There is a certain effect that happens when you are part of the Mines community. Enthusiasm flourishes. Self-reliance and teamwork intertwine in surprising ways. Grit and perseverance becomes a way of life. This is how the next generation of leaders are crafted. **This is the Mines Effect.** It happens when the brightest minds from a kaleidoscope of cultures come together to solve the greatest challenges facing our world and grow personally with every step they take.

**4,864**
Students & Recent Grads Used Career Services an Average of 2 Times

**93%**
Positive Outcomes Rate

**1,312**
Organizations Recruited or Hired at Mines

**$81k**
Average Starting Salary

---

1 Best Public Colleges, PayScale.com (2021) [www.mines.edu/about/rankings/](http://www.mines.edu/about/rankings/)

2 Employed in industry, government, military, continuing education, or international students returning to their home countries.

3 Combined BS, MS, and PhD grads
“GROWING UP IN A MILITARY TOWN, SUPERSONIC JETS AND LARGE CONVOYS WERE A COMMON SIGHT. I NEVER DREAMED OF BEING ABLE TO WORK ON THESE TECHNOLOGIES. THERE IS NO DOUBT THAT MINES HAS PREPARED ME TO BE SUCCESSFUL IN THIS ROLE.”

Internship at Northrop Grumman Space

HAYDEN COOREMAN
Computer Science, BS, 2023; Minor in McBride Public Affairs; Student Representative to the Board of Trustees
The Class of 2022 grew to new heights as a record number of students completed their time at Mines and transitioned into industry or continuing education. Regardless of their first destination, we know they find success and have an immediate positive impact.

**GRADUATED STUDENT OUTCOMES**

- **1,789** Total Graduates
- **93%** Positive Outcomes Rate\(^1,2\)

**$81K** Average Starting Salary\(^3\)

- **19%** Continue to Advanced Education\(^3\)
- **64%** Accept Positions in Colorado\(^4\)

The Class of 2022 grew to new heights as a record number of students completed their time at Mines and transitioned into industry or continuing education. Regardless of their first destination, we know they find success and have an immediate positive impact.

---

\(^1\) BS, MS, and PhD grads
\(^2\) Employed in industry, government, military, continuing education, or international students returning to their home countries.
\(^3\) BS and MS grads
\(^4\) BS and MS grads
UNDERGRADUATE OUTCOMES

The following data includes information for undergraduate students who graduated in August 2021, December 2021, and May 2022. Mines is proud to provide outreach and support to 100% of students prior to graduation and for two years after graduation.

1,185 BS Graduates

64% of BS Grads Accepted Jobs in Colorado

92% Positive BS Outcomes

Included in "positive outcomes" numbers are graduates committed to their first destination, including jobs in industry, government, military, and those who are going to graduate school, as well as international students returning to their home countries. Non-responsive or self-reported “not looking” graduates are removed from reported data and presented separately. Students are coded as non-responsive after five outreach attempts, no known activity with the Career Center, and/or by request of the student. Data is collected for 6 months following graduation.

JOBS ACCEPTED BY LOCATION**

UNDERGRADUATE OUTCOMES BY MAJOR†

<table>
<thead>
<tr>
<th>Department</th>
<th>Low Salary</th>
<th>Average Salary</th>
<th>Median Salary</th>
<th>High Salary</th>
<th>Positive Outcomes</th>
<th>Graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Mathematics &amp; Statistics</td>
<td>$30.8K</td>
<td>$69.5K</td>
<td>$70.0K</td>
<td>$120.0K</td>
<td>95%</td>
<td>40</td>
</tr>
<tr>
<td>Biochemistry</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>100%</td>
<td>7</td>
</tr>
<tr>
<td>Chemical Engineering</td>
<td>$39.0K</td>
<td>$72.2K</td>
<td>$72.8K</td>
<td>$150.0K</td>
<td>90%</td>
<td>155</td>
</tr>
<tr>
<td>Chemistry</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>82%</td>
<td>11</td>
</tr>
<tr>
<td>Civil Engineering</td>
<td>$60.0K</td>
<td>$69.7K</td>
<td>$69.5K</td>
<td>$100.0K</td>
<td>96%</td>
<td>81</td>
</tr>
<tr>
<td>Computer Science</td>
<td>$50.0K</td>
<td>$91.2K</td>
<td>$85.0K</td>
<td>$177.5K</td>
<td>94%</td>
<td>202</td>
</tr>
<tr>
<td>Economics</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>100%</td>
<td>3</td>
</tr>
<tr>
<td>Electrical Engineering</td>
<td>$55.0K</td>
<td>$77.5K</td>
<td>$74.0K</td>
<td>$120.0K</td>
<td>98%</td>
<td>94</td>
</tr>
<tr>
<td>Engineering</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>100%</td>
<td>3</td>
</tr>
<tr>
<td>Engineering Physics</td>
<td>$50.0K</td>
<td>$74.7K</td>
<td>$79.3K</td>
<td>$96.0K</td>
<td>95%</td>
<td>40</td>
</tr>
<tr>
<td>Environmental Engineering</td>
<td>$52.8K</td>
<td>$86.3K</td>
<td>$70.2K</td>
<td>$99.0K</td>
<td>93%</td>
<td>31</td>
</tr>
<tr>
<td>Geological Engineering</td>
<td>$38.4K</td>
<td>$74.4K</td>
<td>$65.5K</td>
<td>$76.0K</td>
<td>93%</td>
<td>44</td>
</tr>
<tr>
<td>Geophysical Engineering</td>
<td>$41.6K</td>
<td>$74.5K</td>
<td>$72.8K</td>
<td>$80.0K</td>
<td>95%</td>
<td>28</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>$42.0K</td>
<td>$72.3K</td>
<td>$72.5K</td>
<td>$80.0K</td>
<td>93%</td>
<td>205</td>
</tr>
<tr>
<td>Metallurgical &amp; Materials Engineering</td>
<td>$65.0K</td>
<td>$76.5K</td>
<td>$76.5K</td>
<td>$92.3K</td>
<td>100%</td>
<td>20</td>
</tr>
<tr>
<td>Mining Engineering</td>
<td>$65.0K</td>
<td>$76.5K</td>
<td>$76.5K</td>
<td>$92.3K</td>
<td>100%</td>
<td>20</td>
</tr>
<tr>
<td>Petroleum Engineering</td>
<td>$36.0K</td>
<td>$75.3K</td>
<td>$75.3K</td>
<td>$80.0K</td>
<td>100%</td>
<td>87</td>
</tr>
<tr>
<td>BS Overall</td>
<td>$30.8K</td>
<td>$75.9K</td>
<td>$74.0K</td>
<td>$117.5K</td>
<td>92%</td>
<td>1,185</td>
</tr>
</tbody>
</table>

† The Career Center coordinates with Institutional Research (IR) at Mines. Detailed outcome and salary data is available through Tableau/IR for tailored, accessible reports for the Mines community.

* Salary statistics are coded as N/A when 3 or less students report salary data for the full-time employed category of a respective major to maintain confidentiality for graduates. Data collected from these graduates is incorporated in overall calculations. International students returning to home countries are also removed.

Data Collection Rate 94%
**Undergraduate Outcomes**

**Jobs Accepted by Industry**

- **Aerospace • Defense • Aviation - 17%**
- **Civil • Construction & Building Trades - 16%**
- **Tech • Information Technology - 13%**
- **Energy—Oil & Gas - 14%**
- **Manufacturing • Machinery • Equipment - 8%**
- **Mining - 4%**
- **Consulting - 7%**
- **Environmental Resources • Water - 1%**
- **Healthcare • Medical Equipment - 2%**
- **Government • Public Sector - 3%**
- **Electronics • Electrical Components - 4%**
- **Finance • Financial Services • Investment • Insurance - 2%**
- **Law • Legal - 1%**
- **Retail • Wholesale - 1%**
- **Utilities • Power - 1%**
- **Chemicals - 1%**
- **Banking • Investment • Accounting - <1%**
- **Transportation & Logistics - <1%**
- **Energy—Alternative • Renewable - <1%**
- **Entrepreneurial • Start Up - <1%**
- **Biotech • BioEng • Pharmaceuticals - 1%**
- **Finance • Financial Services • Investment • Insurance - 2%**
- **Aerospace • Defense • Aviation - 17%**
- **Civil • Construction & Building Trades - 16%**
- **Tech • Information Technology - 13%**
- **Energy—Oil & Gas - 14%**
- **Manufacturing • Machinery • Equipment - 8%**
- **Mining - 4%**
- **Consulting - 7%**
- **Environmental Resources • Water - 1%**
- **Healthcare • Medical Equipment - 2%**
- **Government • Public Sector - 3%**
- **Electronics • Electrical Components - 4%**
- **Finance • Financial Services • Investment • Insurance - 2%**
- **Law • Legal - 1%**
- **Retail • Wholesale - 1%**
- **Utilities • Power - 1%**
- **Chemicals - 1%**
- **Banking • Investment • Accounting - <1%**
- **Transportation & Logistics - <1%**
- **Energy—Alternative • Renewable - <1%**
- **Entrepreneurial • Start Up - <1%**
- **Biotech • BioEng • Pharmaceuticals - 1%**

---

**18-Month Update for BS Class of 2020-2021**

Not every student graduates with a secured next step. The Career Center tracks job search progress for students for 18-months after 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** | Positive Outcomes 6 months after graduation | Positive Outcomes 18 months after graduation
---|---|---
2020-2021 | 92% | 95%
2019-2020 | 95% | 98%
2018-2019 | 94% | 98%

---

**Orediggers Were Accepted at These Grad Schools:**

- Auburn University
- Boston University
- Colorado Film School
- Colorado School of Mines
- Colorado State University
- Delft University of Technology
- Georgia Institute of Technology
- Imperial College London
- Johns Hopkins University
- King Abdullah University of Science & Technology
- Newcastle University
- Northwestern University
- Oregon State University
- Purdue University
- Rice University
- Stanford University
- University of California, Berkeley
- University of Colorado Denver
- University of Denver
- University of Florida
- University of Missouri
- University of Northern Colorado
- University of Oregon
- University of Texas at Austin
- Vanderbilt University

**82% BS Graduates that Pursued Graduate School did so at Mines**

**95% Positive Outcome Rate for BS Graduates**

Up from **92%** at time of graduation
UNDERGRADUATE EXPERIENTIAL LEARNING

INTERNSHIP AND TECHNICAL EXPERIENCE FOR 2021-2022 GRADUATES

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

2021-2022 experienced an increase in internships and technical experiences as we rebounded from the effects of the pandemic—818 students graduated with documented, relevant technical work or research experience across 38 states and 8 countries.

69%

BS Students Graduated with Technical Work Experience

412

Partnering Organizations

SUMMER 2022 INTERNSHIPS

Average hourly salaries for the 747 internships reported for Summer 2022 ranged from $16.02 per hour to $37.40 per hour, with an average of $22.05 per hour. More details can be found online at mines.edu/careers.

$22.05/HR Average Internship Salary

BS TECHNICAL EXPERIENCE BY LOCATION

38 U.S. States

+ 8 Countries

EXPERIENCE BY TYPE AND YEAR CLASSIFICATION

<table>
<thead>
<tr>
<th>Type</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internship</td>
<td>75.9%</td>
</tr>
<tr>
<td>Co-op</td>
<td>5%</td>
</tr>
<tr>
<td>Research</td>
<td>23.6%</td>
</tr>
<tr>
<td>Grad Student</td>
<td>20.4%</td>
</tr>
<tr>
<td>Sophomore</td>
<td>13.5%</td>
</tr>
<tr>
<td>First Year</td>
<td>4.9%</td>
</tr>
<tr>
<td>Junior</td>
<td>31.1%</td>
</tr>
<tr>
<td>Senior</td>
<td>30.1%</td>
</tr>
</tbody>
</table>

1 As reported by 2021-2022 graduates about their internship and technical experience while undergraduate students at Mines.
“THE COMMUNITY HERE IS A COMMUNITY THAT WILL HELP EACH OTHER OUT AND WANTS TO SEE OTHERS SUCCEED. MINES IS REALLY TOUGH...BUT IT IS SO WORTH IT. I KNOW THAT THE ELECTRICAL ENGINEERING EDUCATION I’LL GET FROM MINES IS ONE OF THE BEST IN THE WORLD, AND EVEN THOUGH IT MIGHT BE ONE OF THE HARDEST THINGS I DO, IT WILL SET ME UP FOR SUCCESS.”

Internships at Baker Hughes and Nevada Gold Mines

JORDAN WEBER
Electrical Engineering, minors in Computer Science and Applied Math
BS, 2024
The following data includes information for MS students who graduated in August 2021, December 2021, and May 2022. Mines is proud to provide outreach and support to 100% of students prior to graduation and for two years after graduation.

MS OUTCOMES

92% Positive MS Outcomes

480 MS Graduates

JOBS ACCEPTED BY LOCATION**

67% MS Grads Accepted Jobs in Colorado

97% Data Collection Rate

MS OUTCOMES BY MAJOR*

<table>
<thead>
<tr>
<th>Department</th>
<th>Low Salary</th>
<th>Average Salary</th>
<th>Median Salary</th>
<th>High Salary</th>
<th>Outcomes</th>
<th>Graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Energy Systems</td>
<td>$60.0K</td>
<td>$95.5K</td>
<td>$100.0K</td>
<td>$140.0K</td>
<td>100%</td>
<td>15</td>
</tr>
<tr>
<td>Advanced Manufacturing</td>
<td>$77.3K</td>
<td>$85.3K</td>
<td>$85.0K</td>
<td>$93.0K</td>
<td>86%</td>
<td>8</td>
</tr>
<tr>
<td>Applied Mathematics &amp; Statistics</td>
<td>$48.0K</td>
<td>$61.0K</td>
<td>$60.0K</td>
<td>$75.0K</td>
<td>92%</td>
<td>12</td>
</tr>
<tr>
<td>Applied Physics</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>100%</td>
<td>6</td>
</tr>
<tr>
<td>Chemical Engineering</td>
<td>$75.0K</td>
<td>$96.4K</td>
<td>$95.0K</td>
<td>$110.0K</td>
<td>94%</td>
<td>19</td>
</tr>
<tr>
<td>Chemistry</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>67%</td>
<td>3</td>
</tr>
<tr>
<td>Civil &amp; Environmental Engineering</td>
<td>$55.0K</td>
<td>$72.5K</td>
<td>$69.3K</td>
<td>$101.9K</td>
<td>91%</td>
<td>32</td>
</tr>
<tr>
<td>Computer Science</td>
<td>$45.0K</td>
<td>$95.4K</td>
<td>$95.0K</td>
<td>$144.0K</td>
<td>89%</td>
<td>48</td>
</tr>
<tr>
<td>Data Science</td>
<td>$70.0K</td>
<td>$102.9K</td>
<td>$105.0K</td>
<td>$160.0K</td>
<td>86%</td>
<td>21</td>
</tr>
<tr>
<td>Electrical Engineering</td>
<td>$65.0K</td>
<td>$93.8K</td>
<td>$92.9K</td>
<td>$130.0K</td>
<td>100%</td>
<td>21</td>
</tr>
<tr>
<td>Engineering &amp; Technology Management</td>
<td>$68.0K</td>
<td>$94.4K</td>
<td>$87.5K</td>
<td>$150.0K</td>
<td>89%</td>
<td>39</td>
</tr>
<tr>
<td>Environmental Engineering Science</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>100%</td>
<td>3</td>
</tr>
<tr>
<td>Geological Engineering</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>100%</td>
<td>4</td>
</tr>
<tr>
<td>Geology</td>
<td>$69.0K</td>
<td>$75.7K</td>
<td>$76.5K</td>
<td>$85.0K</td>
<td>100%</td>
<td>16</td>
</tr>
<tr>
<td>Geophysical Engineering</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>75%</td>
<td>5</td>
</tr>
<tr>
<td>Geophysics</td>
<td>$52.0K</td>
<td>$75.2K</td>
<td>$75.0K</td>
<td>$98.7K</td>
<td>100%</td>
<td>11</td>
</tr>
<tr>
<td>GIS &amp; Geoinformatics</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>100%</td>
<td>1</td>
</tr>
<tr>
<td>Humanitarian Engineering &amp; Science</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>71%</td>
<td>7</td>
</tr>
<tr>
<td>Hydrology</td>
<td>$46.0K</td>
<td>$65.2K</td>
<td>$67.5K</td>
<td>$75.0K</td>
<td>94%</td>
<td>16</td>
</tr>
<tr>
<td>Materials Science</td>
<td>$65.0K</td>
<td>$106.5K</td>
<td>$108.0K</td>
<td>$145.0K</td>
<td>73%</td>
<td>18</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>$50.0K</td>
<td>$87.7K</td>
<td>$85.0K</td>
<td>$115.0K</td>
<td>90%</td>
<td>46</td>
</tr>
<tr>
<td>Metallurgical &amp; Materials Engineering</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>100%</td>
<td>11</td>
</tr>
<tr>
<td>Mineral &amp; Energy Economics</td>
<td>$75.0K</td>
<td>$105.8K</td>
<td>$101.3K</td>
<td>$140.0K</td>
<td>100%</td>
<td>25</td>
</tr>
<tr>
<td>Mining &amp; Earth Systems Engineering</td>
<td>$60.0K</td>
<td>$70.3K</td>
<td>$70.0K</td>
<td>$81.0K</td>
<td>100%</td>
<td>12</td>
</tr>
<tr>
<td>Natural Resources &amp; Energy Policy</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>83%</td>
<td>13</td>
</tr>
<tr>
<td>Operations Research with Engineering</td>
<td>$89.0K</td>
<td>$101.0K</td>
<td>$95.0K</td>
<td>$120.0K</td>
<td>100%</td>
<td>4</td>
</tr>
<tr>
<td>Petroleum Engineering</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>100%</td>
<td>12</td>
</tr>
<tr>
<td>Quantitative Biosciences &amp; Engineering</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>56%</td>
<td>9</td>
</tr>
<tr>
<td>Quantum Engineering</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>100%</td>
<td>6</td>
</tr>
<tr>
<td>Robotics</td>
<td>$50.0K</td>
<td>$79.7K</td>
<td>$81.2K</td>
<td>$96.0K</td>
<td>85%</td>
<td>13</td>
</tr>
<tr>
<td>Space Resources</td>
<td>$50.0K</td>
<td>$125.9K</td>
<td>$90.0K</td>
<td>$430.0K</td>
<td>100%</td>
<td>23</td>
</tr>
<tr>
<td>Underground Construction &amp; Tunnel Engineering</td>
<td>$73.0K</td>
<td>$77.0K</td>
<td>$78.0K</td>
<td>$80.0K</td>
<td>100%</td>
<td>6</td>
</tr>
<tr>
<td>Masters Overall</td>
<td>$45.0K</td>
<td>$89.7K</td>
<td>$85.0K</td>
<td>$430.0K</td>
<td>92%</td>
<td>480</td>
</tr>
</tbody>
</table>

---

1 See bottom of page 9 for information on data collection and outcome calculations.

* Salary statistics are coded as N/A when 3 or less students report salary data for the full-time employed category of a respective major to maintain confidentiality for graduates. Data collected from these graduates is incorporated in overall calculations. International students returning to home countries are also removed.

**97% data collection rate
Not every student graduates with a secured next step. The Career Center tracks job search progress for students for 18-months after 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

<table>
<thead>
<tr>
<th>Graduation Year</th>
<th>Positive Outcomes 6 months after graduation</th>
<th>Positive Outcomes 18 months after graduation</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020-2021</td>
<td>92%</td>
<td>94%</td>
</tr>
<tr>
<td>2019-2020</td>
<td>96%</td>
<td>98%</td>
</tr>
<tr>
<td>2018-2019</td>
<td>97%</td>
<td>100%</td>
</tr>
</tbody>
</table>
The following data includes information for PhD students who graduated in August 2021, December 2021, and May 2022. Mines is proud to provide outreach and support to 100% of students prior to graduation and for two years after graduation.

### PhD OUTCOMES

![Graph showing PhD graduates by year]

**124 PhD Graduates**

### PhD OUTCOMES BY MAJOR

<table>
<thead>
<tr>
<th>Department</th>
<th>Low Salary</th>
<th>Average Salary</th>
<th>Median Salary</th>
<th>High Salary</th>
<th>Positive Outcomes</th>
<th>Graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Energy Systems</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>100%</td>
<td>1</td>
</tr>
<tr>
<td>Applied Chemistry</td>
<td>$48.0K</td>
<td>$72.6K</td>
<td>$65.0K</td>
<td>$110.0K</td>
<td>100%</td>
<td>10</td>
</tr>
<tr>
<td>Applied Mathematics &amp; Statistics</td>
<td>$65.0K</td>
<td>$71.7K</td>
<td>$65.0K</td>
<td>$85.0K</td>
<td>100%</td>
<td>4</td>
</tr>
<tr>
<td>Applied Physics</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>100%</td>
<td>4</td>
</tr>
<tr>
<td>Chemical Engineering</td>
<td>$40.0K</td>
<td>$97.6K</td>
<td>$110.0K</td>
<td>$130.0K</td>
<td>89%</td>
<td>9</td>
</tr>
<tr>
<td>Civil &amp; Environmental Engineering</td>
<td>$40.0K</td>
<td>$72.4K</td>
<td>$85.0K</td>
<td>$100.0K</td>
<td>100%</td>
<td>7</td>
</tr>
<tr>
<td>Computer Science</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>100%</td>
<td>6</td>
</tr>
<tr>
<td>Electrical Engineering</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>100%</td>
<td>3</td>
</tr>
<tr>
<td>Environmental Engineering Science</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>100%</td>
<td>3</td>
</tr>
<tr>
<td>Geological Engineering</td>
<td>$72.8K</td>
<td>$78.6K</td>
<td>$78.0K</td>
<td>$85.0K</td>
<td>100%</td>
<td>4</td>
</tr>
<tr>
<td>Geology</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>100%</td>
<td>7</td>
</tr>
<tr>
<td>Geophysics</td>
<td>$70.9K</td>
<td>$119.5K</td>
<td>$118.5K</td>
<td>$170.0K</td>
<td>100%</td>
<td>8</td>
</tr>
<tr>
<td>Hydrology</td>
<td>$47.5K</td>
<td>$50.8K</td>
<td>$50.0K</td>
<td>$55.0K</td>
<td>100%</td>
<td>5</td>
</tr>
<tr>
<td>Materials Science</td>
<td>$72.0K</td>
<td>$90.8K</td>
<td>$85.7K</td>
<td>$130.0K</td>
<td>93%</td>
<td>14</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>$52.0K</td>
<td>$66.4K</td>
<td>$62.8K</td>
<td>$85.0K</td>
<td>100%</td>
<td>9</td>
</tr>
<tr>
<td>Metallurgical &amp; Materials Engineering</td>
<td>$54.0K</td>
<td>$90.9K</td>
<td>$95.4K</td>
<td>$125.0K</td>
<td>100%</td>
<td>15</td>
</tr>
<tr>
<td>Nuclear Engineering</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>100%</td>
<td>1</td>
</tr>
<tr>
<td>Operations Research</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>100%</td>
<td>1</td>
</tr>
<tr>
<td>Petroleum Engineering</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>100%</td>
<td>8</td>
</tr>
<tr>
<td>Physics</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>100%</td>
<td>2</td>
</tr>
<tr>
<td>Quantitative Biosciences &amp; Engineering</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>100%</td>
<td>1</td>
</tr>
<tr>
<td>Space Resources</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>100%</td>
<td>1</td>
</tr>
<tr>
<td>Underground Construction &amp; Tunnel Engineering</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>N/A*</td>
<td>100%</td>
<td>1</td>
</tr>
<tr>
<td><strong>PhD Overall</strong></td>
<td>$40.0K</td>
<td>$89.0K</td>
<td>$85.0K</td>
<td>$200.0K</td>
<td>98%</td>
<td>124</td>
</tr>
</tbody>
</table>

1 See bottom of page 9 for information on data collection and outcome calculations.

**100% data collection rate**

Salary statistics are coded as N/A when 3 or less students report salary data for the full-time employed category of a respective major to maintain confidentiality for graduates. Data collected from these graduates is incorporated in overall calculations. International students returning to home countries are also removed.

**124 PhD Graduates**

Data Collection Rate
JOBS ACCEPTED BY INDUSTRY

Education • Instruction • Administration - 32%
Government • Public Sector - 19%
Environmental Resources • Water - 10%
Civil • Construction • Building Trades - 7%
Energy • Oil & Gas - 7%
Tech • Information Technology - 7%
Metals - 7%
Aerospace • Defense • Aviation - 3%
Consulting - 3%
Automotive - 3%
Chemicals - 3%

18-MONTH UPDATE FOR PhD CLASS OF 2020-2021

Not every student graduates with a secured next step. The Career Center tracks job search progress for students for 18-months after 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

<table>
<thead>
<tr>
<th>Graduation Year</th>
<th>Positive Outcomes 6 months after graduation</th>
<th>Positive Outcomes 18 months after graduation</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020-2021</td>
<td>96%</td>
<td>98%</td>
</tr>
<tr>
<td>2019-2020</td>
<td>99%</td>
<td>100%</td>
</tr>
<tr>
<td>2018-2019</td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>

“SUCCEEDING IN A MALE-DOMINATED PROGRAM LIKE UNDERGROUND CONSTRUCTION AND TUNNELING IS A WAY TO SERVE AS A ROLE MODEL TO ENCOURAGE YOUNG GIRLS AND WOMEN TO ENTER STEM AND CHANGE THE WORLD.”

MARYAM ALAHMAR
Civil Engineering, PhD, 2022

Tunnel Engineer at Aldea
ADVANCING DIVERSITY, EQUITY, AND INCLUSION

The Mines Career Center is dedicated to advancing diversity, inclusion, and access on campus to meet the needs of students representing various identities, backgrounds and experiences. 75% of the Mines students reported feeling welcomed in the Career Center as part of an annual survey to assess career services, events, and general engagement.

The following list is a brief overview of activities the Mines Career Center has led or participated in during this year to expand our knowledge and advocate for students:

• Workshops in partnership with the International Office to support job seeking international students.

• Training in digital accessibility best practices to ensure content like our newsletter, email marketing, slide decks, and other educational materials can be widely accessible for all.

• Submission of content to Real Talk emails on “Challenging the Concept of ‘Fit’ In Hiring”, and “Rethinking Professionalism”.

• Internal staff training materials on supporting LGBTQIA+ identifying students in their job search and career development.

• Hosted a workshop on Disability Disclosure and Accommodation Requests in the Workplace, in collaboration with Mines Disability Support Services and the Colorado Department of Vocational Rehabilitation.

• Partnership with the Canadian Embassy to highlight the Express Entry program and the Embassy of Australia for a webinar on Australia’s Global Talent Visa Program. 77 students participated, indicating continued interest of Mines students to take their education globally.

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, thoughts, and experiences. As Colorado School of Mines prepares for our 150th anniversary in 2024, dynamic change is all around us. We must navigate an increasingly competitive higher education landscape, respond to the changing education and innovation needs of industry and society, and not be complacent from current and past 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 faculty and staff
• Cultivate a campus culture that promotes and celebrates inclusion and achievement
• Inspire a shared responsibility, participation, and accountability for diversity, inclusion & access efforts across the entire Mines community

In response to the social and political landscape brought in 2020, three additional strategic priorities were added:

• Recognition that representation matters
• Elevate acknowledgment and rewards to underrepresented populations
• Cultivate campus bystanders and allies

OUTCOMES ACROSS THE MINES COMMUNITY

<table>
<thead>
<tr>
<th>Group</th>
<th>Positive Outcomes</th>
<th>Average Salary</th>
<th>Career Center Engagement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>94%</td>
<td>$76.5K</td>
<td>56%</td>
</tr>
<tr>
<td>Male</td>
<td>92%</td>
<td>$82.9K</td>
<td>55%</td>
</tr>
<tr>
<td>Underrepresented Racial &amp; Ethnic Groups</td>
<td>94%</td>
<td>$81.7K</td>
<td>59%</td>
</tr>
<tr>
<td>Caucasian or White</td>
<td>92%</td>
<td>$80.8K</td>
<td>54%</td>
</tr>
<tr>
<td>Overall BS, MS, PhD</td>
<td>93%</td>
<td>$81.0K</td>
<td>55%</td>
</tr>
</tbody>
</table>

1 Data is not available for gender not specified or other genders.
“MY ADVICE IS TO WORK HARD AND MAKE FRIENDS WHO CAN HELP YOU ACADEMICALLY BUT ALSO WHO ARE DIFFERENT THAN YOU. I LOVED GETTING INTERNSHIP OPPORTUNITIES IN LOCATIONS I HAD NEVER BEEN AND JUST BEING ABLE TO EXPLORE NEW AREAS AROUND THE US AND MAKE FRIENDS WITH THE INTERNS FROM OTHER SCHOOLS.”

Internships at ConocoPhillips and Tesla, Controls Engineer at LSI

MARYCATHERINE MORGAN
Mechanical Engineering
BS, 2021
CAREER CENTER SERVICES

CAREER PANELS
In the 2021/2022 academic year, the Career Center hosted 8 career panels designed to provide students with information related to industry, graduate school, and their various career paths. Career panel topics included Careers in Alternative Engineering, BioScience, Civil Engineering, Computer Science, and Renewable Energy, as well as the Graduate Student Experience, Living and Working Abroad, and Speedy Impact—Start Ups.

Highlights include the highly-successful Renewable Energy Panel & Networking Event, which boasted over 80 student, staff, and faculty participants. In collaboration with Natural Resources & Energy Policy Program, event format included a panel that described careers in various sectors and then a networking portion between students and a larger group of companies with internship and job opportunities.

Overall, 350 total students participated in the 2021/2022 career panels.

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 guidelines on transitioning into a career, building career and life success after graduation, progressing to the next move, and making a positive impact in their chosen profession.

Seven sections of CSM 250 were taught: three in the Fall semester and four in the Spring semester, with a total enrollment of 149 students.

STUDENT ENGAGEMENT/CAREER ADVISING
• More than 1,000 individual student appointments were held to support job search strategies, resume and cover letter reviews, interview practice, contract reviews and negotiation, and career exploration. 40% of these meetings were held on virtual platforms, showing a continued interest of students for virtual meetings in post-pandemic times.
• The Career Center provided workshops and rapid resume reviews to all Mines students and special student groups like SRSE, Tau Beta Pi, SASE, and SWE. The Career Center also provided targeted drop-in hours partnering with the Multicultural Engineering Program and Disability Support Services before the Career Day.
• Career Center staff provided professional development to various academic department field sessions and courses, each with tailored major advisement and resources. Staff collaborated with the Physics, Petroleum Engineering, and Economics departments. 128 students were reached through these sessions.

• 4,864 students and recent graduates used career services an average of 2 times.
• In the 2021/2022 academic year, 53 workshops and rapid resume reviews were conducted to assist undergraduate and graduate students and alumni with Career Day preparations, as well as students’ job and internship searches. Topics included Resume and Cover Letter Writing, Proactive Job Search Strategies, Interviewing Skills, Building Your Network, Graduate School Preparation, and more. The Career Center also partnered with the Counseling Center and provided a Career Day Jitters workshop to address the psychological preparation of Career Day.
• Career Center team members partnered with Admissions for programs targeting prospective students and presented at Discover Mines, Preview, and Launch.

350 Career Panel Participants

53 Workshops
The Mines Career Center presents a more diverse portfolio of opportunities to students who, themselves, are more diverse in their education, interests, and experiences. These offerings align with the tenets of Mines@150. 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 enhance career preparation and readiness
- Continuously expanded portfolio of employers and 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
- Expanded campus collaboration for industry and academic departmental engagement

Tools for Engineering Your Career: The Mines Strategy

This career manual provides a resource for students to gain tips and strategies to use in their career exploration and job search, including sample resumes and cover letters, instruction on interviewing, and salary negotiation techniques. This edition has updated content with new resume samples. It is available in print and online at careers.mines.edu.

Student Employment/On-Campus Jobs

- On campus jobs: 174 jobs posted, with 52 departments posting jobs
- Student Assistants Job Fair:
  - Attending Departments: 20 in Fall 2021, 17 in Spring 2022
  - Students Attending: 239 students attended in Fall 2021, 28 students attended in Spring 2022
The 2021-2022 academic year saw an incredible amount of employer activity at Mines. The return of on-campus, in-person recruiting and the continued use of virtual recruiting opportunities gave employers more access to Mines students than ever before. The Career Center team, along with our employer partners, were able to create engagement opportunities based on what worked best for our students and employers, no longer limited by distance or event space restrictions. Mines hosted in-person and virtual Career Days, a record number of in-person and virtual Career Panels, and the return of on-campus interviews. These changes resulted in a recruiting environment at Mines that was more accessible than ever.

**RECRUITING AT MINES**

- **1,312** Organizations Recruited or Hired at Mines
- **3,360** Jobs Posted on DiggerNet
- **1,340** Internships/Co-ops Posted
- **69%** Students Obtained Internships or Technical Experience
To meet the needs of employers and students, in a changing world where virtual meetings have become more widely used in recruiting efforts, Mines was able to offer hybrid in-person and virtual events throughout the year. There were separate in-person and virtual career days each semester utilizing the Career Fair Plus platform. This hybrid format brought employers back to campus and online, and revitalized recruiting to pre-COVID numbers as employers had the option of engaging face-to-face in-person with students or using advanced technology to maintain safe distances and recruit with minimal restraint from travel or health restrictions.

**INDUSTRIES REPRESENTED AT CAREER DAY**

<table>
<thead>
<tr>
<th>Industry</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerospace • Defense</td>
<td>6%</td>
</tr>
<tr>
<td>Electronics • Electrical</td>
<td>3%</td>
</tr>
<tr>
<td>Environmental Resources</td>
<td></td>
</tr>
<tr>
<td>- Water</td>
<td>3%</td>
</tr>
<tr>
<td>- Nonprofit • Power</td>
<td>1%</td>
</tr>
<tr>
<td>Finance • Financial Services • Investment • Insurance</td>
<td>1%</td>
</tr>
<tr>
<td>Utilities (Public &amp; Private)</td>
<td>1%</td>
</tr>
<tr>
<td>Automotive</td>
<td>1%</td>
</tr>
<tr>
<td>Banking • Accounting</td>
<td>1%</td>
</tr>
<tr>
<td>Legal • Law</td>
<td>1%</td>
</tr>
<tr>
<td>Military</td>
<td>1%</td>
</tr>
<tr>
<td>Transportation &amp; Logistics</td>
<td>1%</td>
</tr>
<tr>
<td>Chemicals</td>
<td>1%</td>
</tr>
<tr>
<td>Biotech • Bioengineering • Pharmacueticals</td>
<td>2%</td>
</tr>
<tr>
<td>Metals</td>
<td>1%</td>
</tr>
<tr>
<td>Energy</td>
<td>1%</td>
</tr>
<tr>
<td>Technology</td>
<td>1%</td>
</tr>
<tr>
<td>Electrical Components</td>
<td>1%</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>1%</td>
</tr>
<tr>
<td>Government • Public Sector</td>
<td>1%</td>
</tr>
<tr>
<td>Manufacturing • Machinery • Equipment</td>
<td>1%</td>
</tr>
<tr>
<td>High Tech • Information Technology</td>
<td>1%</td>
</tr>
<tr>
<td>Civil • Construction &amp; Building Trains</td>
<td>26%</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>7%</td>
</tr>
<tr>
<td>Energy • Oil &amp; Gas</td>
<td>8%</td>
</tr>
<tr>
<td>Consulting</td>
<td>8%</td>
</tr>
<tr>
<td>Aerospace • Defense</td>
<td>6%</td>
</tr>
<tr>
<td>Electronics • Electrical</td>
<td>3%</td>
</tr>
<tr>
<td>Environmental Resources</td>
<td>3%</td>
</tr>
<tr>
<td>- Water</td>
<td>3%</td>
</tr>
<tr>
<td>- Nonprofit • Power</td>
<td>1%</td>
</tr>
<tr>
<td>Finance • Financial Services • Investment • Insurance</td>
<td>1%</td>
</tr>
<tr>
<td>Utilities (Public &amp; Private)</td>
<td>1%</td>
</tr>
<tr>
<td>Automotive</td>
<td>1%</td>
</tr>
<tr>
<td>Banking • Accounting</td>
<td>1%</td>
</tr>
<tr>
<td>Legal • Law</td>
<td>1%</td>
</tr>
<tr>
<td>Military</td>
<td>1%</td>
</tr>
<tr>
<td>Transportation &amp; Logistics</td>
<td>1%</td>
</tr>
<tr>
<td>Chemicals</td>
<td>1%</td>
</tr>
<tr>
<td>Biotech • Bioengineering • Pharmacueticals</td>
<td>2%</td>
</tr>
<tr>
<td>Metals</td>
<td>1%</td>
</tr>
<tr>
<td>Energy</td>
<td>1%</td>
</tr>
<tr>
<td>Technology</td>
<td>1%</td>
</tr>
<tr>
<td>Electrical Components</td>
<td>1%</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>7%</td>
</tr>
<tr>
<td>Government • Public Sector</td>
<td>7%</td>
</tr>
<tr>
<td>Manufacturing • Machinery • Equipment</td>
<td>7%</td>
</tr>
<tr>
<td>High Tech • Information Technology</td>
<td>10%</td>
</tr>
<tr>
<td>Civil • Construction &amp; Building Trains</td>
<td>26%</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>7%</td>
</tr>
<tr>
<td>Energy • Oil &amp; Gas</td>
<td>8%</td>
</tr>
<tr>
<td>Consulting</td>
<td>8%</td>
</tr>
</tbody>
</table>

**CAREER DAY**

3,800+ Participating Students

**EMPLOYERS ATTENDING CAREER DAY (FALL + SPRING)**

**WIRED! PREP WITH REPS**

WIRED! Prep with Reps is a signature Mines event to support students in their preparation for Career Day. In the Fall and Spring, employers met with students and provided valuable feedback and advice on resumes and elevator pitches. The Mines Career Center continues to champion student professional development and employer connections through the WIRED! Prep with Reps event.

- **Fall 2021 WIRED! event** was held both virtually and in person, with 15 employers registered for the in-person event, and 15 employers for the virtual event. 248 students attended in person and 71 attended virtually.
- **Spring 2022 WIRED! event** was held in person, with 21 employers in attendance providing resume reviews and career advice. 267 students attended.

**Fall WIRED! Comparisons**

<table>
<thead>
<tr>
<th>Year</th>
<th>Employers</th>
<th>Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 2021</td>
<td>30</td>
<td>319</td>
</tr>
<tr>
<td>Fall 2020</td>
<td>16</td>
<td>111</td>
</tr>
<tr>
<td>Fall 2019</td>
<td>31</td>
<td>295</td>
</tr>
</tbody>
</table>

**Spring WIRED! Comparisons**

<table>
<thead>
<tr>
<th>Year</th>
<th>Employers</th>
<th>Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring 2022</td>
<td>21</td>
<td>267</td>
</tr>
<tr>
<td>Spring 2021</td>
<td>19</td>
<td>173</td>
</tr>
<tr>
<td>Spring 2020</td>
<td>23</td>
<td>96</td>
</tr>
</tbody>
</table>

* COVID-19 pandemic impacts employer recruiting beginning Spring 2020

** Includes duplicate employers who attended both Fall and Spring Career Day

There are a number of additional events around Career Days that the Career Center supports, 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, along with numerous other employer engagement activities.
The previous year provided insight into the need for virtual recruiting platforms to supplement Career Days. As such, the Career Center implemented Career Fair Plus as both the virtual booth map and employer guide, for the In-Person Career Day, as well as the hosting platform for the Virtual Career Day. Using this technology allowed students to quickly and easily look up participating companies, select links to websites or job postings, and ensured students had the ability to meet with recruiters despite changing health and safety mandates. For the virtual event, recruiters created 1:1 or group meetings, giving students the option to have dedicated time to meet with companies that best fit their schedules. While there were fewer students participating in the virtual event than in the in-person, these virtual sessions allowed for more employer engagement at Mines. The platform was also used to supplement additional recruiting events such as panels and workshops.

**DIGGERNET ON-LINE CAREER MANAGEMENT SYSTEM**

**Job Postings on DiggerNet**

941 employers posted a total of 3,360 jobs on DiggerNet in 2021-2022, a 24% increase in employers posting from 2020-2021. 1,985 full-time positions were posted.

**Internship/Co-op Postings**

479 employers posted 1,341 internships and 112 co-ops. While the total number of postings were down year over year, there was a 25% increase in the number of employers posting internships and co-op opportunities.

**Student Activity**

5,075 individual students logged into DiggerNet with an average of 7 logins per student for 36,539 total logins to the platform. Students utilize DiggerNet to schedule career advising, register for events, and apply for internships, jobs, and on-campus employment.

**JOBSCAN**

The Mines Career Center offers Jobscan to Mines students and alumni as a tool to optimize their resumes, highlighting the key experience and skills recruiters need to see. It helps students navigate applicant tracking systems by sharing tips, tricks, and advice on how to create materials that are more likely to result in interviews.
“I knew I would receive a world class engineering education that would help me acquire the skills needed to create an enormous impact in the world we all share. Mines is a close campus community that values teamwork and this motivates students to work harder and communicate with their peers which is very essential in today’s society.”

Stephan Ngambi
Environmental Engineer,
US Environmental Protection Agency

World Class

Stephan Ngambi
Environmental Engineering
MS, 2022
PARTICIPATING COMPANIES

Over 1,312 organizations participated in recruiting efforts with Colorado School of Mines. The following lists all of these companies, whether hiring for jobs and internships or engaging in Career Days, info sessions, on-campus interviews, career panels, and DiggerNet postings. We thank them for their partnership.
PARTICIPATING COMPANIES

Mainhard
Malink Corporation
Manitis Technology
Maritime Midwest
Merrick & Company
MIES Mining
Mesa Labs
Metal Powder Industries Federation
Metalcraft Industries
Metro Water Recovery
Mewbourne Oil
Michael Baker International
Michels
Microchip Technology
Microsemi
Mikon
Milbank
Mile High Youth Corps
Milestone Environmental Services
Millennium Space Systems
Millostone Webber
Milwaukee Tool
MIND ID
Mindful Test Prep
Mine Vision Systems
Mission Critical Partners
Mistras Group
MKI Instruments
Molson Coors Brewing
Moltz Constructors
Momument Optics
Monarch Casino
Monolith Materials
Montana Dept. of Natural Resources
Moog
Moore Agencies of New England
Morcan
Mortgage
Motion Industries
Mount Sopris Instrument
Mountain Coal
Mountain Engineering
Mountain Minerals International
Mountain Threads
Mountain Toad Brewing
MPX Dev Group
MST Concrete
MultiGreen Properties
Murphy Companies
Musket and Trinity
Nabors Completion & Production Services
NASA
National Institute of Aging
National Institute of Standards and Technology
National Oilwell Varco
National Park Service
National Research Council
National Institute for Environmental Laboratory
National Science Foundation
National Security Agency
National Women’s Law Center
Natural Resources Consulting Engineers
Naviago Transitional Energy
Naval Air Systems Command
Naval Nuclear Laboratory
Naval Surface Warfare Center
Navarro Research and Engineering
NC Dept. of Transportation
NEI Electric Power Engineering
Nebraska Gold Mines
Nevada National Security Site
New Elk Coal
New Mexico Gas
Newmont Mining
Newworld
Nexus Controls
Niagara Bottling
Nicholson Construction
Nikon
Nikola Motor
NLMK
NASA Graduate Fellowship Program
NO Brand’s America
Nordic Analytical Laboratories
Nordstrom
Northern Oil & Gas
Northern Star Resources
Northrop Grumman
NOT Quality Tuning
Novelis
NSK Corporation
Nth Cycle
Nuclear Waste Partnership
Nucor Steel
Nuta
Nutra
Nvidia
Object Controls
Ocadu Group
Oklahoma Construction Solutions
Olka
Olson Engineering
One Energy Enterprises
Onetronics
Only Sky
Opism Health
Oracle
Oregon Tool
Orica
Oshkosh Truck Corporation
GSM Shield
Otter Products
Oxy
Overly Silver Mines
Oxidative
PA Consulting Group
Pacific Northwest National Laboratory
Pacific Structures
Pact World
PADC
Pala Investments
Pan American Energy
Parker Hannifin
Parkson Corporation
Parr
Parys Consulting
Patrick’s Response
Paul Reed Smith Guitars
Paul
PCL Construction
PCL Energy
Peabody Energy
Peaco Corporation
Pearl Harbor Naval Shipyard & HHF
PEBC Teacher Residency
PepsiCo
Performance Associates International
Performance Driven Workforce
Peterson Space Force Base
Philips
Philips & Jordan
Philips
Phoenix Tailings
Physical Electronics
Picolyl
Pigler Automation
Pind
Pinkard Construction
Piper Aircraft
Pitbull Automotives
Pitave Associates
Pintu Magnates
PJM Interconnection
Pluton
PMK Engineers
Point One USA
Polaris
Polly
POWERS Engineers
Precision Water Resources Engineering
Premier Thermal Solutions
Prep & Associates
Prime Robotics
Primaris Services
Pre-Craft Mechanical
Proctor Productions
Project Pave
Propagata Lab
ProPetro
Protiviti
Provoost & Pritchard Consulting
Prusman Group
Puente’s Abroad
Puget Sound Naval Shipyard
Pure Power Engineering
PureWest Energy
QTEC Aerospace
Quaco
Quantum Corporation
Quantum Water Consulting
Quint Group
Quint Group
Rada
Rakasinn
Rangelight
RapidAI
Rauhau Freefdenfeld & Associates
Raytheon
Redkangaroo
Redwing space
Reflex Aerospace
Regeneron
Reinforced Earth
Relaquest
Renewable Energy Systems
Reno James Engineering
Repair the World
nProx
Resource Capital Funds
Research Innovations
RESPEC
RG and Associates
RHI Magnates
Rhylite Engineering
Ricoh
RideWarp USA
Rigetti Computing
Rinson Research
Rino Tint
RJM Consultants
RKi Service
RMH Group
RMi
RMSL
Robert Bosch
Robin Healthcare
RockAuto
Rocket Software
RockSol Consulting Group
Rockwood Equity Partners
Rocky Mountain Scientific Laboratory
Rogers Group
Ruobaix Capital
RBC Companies
RSM US
RTI International
Ryan Companies
S&P Global Platts
S.A. Miro
Saddleback Exploration
Sage Education
SAIL
SailPoint Technologies
Salesforce
Samsara
Samsung Austin
Semiconductor
Samuel Engineering
Sanborn Head & Associates
Sandia National Laboratories
Sandstone Group
Sargant & Lundy
Sarkan-Klein Labs
Sashco Inc
Schafer Inc
Sahri Aramac
Salinors Construction
SBSA Engineering
Schlumberger Technology
Schnabel Engineering
Schott
Schweitzer Engineering Laboratories
SCI Engineering
Scientific Applications and Research Associates
ScribAmerica
Sea Engineering
Seagate Technology
SEAKR Engineering
Seawater Steam
Second Order Effects
Sedron Technologies
Seismic Surveys
SEMA Construction
Senius Information Systems
Senior Aerospace SSP
Sensera Systems
Seran Bioscience LLC
SGM Engineering
SGS
Shaffer Bausum Engineering & Consulting
Shaw Construction
Shoa Properties
Shell USA
Shift Markets
Shimmy Construction
SiBanye Stillwater Mining
Sibabalos
Siebert Associates
Sierra Nevada Corporation
Sierra Space
SigOpt
Signicast Investment Castings
Silicon Stem Academy
Simulations Plus
Sinton Instruments
SISU Engineering
Skanska
Skuyo
Skyworks Solutions
SLAC National Accelerator Laboratory
SLR Consulting
SLR International Corporation
SM Energy
SMi
Smarter Sorting
Smith & Nephew
Snapology of Golden
SNAP Energy
Sonapar USA
Source Communications
South Coast Air Quality Management District
Southeast Metro
Starmore Authority
Southern Adams County Water
Southern Petroleum Laboratories
SpaceNav
SpaceX
Spectra Logic
Spectrum
SPI
Spirit Environmental
SR3 Engineering
SSAB
Stahlhenn Trenchless Consultants
Stairmaster Wheelchair
Stanley Consultants
Startec Consulting
Starlight Software Solutions
State of Colorado
Steamboat Grand
Steel Storage Systems
Strategic Site Designs
Stratos
Structural Group
Structural Integrity Associates
Student Mobilization
Subsurface & Tunnel Engineering
Success Academy
Chartar Schools
Sundance
Suncor Energy USA
SunTech Consulting
SunPower Corporation
Sunset Bay Wharf
SunShare
Surfside Engineering
Sustainable Solutions
Sutor Energy USA
Sutherland
Sylvania Technology
Synthetic Applied Technologies
Synthex Chemicals
TAS Partners
T&T Associates
Tallgrass
Targa Resources
TDK Research
TEAM
Techtron Engineering
Teck Alaska
Tech Resources
Telemetry Corporation
Tenva TAKRAF USA
Terra Chem Lab
Terra Guidance
Terracon Consultants
Terumo BCT
Tesla Motors
Teurla Tach
Texas A&M University
Texas Dept. of Transportation
Texas Instruments
THARROS Technical Consultants
Thermal Technology
Thele Keadin
Thendril
Thennion Solutions
Thorslabs
Tipta
Tilt
Tinker Air Force Base Engineering
Tinting Consolidated Metals
TOPS Well Services
Torus Americas
TotalEnergies
TourGigs
Toyone Research Corporation
Trade Desk
Transamericana
Transportation Technology Center
TransVAC Systems
Travelport
Taylor Bros.
Trellisberg Sealing Solutions
Tribal One
Trifroid
Trimbille
Trinity Consultants
Tri-State Generation and Transmission
Triumph Gold Corporation
Tronox
TSA’s Partners
TAS’s Partners
Tie & Associates
Tallgrass
Targa Resources
T&D Research
TEAM
Techtron Engineering
Teck Alaska
Tech Resources
Telemetry Corporation
Tenva TAKRAF USA
Terra Chem Lab
Terra Guidance
Terracon Consultants
Terumo BCT
Tesla Motors
Teara Tach
Texas A&M University
Texas Dept. of Transportation
Texas Instruments
THARROS Technical Consultants
Thermal Technology
Thele Keadin
Thendril
Thennion Solutions
Thorslabs
Tipta
Tilt
Tinker Air Force Base Engineering
Tinting Consolidated Metals
TOPS Well Services
Torus Americas
TotalEnergies
TourGigs
Toyone Research Corporation
Trade Desk
Transamericana
Transportation Technology Center
TransVAC Systems
Travelport
Taylor Bros.
Trellisberg Sealing Solutions
Tribal One
Trifroid
Trimbille
Trinity Consultants
Tri-State Generation and Transmission
Triumph Gold Corporation
Tronox

2021–2022 Mines Career Center Annual Report
The 2021-22 Colorado School of Mines Career Center annual report was written and produced by Wendy Winter-Searcy, Director, in collaboration with Duygu Yalaz, Associate Director, with contributions from Debbie Behnfield, Employer Outreach and Recruitment Coordinator, Adriana Alba, Career Events Coordinator, Katy Armstrong, Career and Professional Development Advisor, and Jane Cain, Program Assistant. Institutional Research and Strategic Analytics provided data analysis and reporting.

YOUR SUPPORT HELPS MINES TO BUILD A NEW GENERATION OF WORLD-CLASS ENGINEERS, INNOVATORS, AND LEADERS!
All of the information provided in this annual report is available online at www.mines.edu/careers. Contact the Mines Career Center for more information, assistance, or support.