVA Kahuna Ventures **Kairos** Power **Kaiser Permanente** Kansas Department of Transportation Kärcher North America Kaseware **KBI Biopharma** KBR Keller North America Kennametal

Kennedy Jenks Kent State University Kenworth Truck Company Keysight Kiewit Kilduff Underground Engineering **Kimley-Horn KIPP** Colorado Schools **Kirschbaum Law Group** KL&A Kleinfelder KLJ Klute **Knight Piésold Koch Industries** Kordspace **KPMG Kraemer North America Kratos Defense** Krissilas Group Kroger **KS** Technologies KUNZ Kurita America L. G. Everist **L**3Harris LabJack Lamp Rynearson Land F/X Lane Construction Langan Engineering Lannon Stone Larimer County Launch Partners Lavner Education Lawrence Berkeley National Laboratory Lawrence Livermore National Laboratory Lazer-Drones LDIS Legacy Mechanical Leidos Leitner Poma Leppert Associates Leprino Foods Lerch Bates Lexmark International Lhoist North America Liberty Energy LightDeck **Lightwave Logic Lignetics Group** Lincoln Electric Automation Linde Lineage

Liteye Systems LivaNova LJA Engineering LMI Lockheed Martin Lockwood, Andrews & Newnam Loewen Engineering Loft Orbital Solutions Logical Systems Logplan LogRhythm **Loil Energy Partners** LONG Building Technologies Longuist & Company Lopez Dorada Foods Los Alamos National Laboratory Loughlin Water Associates LTY Engineers Luchini Trujillo Structural Engineers Lucid Software Luck Stone Lumen Technologies Lunar and Planetary Institute Lunar Outpost Lutron Electronics Lyric Health Lvtle Water Solutions M3 Engineering & Technology Macro-Blue Magellan Health Magellan Midstream Partners Magotteaux Maine Drilling and Blasting Major Tool & Machine Malisko Engineering Manhard Consulting Manson Construction MAPEI Maptek **Marathon Petroleum** Martin Engineering Martin Marietta Materials Martin/Martin Martinez Associates Marvell Technologies Massachusetts Institute of Technology Matador Resources Matrix Design Group Mattel Maverick BioMetals Maxar Maxeon Mayo Clinic

Linkan Engineering

MBRAUN McDonald Plastic Molding McKinstry McMillen McNamara Salvia Structural Engineers MDP Engineering Group **ME Engineering** Mead & Hunt Meadowlark Optics Meati Medecipher Medpace Medtronic Mercalis Mercer **Meridiam Partners** Meritech Merrick Metallus Metro Water Recovery Mewbourne Oil Company Michael Baker International Michelin Michels **Michigan Department** of Transportation Microchip Technology Micromeritics Microsoft Mikron Milender White Military Health System Millennium PetroCapital Millstone Weber Milwaukee School of Engineering Milwaukee Tool **Minesense Technologies MiTek Industries MITRE Corporation** Modern Constructors Monolith Materials Moog Mortenson MP Materials **MTech Mechanical** MTRON Reseach Labs Murphy Company Musket and Trillium MxV Rail Nabors Industries Nadora Healthcare NASDAQ OMX National Aeronautics and Space Administration (NASA) National Cybersecurity Center

National Geospatial-Intelligence Agency National Institute of Standards and Technology National Institutes of Health National Jewish Health National Oceanic and Atmospheric Administration National Park Service National Reconnaissance Office National Renewable Energy Laboratory National Science Foundation National Security Agency Natural Power Navajo Transitional Energy Company Naval Air Systems Command Naval Facilities Engineering and Expeditionary Warfare Naval Nuclear Laboratory Naval Surface Warfare Center **NEI Electric Power** Neptune and Company Netscout Systems Neuman & Esser Nevada Gold Mines Nevada National Security Site New IPT New Paradigm Energy Newcrest NewFields Newmont Mining Nexight Group NextBridge Hydrocarbons NextEra Energy NFT Nicholson Construction Nintendo **NIOSH Mining Program** Nissan Motor Corporation NLMK No Patient Left Behind Norfolk Medical North American Die Casting Northern Natural Gas Northern Star Resources Northrop Grumman Northwest Colorado Consultants Northwestern Mutual nou Systems NOV Novelis Novo Nordisk NRG Energy

Nth Cycle Nucor Steel Numerica Corporation Nutrien Nuvaira NXP Oak Ridge Associated Universities Oak Ridge Institute for Science and Education Oak Ridge National Laboratory OceanaGold Oceaneering **Odin Environmental Solutions Odyssey Space Research** Old School Industries **Olin Chlor Alkali Olson Engineering** Olsson Ombud OMNI-X Oncore **Opta Group Optical Engines** Opus Oracle **Orbital Advisors Orbital Mining Corporation** Oregon Tool **Origins Laboratory Orion Resource Partners** Otak **Otter Products** Outlier.ai Outrider Technologies **Outside Analytics** Ovintiv **Owen Family Foods** Oxy P&G PA Consulting **PACCAR** Parts PACE Technologies Pacific Northwest National Laboratory **Packaging Corporation** of America Page Pala Investments Pan American Energy Paragon 28 Paragon Films Parameters Research Lab Parker Hannifin **Parker Water & Sanitation** Parsons

Particle Measuring Systems **Partners In Performance** Paterson & Cooke Pathfinder Systems Patterson-UTI Pax8 **PCL** Construction **PDC Energy** Peabody Energy **Peaks Renewables** Pearl Harbor Naval Shipyard PEG Peloton Computer Enterprises Pennsylvania Department of Environmental Protection Pennsylvania General Energy PepsiCo/Frito-Lay Performance Engineering Peterbilt Petr Explosives Group PetroSkills Pfizer Philips Phillips 66 **Phoenix Capital** PICOCYL **Pie Insurance Pilatus Business Aircraft** PING Pinkard Construction Pinnacle **Pinnacle Structural Engineers Pinyon Environmental Pioneer Astronautics Pioneer Natural Resources Piteau Associates Engineering** Pitkin County Telecommunications **Pivotal Commware Plains All America Pipeline** Planisware Plastech **Play-Well TEKnologies** Plummer **Point Designs** Poly Polytechnique of Montreal Porsche Portland Tool and Die Posi+ **POWER Engineers PRACTICE Benefit** Pratt & Whitney **Precision Water Resources PriceWaterhouseCoopers**

Primoris Services Primus Aerospace Privacy SWAN Consulting Promega **Propetro Services** Prosono Proudfoot Providence Infrastructure **Provost & Pritchard Consulting Group** PSI PTT Exploration and Production **Publicis Sapient Puentes Abroad Puget Sound Naval Shipyard** Pure Cycle Pure Power Engineering Pye-Barker Fire & Safety **Qorvo Biotechnologies QTEC** Aerospace Quantinuum Quantum Water Consulting Ouest EPC Radia **RBC Medical Innovations** RCG **RE Consulting** Red 6 Redaptive **Redwire Space** Regenerex **Regional Transportation** District **Regis University Relativity Space Reliable Controls Corporation Renaissance Learning Research Innovations** Resi Media **Resource Capital Funds Resource Exchange** International RESPEC Restruction **Retina Consultants** Revature RevGen **RF-SMART Rhombus Power** Ricoh **Rieth Jones Advisors Right On Learning Rincon Research Rinker Materials Rio Tinto Ripple Effect Consulting RJH Consultants**

RK Industries RK Mechanical RMH Group Roaring Fork Engineering Rock West Composites RockAuto **Rockhog Drilling Products RockSol Consulting Group Rocky Mountain Instrument Rocky Mountain Scientific** Laboratory **Rocky Mountain Youth Corps Rogers Group Roundtable Engineering** Solutions **Royal Signs** RS&H RSI RSM US **RTI International** RTX **Ryan Companies** Rystad Energy S.S. Papadopulos Sabine Oil & Gas Saga Education Saint-Gobain Salado Isolation Mining Contractors Salas O'Brien Salesforce Samsung Austin Semiconductor San Francisco Municipal Transportation Agency San Isabel Electric Association Sanborn Head & Associates Sanborn Map Company Sandfire Resources America Sandia National Laboratories Sandvik Group Sargent & Lundy Saudi Aramco Saulsbury Industries Saunders Construction Savannah River National Laboratory SC Tech Systems Schedio Group Schemmer Schnabel Engineering Schnabel Geostructural Schweitzer Engineering Laboratories **Scientific Applications** & Research Associates SciTec SCJ Alliance Scot Forge Company

Scout Clean Energy **SDS** Automation Seaboard Energy Seagate Technology SEAKR Engineering SecuRESafe Sempra Infrastructure Sensata Technologies Sensera Systems SGM Shaffer Baucom Engineering Shamrock Foods Company Shaw Construction Shell USA Sheridan Ross PC Shermco Industries Sherpa 6 Shimmick Construction Sibanye Stillwater Mining Siemens Energy Sierra Nevada Corporation Sierra Space SIF Language School Signal Peak Silica Signicast Signify Sinclair Oil **Singleton Schreiber** Sion Power Skanska **SKLD Title Services Skyhawks Sports Academy SLAC National Accelerator** Laboratory SLB SLR Consulting SM Energy Smith Engineering Smith Seckman Reid Snap-On Tools Software Technology Group Soilogic Solar B.I. Solar Turbines Solas Energy Consulting Solea Energy Solid Power Solmetex Solvay Chemicals SomaLogic SomnoHealth SOMOS IWT South Dakota Department of Transportation South Dakota Office of the State Engineer South Metro Water Supply Authority

Southland Holdings Southwest Research Institute Space Development Ventures Space Rig Systems SpaceNav SpaceX Spartan Construction **Special Aerospace Services** Spectrum Spectrum Plastics Group Square Root Engineering SRI International SRK Consulting SSAB SSR Mining Stacy and Witbeck Stanford University **Stanley Consultants** Stantec Consulting Starfire Energy Stateless **Steel Dynamics Steele Industries** Stellantis **Stellar Solutions** Sterisil Stolfus & Associates StoneAge **Stonemont Solutions** Strategic Systems Programs Stratom Stream-Flo Streck Structural Group Stryker Stryten Energy STV Summit Engineering Services Summit Ridge Energy Summit Water Engineers Sun Chemical Corporation Suncor Energy Sundyne Surf Internet Surtek Swagelok Denver Swanson Rink Swim Tech Swinerton Builders Swire Coca-Cola Synaptech SynBio Technologies SynTerra Sysco Systems Planning and Analysis

Southern Methodist University

T.A. Pelsue Company **T2 Utility Engineers T4S Partners Tactical Electronics TAIT & Associates Tait Towers Talen Energy** Tallgrass TAP Lab **Tap Rock Resources Targa Resources Taubensee Steel & Wire** TC Energy **TDA Research TEAM Services Group** Techna-Flo Engineering **Technip Energies Teck Resources Teichert Construction** Tektronix Tenaris **Tennessee Valley Authority** Tenova TAKRAF USA Tensentric Teradyne Teren **Terex Corporation** Terra Chem Lab Terracon **Terumo BCT Tesla Motors** Tetra Tech **Texas Department** of Transportation **Texas Instruments Textron Aviation THARROS** Technical Consultants The Aerospace Corporation The Beck Group The Feed The Gant The Knight School Denver The Land Group The Mosaic Company The Quartz Corp The Regis Company The Stack System The Trade Desk **The Vertex Companies** TheraNova **Thomson Reuters** Thor's Lightning Air Systems Tim Bradney Designs TimkenSteel Tinker Air Force Base **TN Parker Construction**

Torc Robotics Tortuga AgTech **Total Quality Logistics** Town of Castle Rock **Toyon Research Corporation** Toyota Motor **Trace Genomics** Trane Transamerica Transocean **Traylor Brothers TRC Companies Trelleborg Sealing Solutions Trendsetter Engineering Trepa Technologies TREW** Automation **Trex Enterprises TRI Austin Triad National Security Tribal One Construction Trihydro Corporation** Trimble **Trinity Consultants Triplepoint Environmental Tri-State Generation** and Transmission **Triton Aerospace Trout Unlimited** Truffle TruStile **TTM Technologies** Tudor, Pickering, Holt **Turner Construction Turner Mining TUV Rheinland North America** Two P Partners **Tyler Technologies** uAvionix Ulteig Engineers Ultium Cells **United Airlines** United Launch Alliance **United Parcel Service** UnitedHealth Group **Universal Achievement** University College Dublin University Corporation for Atmospheric Research University of Alaska University of Arizona University of California University of California, Irvine, Center for Integrative **Movement Science** University of California, Los Angeles, Institute for Pure and Applied Mathematics

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University of Colorado Boulder University of Colorado, Denver Anschutz Medical Campus University of Göttingen University of Illinois University of Massachusetts University of Oxford University of Rochester University of South Carolina University of Southern California University of Texas University of Utah University of Washington University of Wyoming **Update International** Urban Drainage and Flood Control District **Ur-Energy US Air Force** US Air Force Academy **US Army US Army Corps of Engineers** US Army Medical Recruiting US Bank US Bureau of Diplomatic Security **US Bureau of Reclamation** US Department of Agriculture **US** Department of Defense US Department of Energy US Department of Interior US Department of State **US** Department of Transportation **US Engineering US Environmental Protection** Agency US Food and Drug Administration **US General Services** Administration US Geological Survey, Central **Energy Resources Science** Center US Geological Survey, Geologic Hazards Science Center US Geological Survey, Water Mission Area **US House of Representatives**

US Marine Corps US Mint US Naval Research Laboratory US Navy US Nuclear Regulatory Commission **US Patent and Trademark** Office US Securities and Exchange Commission **US Senate US Service Animals US Space Command US Steel Corporation USA Rare Earth** USA Wrestling **USG** Corporation UTAC **Utility Engineering Group** Utility Global V-1 Consulting Vactronix Scientific Valaris Limited Valero Energy Corporation Valescent Pharmaceuticals ValveSystems Van Meter Vanderbilt University Vaquero Energy Vartega Vector Process Solutions Vector Scientific Vel-Kal Manufacturing Venture Aerospace Venvee Veolia Verizon Vermeer Corporation Vero Fiber Networks Vertex Pharmaceuticals Victaulic Vieletech Vigor Technologies Village Schools International **VINCI** Construction Vine Laboratories Virginia Department of Transportation Visa

Visible Network Labs Vision Plastics Visiopharm Vista Engineering Group Vista GeoSciences Vitis Energy Vitro Biopharma Vivid Engineering Group VIZIO Volvo Vortek Instruments Vorto **Vulcan Materials** Vvriad W.E. O'Neil Construction Wake Forest University Walbec Group Wallace Design Collective Walsh Group Walt Disney Company Walter P Moore Ware Malcomb Warrior Met Coal Washington State Department of Ecology WaterBridge Waupaca Foundry WC Civil Engineering Weatherford Weaver Consultants Group Webber Weiss-Aug Weitz Company Well Master Corporation Wells Concrete Wells Fargo Welltec Western Alaksa Minerals Western Area Power Administration Western Colorado University Western Digital Western Engineering Consultants Western Foundries Western Industrial Contractors Western Mechanical Solutions Western Resource Advocates Western States Fire Protection

Westinghouse Electric Weston Solutions Westwood Professional Services Weyerhaeuser WHC Energy Services White House Wide Swath Research Wieland Wiland Willdan Williams Companies Wilson & Company Winn-Marion Wipfli Wiss, Janney, Elstner **Wolverine Fuels** Woodard & Curran Woodbridge Group Woodward Woolpert Workiva World Wide Technology Worley Wright Water Engineers WSB & Associates WSP USA Wunderlich-Malec WW Wheeler and Associates Wyoming Department of Environmental Quality Wyoming Military Department X, The Moonshot Factory Xactly Xcel Energy Xelay Acumen Xtenti Yeh and Associates York Space Systems Zachry Construction Zaeem Research Group ZAP Engineering Zed Factor Fellowship ZedaSoft ZeroDay Law Zeta Associates Zimmer Biomet Zimpatica

The Mines Career Center extends their appreciation to the organizations that provide direct contributions to support professional development activities and enhance many services for Mines students.









Your support helps Mines to build a new generation of world-class engineers, scientists, innovators and leaders!

The 2023-2024 Colorado School of Mines Career Center Annual Report was written and produced by Wendy Winter-Searcy. Director, in collaboration with Katy Armstrong, Associate Director of Career and Professional Development and Rebecca Martinez, Associate Director of Employer Engagement, with contributions from Adriana Alba, Assistant Director of Employer Engagement Events, Jerry Mason, Employer Engagement Coordinator, and Rose Foody, Career and Professional Development Advisor, along with support from the entire Career Center team. Mines Institutional Research and Strategic Analytics provided data analysis and reports.

THANK YOU!







CAREER CENTER ANNUAL REPORT EXECUTIVE SUMMARY 2023-2024 **MINES CAREER ENGAGEMENT & OUTCOMES**

Colorado School of Mines is a public R1 research university focused on applied science and engineering, producing the talent, knowledge and solutions to serve industry and benefit society -all to create a more prosperous future. Mines graduates consistently find themselves in high demand, sought after by employers who value their technical expertise, collaborative approach and innovative thinking. As a top-ranked school for return on investment, Mines offers a distinct advantage in the competitive market of today-and long into the future.

GRADUATING STUDENT OUTCOMES

Accepted Positions in Colorado¹



GRADUATE SCHOOL



POSITIVE OUTCOMES & AVERAGE STARTING SALARIES FOR BS, MS & PHD

	BS	MS	PHD
Positive Outcomes	92%	92%	97%
Average Starting Salaries	s \$81,400	\$91,700	\$100,100

Bachelors Students

Graduated With Internship

and/or Research Experience

INTERNSHIPS & TECHNICAL EXPERIENCE

Technical experiences, such as internships, co-ops and research experiences, are key contributors to students' future aspirations and a hallmark of the Mines student experience, preparing them to contribute immediately upon entry into the workforce.

885 undergraduate students graduated with

documented, relevant internship or research

experience across 45 states and 7 countries.

¹BS, Graduate Certificate, ME, MP, MS, PhD

² Included in "positive outcomes" numbers are BS, MS, PhD graduates committed to their first destination: jobs in industry, government, military, international students returning to their home countries, and those going to graduate school. Data is collected for 6 months following the academic year (November).

³BS and MS graduates







EMPLOYER ENGAGEMENT

1,661 On-Campus Interviews **708** Career Days Employer Registrations With **4,800+** Participating Students

3,282 Jobs and internships posted in DiggerNet—the exclusive Mines community career hub

CAREER & PROFESSIONAL DEVELOPMENT

Career readiness and professional development are embedded across Mines. Students and recent graduates access a wide range of services to develop their professional skills and competencies, including over 1,168 individual career advising appointments, 51 workshops and classroom presentations, 8 career panels on industries such as Renewable Energy, Semiconductor and Data Science. The Career Center offers CSM 250–Engineering Your Career Path as a 1-credit course within the Success and Wellness required graduation sequence. It provides students with advanced career planning and job searching tools that are instrumental in developing their career preparation.



COLORADO SCHOOL OF MINES. Career Center



All information provided in this annual report is available online at **mines.edu/careers.** Contact the Mines Career Center for more information, assistance or support.

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