2014 - 2015
Career Center Annual Report

Mines Career Center
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Executive Summary

Each year, the Career Center at Colorado School of Mines collects data and analyzes the outcomes and recruiting activities on campus during the prior academic year. This summary outlines the highlights of graduate outcomes and campus recruiting activities from the 2014-2015 academic year. This report contains information for graduates from the 2014-2015 academic year including those who received their degrees in December 2014, May, and August of 2015.

BS and PhD graduating classes were the largest to-date, with a prior year increase as follows: BS – 3.9%, PhD – 28.1%; and a decrease of 4.4% for the MS graduates. The largest BS programs in order were Mechanical Engineering and Petroleum Engineering. In the 2014-2015 academic year, 26% of the year’s total graduates were women, with 28% BS women, 19% MS women, and 28% PhD women completing degrees.

In the 2014-2015 academic year, the Mines Career Center saw a healthy correlation between the student/graduate participation and on-campus recruiting activity. The results of this solid activity, as well as the Career Center efforts, showed in the final outcomes rates. By the end of the 2014-2015 reporting year, 87% of the BS graduates had positive outcomes, with MS/P achieving 95% positive outcomes rate and PhD graduate cohorts achieving 100% positive outcomes rate. *Included in “positive outcomes” numbers are those committed to their first destination, counting jobs in industry, government, military, and those who are going to graduate school. In addition, there are those who request to postpone searching for various personal reasons, including medical conditions, working outside of their field of study and those international students who do not report working for U.S. based companies, but return to utilize their education in their home countries.

The overall average salary offers were: BS graduates - $66,394, MS graduates - $76,253, and PhD graduates - $86,120, all a slight decrease (less than 1.6% or less) over prior year.

In 2014-2015, many regular employing organizations continued with their traditional number of recruiting activities and events. The campus broke the record for the largest Career Day in Mines history with the Fall 2014 event hosting 230 organizations, and the record for the largest Spring Career Day with 217 organizations attending the 2015 event. Student participation in the fall Career Day event has continued very strong with 3285 students, recent graduates, and alums attending in Fall 2014. There was a total of 2313 attendees in Spring 2015. This improvement is the result of both increased departmental and student outreach activities.

Although on-campus interviews during the Mines 2014-2015 academic year were lower than prior year, Mines had overall high numbers, with 3,015 on-campus interviews held in Fall 2014 (compared to 3,459 in Fall 2013) and 992 on-campus interviews held in Spring 2015 (compared to 1,143 in Spring 2014), for a total of 4,007. The decrease was due to the lower oil and gas prices. Companies were still hiring, but for a reduced number of graduates. We have increased and diversified the Career Center marketing efforts.
The campus hosted a total of 124 company information sessions (compared to 122 in 2013-2014), a 6% decrease. Company information sessions are vital for students to learn about a company, their job opportunities and the industry. Because much of the introductory information is presented in these sessions, this also cuts down on the interview time, allowing for more student interview slots.

Use of the DiggerNet online system to post positions for on-campus or other follow-up by companies increased with 957 companies entering 2,642 job postings in 2014-2015 (compared to 882 companies posting 2,592 jobs in 2013-2014). The Fall Virtual Career Fair in November offered 44 employers the chance to receive a total of 464 Mines resumes for open positions, while the Spring 2015 Virtual Career Fair held in April had 63 employers, with students submitting 795 resumes for open positions. In addition, the two special recruiting events (TNT in November and Spring Launch in April) netted totals of 28 employers participating and 419 student interviews.

Looking Forward

The Career Center is continuing to keep an eye on the current and future hiring trends and employment opportunities for Mines students and graduates. The demand in some industries, such as energy, decreased in full-time hire, with a steadier intern pool. This trend is expected to continue in the 2015-2016 academic year. The department will continue to build upon the prior success of the Faculty Relations Program and recruiting events, while looking for new and/or alternative programs and opportunities. New tracking initiatives should allow the department to continue to service the ever-increasing demand (internally and externally) for outcomes, salary, diversity, and recruiting data.

The Career Center will continue to be dedicated to providing instruction and to assisting students with such skills as resume and cover letter writing, interviewing, networking, and using resources for in-depth employer research. The Career Center is currently working on a fifth revision and expansion of the Mines Strategy: Tools for Engineering Your Job Search. This valuable publication, sponsored by ConocoPhillips, features chapters on social media, building an electronic presence, business etiquette, working globally, diversity on the job, transitioning to the workforce, as well as the job searching and career exploration sections. The Career Center will continue to offer the Engineering Your Career Path, for Mines students which started Spring 2014 and was made into a permanent course in Spring 2015. The curriculum for this course is based upon the Mines Strategy, and was created to provide the student with hands-on advanced career planning and job searching tools, as well as the skills for succeeding once the graduate has obtained the position. The response and feedback has been extremely positive.

The Mines Career Center will also strive to expand and develop the network of dedicated employers related to the Mines “Earth, Energy and Environment” mission, through continued diligent efforts to ensure that the growth which Colorado School of Mines has had in recent years will help students and recent graduates to move forward on their career paths.
# Table of Contents

I. Executive Summary ........................................................................................................ 1

II. Career Center Services and Outreach ........................................................................... 5

III. Outcomes and Salary Surveys ....................................................................................... 7
    Graduating Class Outcomes ............................................................................................ 7
    Industry Data .................................................................................................................. 9
    Graduate Status and Salary Offer Tables ....................................................................... 10

IV. Special Interest Groups ............................................................................................... 13
    Women ............................................................................................................................ 13
    Underrepresented, Ethnic, and Minority Groups .......................................................... 15

V. Mines Recruiting ........................................................................................................... 17
    Recruiting Summary ....................................................................................................... 17
    On-Campus Recruiting ................................................................................................... 18
    Early Bird Interviews ...................................................................................................... 18
    DiggerNet Activity .......................................................................................................... 20

VI. Mines Career Day and Special Recruiting Events ....................................................... 21
    Career Day Events ......................................................................................................... 21
    Virtual Career Fairs ........................................................................................................ 23
    Special Recruiting Events .............................................................................................. 24

VII. Technical Experience ................................................................................................. 25
    Graduates with Technical Work Experience .................................................................... 25
    Internships, Co-Operative Education, Job Shadow ....................................................... 26
    2015 Summer Internship Salaries ................................................................................... 26

Appendices
   A. Update Report on Recent Graduates
   B. Mines Recruiter List - August 2014 through July 2015
   C. Division and Department Reports
Figures and Tables

Tables:
1. Positions Accepted by Job-Seeking Graduates ................................................................. 9
2. BS Graduate Status and Salary Offers .................................................................................. 10
3. MS Graduate Status and Salary Offers ................................................................................ 11
4. PhD Graduate Status and Salary Offers ............................................................................... 12
5. Women Graduate Status ...................................................................................................... 13
6. Underrepresented, Ethnic, and Minority Groups Graduate Status ..................................... 15
7. Summer 2015 Reported Internships - Compensation Reported by Major ......................... 27

Figures:
1. Mines 15-Year Outcomes Perspective .................................................................................. 7
2. Graduate School as First Destination Choice ....................................................................... 8
3. Accepted Employment Positions by Industry ....................................................................... 9
4. Outcomes for BS Women vs. Overall BS Outcomes ............................................................. 13
5. Outcomes for MS Women vs. Overall MS Outcomes ............................................................ 14
6. Outcomes for PhD Women vs. Overall PhD Outcomes ....................................................... 14
7. Outcomes for BS Underrepresented, Ethnic, and Minority Groups ................................... 16
8. Outcomes for MS Underrepresented, Ethnic, and Minority Groups .................................. 16
9. 5-Year Perspective - Accepted Positions with Mines Recruiting Companies .................... 17
10. 5-Year History - Total On-Campus Student Interviews ....................................................... 18
11. Organizations Present for On-Campus Interviews vs. Undergraduate Outcomes ............ 19
12. Organizations Present for On-Campus Interviews vs. Graduate Level Outcomes ............ 19
13. DiggerNet Job Postings and Employers .............................................................................. 20
14. 10-Year Career Day History ............................................................................................... 21
15. 8-Year Career Day Student/Graduate Attendance .............................................................. 22
17. Virtual Career Day Employer Participation and Student Response .................................... 23
18. TNT and Spring Launch Recruiting Events Company and Student Activity .................... 24
19. Job-Seeking B.S. Graduates with Technical Work Experience .......................................... 25
The Colorado School of Mines Career Center’s mission is to assist students in developing the lifelong skills critical for the effective transition from college to career. This transition from student to professional is integral to both the success of Mines graduates and to the mission of Mines as an institution. The Career Center staff functions as an educational office to instruct all Colorado School of Mines students and recent graduates in specific professional development and job search skills specifically to enable and empower each student to take personal responsibility for the management of his/her own career.

The Colorado School of Mines Career Center strives to be a valuable resource for the Mines community and an example of professionalism in career services. The following is a partial list of services and outreach activities which the Career Center has performed during the 2014-2015 academic year to increase student opportunities:

1. Interdepartmental collaborations to increase employer support
2. Two Career Day events for students and employers - September and February
3. Two Virtual Career Fair events - November and April
4. Two end-of-semester networking /interview events (TNT and Spring Launch)
5. Coordination of arrangements for employer visits for on-campus interviews and information sessions, requesting space across campus for students’ needs
7. Successful instruction of the Engineering Your Career Path class
8. Maintenance and updating of DiggerNet, customized online recruiting system
9. More than 50 career skills workshops for students, including open attendance, for student organizations, and faculty-requested classroom presentations
10. Individualized career counseling, including career exploration
11. Job search skills utilizing the Mines DiggerNet system and other resources
12. Instruction in effective company research prior to applications
13. Resume, CV, and cover letter reviews, from freshman through PhD
14. Practice interviews, utilizing videotaping or direct coaching methods
15. Contract evaluation and salary/other negotiation discussions
16. Presentations at new student events including Discover Mines and Orientation
17. Maintenance of the Career Center website with extensive career resources
18. Two professional development employer workshops
19. Site/campus visits and marketing to employers to educate and advocate for Mines’ majors, ensuring continuance as a “top tier” school for recruiters
20. Outreach to faculty to facilitate advisement sessions that discuss careers
21. Compilation of more than 35 adhoc reports requested by both administrative and academic departments, as well as by campus donors
22. Publication of this Colorado School of Mines Career Center Annual Report, utilized by the Mines community, employers, and other interested entities
Graduating Class Outcomes

Outcomes reported for the Colorado School of Mines graduating class of 2014-2015 indicated a ratings with Bachelors reporting 87%, Masters noting 95%, and Doctoral graduates with a very positive 100% outcomes report. This compares to the 2013-2014 ratings of 91% BS, 94% MS, and 97% PhD.

These figures reflect outcomes which include employment (industry, government or military settings), and those choosing to go on to graduate school. In addition, other students considered “accounted for” with positive outcomes are international students expected to return to their home country after graduation, and recent graduates stating they do not plan to actively seek employment at this time for a variety of reasons. These latter students are encouraged to contact staff of the Mines Career Center when ready to actively pursue positions relevant to their majors.

The MS term used throughout this report refers to Master of Science, as well as Professional Master’s or Master of Engineering degrees. Figure 1, below demonstrates a historic view of the outcomes reported by Mines graduates, over a 15-year span, specified by degree levels.

Historically, around 55% of Mines graduates going into employment had remained to work in Colorado. This year, 54% of the graduates accepting positions in industry or government have chosen to stay in Colorado, compared with 50% in 2013-2014. By degree level, the percentages are BS: 53%, MS: 60%, and PhD: 44%. Other locations reported included Texas (13%), California (4%), and Washington (3%) at the top. 9 graduating U.S. citizens accepted international positions in Canada, Denmark, Finland, Guam, Italy, Israel, Scandinavia, South Africa, and South Korea.
Included in the outcomes are 19% of BS graduates choosing to go on to graduate school as their next career step, compared to 22% in 2013-14. A ten-year perspective of Bachelor’s degree graduates with continuing education as their first destination following graduation is offered below. In addition to the continuing BS graduates, 13% of graduating Master’s are seeking advanced degrees compared to 16% continuing on last year. Of these 219 total BS and MS graduates, 158 or 72% chose Mines (69% BS, 83% MS), compared to 68% last year, and 73% in 2012-2013. Among educational institutions chosen by graduates from Mines are Georgia Tech, MIT, Princeton, Rensselaer Polytechnic Institute, Stanford, University of Colorado, University of Illinois, Virginia Tech, and others. In addition to those studying with an engineering focus, 7 BS graduates stated plans to attend medical school, and 1 planned to begin law school.

Twenty-two PhDs remain in academia with teaching or research roles; 6 are here at Mines while others are at universities in Arkansas, Colorado, Connecticut, Indiana, Massachusetts, Missouri, Oregon, Washington, and Wyoming. Six PhDs are involved with government labs such as Idaho National Lab, Los Alamos National Lab, National Renewable Energy Lab (NREL), and the Southwest Research Lab.

A total of 9 2014-2015 graduates have entered a career in the military services, compared to 20 who had so chosen from the 2013-2014 class. A total of 15 recent graduates have accepted civilian positions within the defense sector of the U.S. government, either in support of a branch of armed forces, at one of the research labs for the Air Force or Navy, or in the role of manufacturing at one of the naval shipyards - Pearl Harbor, Portsmouth, or Puget Sound.
Outcomes and Salary Surveys

Industry Data

Figure 3 below shows the industries most actively hiring in 2014-2015, with 864 positions reported by job-seeking graduates accepting jobs with U.S. based organizations in industry or government. The oil/gas industry captured 24% of this total with 226 positions (down from 35% - 297 jobs prior year). Strong fields were IT/Electronics and Consulting/Development with 134 and 181 jobs (up from 101 and 164 respectively last year). Bio-science careers are of interest, with 80% increase from 10 to 18 this year. Automotive/transportation recruitment is rising so this category has been added to the chart.

Table 1 offers a view of positions accepted by graduates with industry vs. with government agencies.

Table 1: Positions Accepted by Job-Seeking Graduates 2014-2015

<table>
<thead>
<tr>
<th></th>
<th>Total 2014-2015 Graduates</th>
<th>Accepted Positions in Industry/Gov</th>
<th>Industry Positions Accepted</th>
<th>Government Positions Accepted (Administration, Academia, Research)</th>
</tr>
</thead>
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<tr>
<td>Bachelor’s</td>
<td>914</td>
<td>553</td>
<td>534</td>
<td>19</td>
</tr>
<tr>
<td>Master’s</td>
<td>344</td>
<td>229</td>
<td>216</td>
<td>13</td>
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<tr>
<td>Doctoral</td>
<td>123</td>
<td>82</td>
<td>49</td>
<td>33</td>
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<tr>
<td>Total</td>
<td>1381</td>
<td>864</td>
<td>799</td>
<td>65</td>
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</table>

2014-2015 Highlights

54% of graduates employed in industry or government stayed in Colorado.
69% of BS grads pursuing a MS degree chose Mines for their graduate school.
840 total salary offers were reported by BS, MS, and PhD graduates.
### Table 2: BS Graduate Status and Salary Offers - December 2014 — August 2015

<table>
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<tr>
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</thead>
<tbody>
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<td></td>
<td>Chemical Engineering (2 double majors)</td>
<td>60</td>
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<td>0</td>
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<td>0</td>
<td>3</td>
<td>83</td>
<td></td>
<td>7</td>
<td>26</td>
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<td>$66,269</td>
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<td>0</td>
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<td>0</td>
<td>0</td>
<td>92</td>
<td></td>
<td>1</td>
<td>3</td>
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<td>$48,173</td>
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<td>Engineering Physics (2 double majors)</td>
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<td>0</td>
<td>37</td>
<td>0</td>
<td>3</td>
<td>94</td>
<td></td>
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<td>16</td>
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<td>Metallurgical &amp; Materials Engineering</td>
<td>37</td>
<td>23</td>
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<td>0</td>
<td>9</td>
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<td>38</td>
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<td>0</td>
<td>5</td>
<td>93</td>
<td></td>
<td>4</td>
<td>52</td>
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<td>0</td>
<td>3</td>
<td>94</td>
<td></td>
<td>2</td>
<td>21</td>
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<td>83</td>
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<td>33</td>
<td>134</td>
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<td>$104,900</td>
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<td>0</td>
<td>0</td>
<td>75</td>
<td></td>
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<td>$55,000</td>
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<td>Geology &amp; Geological Engineering</td>
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<td>12</td>
<td>0</td>
<td>0</td>
<td>15</td>
<td>2</td>
<td>3</td>
<td>91</td>
<td></td>
<td>3</td>
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<td>90</td>
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<td>107</td>
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<td>Sub-Totals (double majors included)</td>
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<td>177</td>
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<td>41</td>
<td>87%</td>
<td>120</td>
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<td>$66,394</td>
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<td>116</td>
<td>589</td>
<td>$30,000</td>
<td>$124,000</td>
<td>$66,394</td>
<td>$67,540</td>
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</tbody>
</table>

Note: "Not Looking" includes those working outside their field of study or postponing an active full-time job search for personal/medical reasons.

Note: "N/A" indicates too few starting salary offers were reported to maintain confidentiality for graduates and averages are not available.
### Table 3: MS Graduate Status and Salary Offers - December 2014 — May 2015

#### Master's Degree Graduates Outcomes and Salary Survey

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<td>1</td>
<td>1</td>
<td>$60,000</td>
<td>$105,000</td>
</tr>
<tr>
<td></td>
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**Note:** "Not Looking" includes those working outside their field of study or postponing an active full-time job search for personal/medical reasons.

**Note:** * "N/A" indicates too few starting salary offers were reported to maintain confidentiality for graduates and averages are not available.
### Table 4: PhD Graduate Status and Salary Offers - December 2014 – May 2015

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Note: "Not Looking" includes those working outside their field of study or postponing an active full-time job search for personal/medical reasons.
Note: * "N/A" indicates too few starting salary offers were reported to maintain confidentiality for graduates and averages are not available.
Women

Mines celebrated the graduation of 354 women at Colorado School of Mines in 2014-2015, just 1% less than the 359 of 2013-2014. This reflects 26% of the year’s total graduates, same as last year’s class, with 28% BS women, 19% MS women, and 28% PhD women graduating. Reported outcomes for all 2014-2015 degreed women equals 98%, compared to the overall rate of 87% positive outcomes for all 2014-2015 graduates.

Specifically, the women’s outcome percentages are: BS: 97% compared to 87% BS overall; MS: 99% compared to 96% overall for MS; and PhD: 100%, compared to 100% for PhD graduates overall. With 222 women going into work in industry, government, or military, this represents a 6% decrease of jobs that were accepted over last year’s number of 236 positions reported.

In 2014-2015, 21% of BS women chose graduate school, compared to the 19% rate for BS overall. Of MS women, 18% continued on; compared to the 12% MS overall rate. Table 5, below, summarizes the outcomes of 2014-2015 BS, MS and PhD women graduates. Figure 4 notes a historical comparison of BS women’s outcomes vs. the overall rate for all BS graduates.

Table 5: Women Graduate Status - December 2014 - August 2015

<table>
<thead>
<tr>
<th>NUMBER OF GRADUATES</th>
<th>INDUSTRY</th>
<th>GOVT.</th>
<th>MILITARY</th>
<th>GRAD. SCHOOL</th>
<th>INT'L</th>
<th>NOT LOOKING</th>
<th>ACTIVELY SEARCHING</th>
<th>% OUTCOMES</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS</td>
<td>252</td>
<td>152</td>
<td>2</td>
<td>0</td>
<td>52</td>
<td>4</td>
<td>15</td>
<td>27</td>
</tr>
<tr>
<td>MS/P</td>
<td>68</td>
<td>39</td>
<td>5</td>
<td>1</td>
<td>12</td>
<td>6</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>PHD</td>
<td>35</td>
<td>14</td>
<td>9</td>
<td>0</td>
<td>0</td>
<td>9</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>TOTAL</td>
<td>354</td>
<td>205</td>
<td>16</td>
<td>1</td>
<td>64</td>
<td>19</td>
<td>19</td>
<td>21</td>
</tr>
</tbody>
</table>

Figure 4: Outcomes for BS Women vs. Overall BS
The women of Mines graduating with Master’s degrees are rated at 96% outcomes (compared to the 95% rate for Master’s graduates overall). PhD women note positive outcomes of 100%, (100% for PhDs overall).

Figures 5 and 6 below offer a historical perspective for graduate level women students' outcomes compared to that of graduates overall.

**2014-2015 Highlights**

- **354** women graduated from Mines.
- **98%** of BS, MS, and PhD women graduates note positive outcomes.
- **96%** of BS, MS, and PhD minority graduates note positive outcomes.
Underrepresented, Ethnic, and Minority Groups

A total of 167 historically underrepresented ethnic and racial minority students graduated from Mines in 2014-2015, compared to a 2013-2014 total of 173. Of the combined degree levels, 96% reported positive outcomes choosing work in industry, government or military, continuing to graduate school, or choosing options other than a position related to their major at this time. This compares to the 87% outcomes rate for all Mines 2014-2015 graduates. Data for this is based on information self-reported by students to the Career Center and with institutional data from the Registrar. Table 6 below details the post-graduate status for these graduating underrepresented minorities at Mines, by ethnicity.

The Career Center continues working with the four branches of the Colorado School of Mines Multicultural Engineering Program (MEP): American Indian Science and Engineering Society (AISES), National Society of Black Engineers (NSBE), Society of Asian Scientists and Engineers (SASE), and Society of Hispanic Professional Engineers (SHPE). Career Center staff members speak at meetings, and proactively foster connections between MEP and companies.

Table 6: Underrepresented Ethnic and Minority Graduate Status - December 2014—August 2015

<table>
<thead>
<tr>
<th>Number of Graduates</th>
<th>Industry</th>
<th>Gov’t</th>
<th>Military</th>
<th>Graduate School</th>
<th>Not Looking</th>
<th>Actively Searching</th>
<th>% Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS</td>
<td>MS</td>
<td>PhD</td>
<td>Total</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Black / African American</td>
<td>8</td>
<td>5</td>
<td>0</td>
<td>13</td>
<td>6</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Native American / Alaskan Native</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Asian American / Pacific Islander</td>
<td>38</td>
<td>8</td>
<td>2</td>
<td>48</td>
<td>28</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Hispanic</td>
<td>72</td>
<td>17</td>
<td>6</td>
<td>95</td>
<td>54</td>
<td>6</td>
<td>0</td>
</tr>
<tr>
<td>Multiple Races</td>
<td>7</td>
<td>3</td>
<td>0</td>
<td>10</td>
<td>5</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>TOTAL</td>
<td>126</td>
<td>33</td>
<td>8</td>
<td>167</td>
<td>94</td>
<td>11</td>
<td>0</td>
</tr>
</tbody>
</table>

The Career Center process affords employers who post positions through the Career Center the ability to indicate a desire for special notices to be sent to MEP; in this way they are able to target this audience for their corporations’ diversity initiatives. This same service is true for SWE, as well.

“WIRED” (Work/Interview/Resume Experience Day) continues as a successful collaborative event between the Career Center and MEP. Company participation in this event was 20 for Fall, and 10 for Spring with total interview counts of 414 and 168, respectively. WIRED sessions offer to all Mines students advice and encouragement for success at Career Day and beyond.
For the 2014-2015 graduating class, the BS minority outcomes rate of 83% compares to an overall 87% for BS. Below in Figure 7, the ten-year perspective of outcomes for BS minority graduates offers a comparison to the outcomes rate overall for all BS 2014-2015 graduates.

In these reports, U.S. citizens and international students with permanent residence who are of self-reported ethnicity are included. Typically, international students are assumed to plan a return to their home countries following the completion of their time as a student at Mines. However, if they have reported intentions to remain in the U.S. for an advanced degree, or reported acceptance of a position with a U.S. employer, they are so noted in our reports in the Overview chapter of this Annual Report.

Due to the small numbers of underrepresented and minority PhD graduates, Figure 8 will only reflect trends for the MS graduates. The MS outcomes are currently at 94%, compared to 95% for the overall Master’s graduates. No separate PhD graph is provided; for this 2014-2015 graduating class, the PhD outcomes are 100% (100% for overall outcomes).
Summary

The Mines Career Center had a very busy year in terms of both on-campus and online recruiting of students for full-time and internship/co-op positions. Mines recruiting is stated as two categories: the on-campus recruiting figures include organizations participating in Career Day or information sessions, and/or on-campus interviews. Online recruiting includes those organizations registered in DiggerNet who have posted jobs but did not actually visit the Mines campus. The complete list of the organizations recruiting at Colorado School of Mines this year is included as Appendix B.

Of the graduating BS students who accepted positions in industry or government, 80% were with organizations that had participated in Mines recruiting activities in some way within the last 5 years. This suggests the impact of a positive recruiting environment on both student opportunities and total job acceptances. Of MS and PhD graduates, rates were 71% and 56%, respectively, with a steady increase in recent years. This may be due to increased outreach to graduate level programs on campus, and employers seeking to hire MS and PhD graduates, plus the recent addition to the staff of a specific Graduate Student Career Advisor to meet with these students. Across all degree levels, there is an overall 70% rate for acceptance of employment with companies recruiting through Mines Career Center utilizing the centralized campus recruiting services and processes.

Figure 9: 5 Year Perspective - % Accepted Positions with Organizations Involved in Mines Recruiting Activities

<table>
<thead>
<tr>
<th>Year</th>
<th>BS</th>
<th>MS/P</th>
<th>PhD</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010-11</td>
<td>85%</td>
<td>70%</td>
<td>57%</td>
</tr>
<tr>
<td>2011-12</td>
<td>91%</td>
<td>76%</td>
<td>63%</td>
</tr>
<tr>
<td>2012-13</td>
<td>83%</td>
<td>75%</td>
<td>64%</td>
</tr>
<tr>
<td>2013-14</td>
<td>82%</td>
<td>76%</td>
<td>67%</td>
</tr>
<tr>
<td>2014-15</td>
<td>80%</td>
<td>71%</td>
<td>56%</td>
</tr>
</tbody>
</table>
On-Campus Interviewing & Information Sessions
On-campus recruiting was very strong, as reflected in the number of employers who visited the Mines campus. A total of 194 unique employers were involved in interviews on-campus and/or offered information sessions during the fall 2014 and spring 2015 semesters. There were 30 companies who participated in both recruiting seasons for a total of 224 participating organizations throughout the year.

Career Week Interviews
For next day Career Week interviewing, campus administrative and academic departments collaborated with the Career Center by providing rooms for companies to stay on campus to interview students.

In Fall 2014, 55 companies stayed on campus. The Career Center was very appreciative of the 15 departments throughout the campus who supplemented our four Career Center interview rooms for the intense days following Fall Career Day, resulting in 1095 interviews. This number of interviews could not have been successfully executed without the support of these academic and administrative departments providing space. Following the Spring 2015 Career Day, 29 companies took advantage of Early Bird reservations, resulting in 392 interviews. These student interviews were possible with the much appreciated help of 11 campus departments.
Figure 11 demonstrates how the number of interviewing companies strongly supports Bachelor graduate outcomes. It is worthwhile to note that the number of companies participating each year in campus based interviewing correlates reasonably with the graduate outcome rates of BS graduates. Figure 12 shows a correlation between campus-based interviewing and the outcome rates of Master’s and Doctorate level graduates. The MS shows a stronger correlation between campus-based interviewing and the outcomes, than the PhD. One reason is because some doctoral candidates may already be employed when they attend Colorado School of Mines, and are not actively involved in recruiting.
DiggerNet Activity

Online recruiting noted 2% growth in the past year with a total of 2,642 job postings on DiggerNet during 2014-2015 for full-time, internship, part-time, temporary work, (2595 job postings in the prior year). In 2014-2015, the number of companies posting jobs numbered 957, 8% more than the 882 last year, and there appears a favoring of internship postings over full-time, compared to the numbers of the prior year. Please note that postings often included multiple types in a single job description, and often reflected multiple openings available per posting. Figure 13, below, shows details for the specific position types for which employers utilized DiggerNet.

Figure 13: DiggerNet Job Postings and Employers

DiggerNet serves a wide variety of needs for Mines students and recent graduates, plus academic and administrative departments, and other employers. This includes the posting of CSM student jobs, including work study jobs for undergraduates for a total of 99 postings (130 prior year). For students at the other end of the spectrum, graduate level students found appropriate positions entered, including 14 post-doctoral positions, 13 fellowships, and 14 academic research positions.

In addition to jobs posted for current students and recent (within two years) graduates, the Career Center continues to assist alumni by forwarding jobs to the Mines Alumni Association requiring more than two years of experience, as the Alumni Association provides the career services to those past two years from graduation (except when the Alumni Association requests the Career Center assistance for less experienced alumni). In addition to reviewing and forwarding 81 such jobs, staff in the Career Center also receive frequent phone calls from both alumni and employers who are directed as needed to the Alumni Association.

The Mines Career Center has seen an increase in the students participating in phone and Skype interviews. 68 students used rooms in the Career Center for these purposes.

The Career Center continues to customize the DiggerNet online system for efficiency, user friendliness, and capacity to grow with Mines’ expanding base of students and employers.
Career Day Events

In the 2014-15 academic year, Mines Career Day experienced record numbers in both employer attendance, faculty/staff participation, as well as attendance from students, grads, and alums. The campus had many repeat corporations who attended Career Day events as well as approximately 64 new companies to the events. The reason for this continued large participation is due to the many proactive marketing efforts by Career Center staff, faculty collaboration initiatives, multi-event incentives, plus a strong need for top engineers. Employer participation resulted in 230 organizations at the Fall Career Day, which was the largest Fall Career Day in Mines’ history. Mines also had 217 organizations participate in the Spring Career Day, making this the largest Spring Career Day to-date in the history of Mines. Both events sold out, exceeding original goals. The student, graduate, and alumni attendance has continuously increased with 3285 attending the Fall 2014 Career Day and 2313 attending the Spring 2015 Career Day. Verbal and survey input from many company representatives confirms that they continue to feel the Mines Career Day is definitely one of the best college recruiting events in the country, showcasing the highest quality students. Figures 14 - 16 show the results of company, student/graduate attendance as well as majors requested.

Career Day Highlights

Largest Fall Career Day in Mines’ history, with a record 230 organizations participating. Largest Spring Career Day in Mines’ history, with a record 217 organizations participating. Huge Fall attendance of 3285 by students, graduates and alumni.
**Figure 15: 8-Year Career Day Student / Graduate Attendance History**

Number of Attendees

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall Event</th>
<th>Spring Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007-2008</td>
<td>2017</td>
<td>1387</td>
</tr>
<tr>
<td>2008-2009</td>
<td>2536</td>
<td>1843</td>
</tr>
<tr>
<td>2009-2010</td>
<td>2753</td>
<td>1662</td>
</tr>
<tr>
<td>2010-2011</td>
<td>3132</td>
<td>1687</td>
</tr>
<tr>
<td>2011-2012</td>
<td>3158</td>
<td>2210</td>
</tr>
<tr>
<td>2012-2013</td>
<td>3171</td>
<td>2327</td>
</tr>
<tr>
<td>2013-2014</td>
<td>3297</td>
<td>2254</td>
</tr>
<tr>
<td>2014-2015</td>
<td>3285</td>
<td>2313</td>
</tr>
</tbody>
</table>

**Figure 16: 2014-2015 Career Day Exhibitors Seeking Mines Students by Major**

# of Employers Requesting Each Major

- Petroleum Engineering
- Nuclear Engineering
- Mining Engineering
- Mineral Exploration & Mining Geosciences
- Mineral & Energy Economics
- Metallurgical and Materials Engineering
- Mechanical Engineering
- Mathematics
- Materials Science
- International Political Economy of Resources
- Hydrology
- Geophysics & Geophysical Engineering
- Geology & Geological Engineering
- Geochemistry
- Environmental Engineering
- Engineering Technology Management
- Engineering Systems
- Engineering Physics
- Electrical Engineering
- Economics
- Computer Science
- Civil Engineering
- Chemistry
- Chemical Engineering
- Chemical and Biochemical Engineering
- Biochemistry

- Fall 2014
- Spring 2015
Virtual Career Fairs

The Virtual Fairs were first implemented in the Spring of 2009 in response to the economic downturn. Since that initial effort, response by both students and employers has risen. The Virtual Fairs have proven to be effective in prompting many Employers to recruit at Mines between Career Day events. In addition, the events have encouraged students and upcoming graduates by providing them with an added concentration of good prospective jobs near the close of the semester.

The Fall 2014 Virtual Career Fair featured 44 employers, with 70 job opportunities resulting in 464 resume submissions through DiggerNet. The Spring 2015 Virtual Career Fair featured 63 employers; 118 jobs opportunities resulted in 795 resumes submissions through DiggerNet. These Events were open to all students and recent graduates. Employers posted positions for both full-time and summer internships.

In addition to accepting resumes and cover letters online during the Virtual Career Fairs, many employers take advantage of the special end-of-semester on-campus interview events which are discussed in more detail on the next page. The Virtual Career Fair timing is specially set to allow employers to view resumes received and then come to campus to catch these students for interviews before they become busy with final projects and exams, and graduation.

Figure 17: Virtual Career Fair Employer Participation and Student Response
Special Recruiting Events

The “recruiting season” has continued to extend past the historic rush immediately following Career Day. To encourage students in their efforts to secure meaningful positions (full-time or internships), and to provide employers with a forum to further seek valuable employees when they are in need, the Career Center utilizes two special recruiting events to conclude each of the semesters in a positive way. However, these events no longer signal the end of on-campus recruiting, which lately has extended well into the holiday break and summer months.

The Nick of Time (TNT) and Spring Launch are one-day events which begin with an opportunity for networking among employers, students, and faculty. This is followed by hours of student interviews for the immediate hiring needs of these organizations. Held in conjunction with a Virtual Career Fair held two weeks prior, it gives students another opportunity to meet their goals of submitting resumes and scheduling interviews before preparing for Finals Week.

Employers highly value this additional opportunity to visit campus and connect with students. An added value for employers attending these recruiting events is a luncheon workshop which offers employers professional development. These workshops include such timely topics as creating an exemplary internship program, improving “branding” with the student population, increasing inclusion/diversity in the workforce, and others. Figure 18 below notes employer and student involvement in these special recruiting events.

**Figure 18: TNT and Spring Launch Recruiting Events - Company and Student Activity**
**Technical Experience—Internships, Co-ops**


**Graduates with Technical Work Experience**

In addition to hands-on projects that students accomplish in courses, the added benefit of “real life” relevant experience while in college is invaluable. Students are encouraged to pursue such internships, co-ops, research experience beyond the regular classroom experience, and even seek job shadow opportunities. The percentage of documented relevant technical experience for B.S. students prior to graduation decreased to 76% in 2014-2015 from 79% the prior year.

In general, the leading disciplines in reported internship/technical experience are those involved with natural resource extraction, manufacturing, and information technology. M.S. students who are on the five year program at Mines would have had their internship experience noted in a prior report. As PhD students often come to Mines with prior full-time experience, or may be working for a company while completing the advanced degree, these groups are, therefore, not included in Figure 19 below, which is focused on BS graduates with direct job-seeking goals.

---

**Figure 19: Job Seeking BS Graduates with Technical Experience**

- Chemical & BioChemical (42) - 73%
- Chemical Engineering (60) - 80%
- Chemistry (13) - 86%
- Civil Engineering (56) - 77%
- Computer Science (69) - 72%
- Economics & Business (8) - 71%
- Electrical Engineering (55) - 80%
- Environmental Engineering (31) - 83%
- Geology & Geological Engineering (35) - 80%
- Geophysics & Geophysical Engineering (29) - 79%
- Mathematics & Statistics (25) - 69%
- Mechanical Engineering (191) - 78%
- Metallurgy & Material Science (37) - 67%
- Mining Engineering (40) - 69%
- Petroleum Engineering (177) - 75%
- Physics Engineering (64) - 88%
Internships, Co-Operative Education, Job Shadowing

At Colorado School of Mines, all forms of technical experience, relevant to a student’s major, are encouraged. Most commonly these experiences are paid summer internships or part-time jobs during the academic year. To be considered a valid technical experience, the hiring organization would be within industry or government, utilizing relevant skills that the student is developing. Most internships offer ample opportunities for the student to practice technical skills, and build the necessary communication skills that will be valued for future work. In addition, there are other opportunities for students to work in the various research centers on-campus. Whether funded by NSF or other government funding, or by private corporations, the many campus research centers offer students a chance to be involved in high level technology. The Career Center also posts REU opportunities from other academic institutions.

The Mines Co-Operative Education program varies from a typical internship in that it involves a minimum commitment of the equivalent of six months of full-time work. This program is only for undergraduate students and typically is completed during late sophomore or junior year. After the students secure approvals, prior to the beginning of the work portion of the program, solid learning objectives are created in a way that the mentor/supervisor integrates tasks with technical learning. Contracts are developed between the student, school, and employer, with guidelines that work assigned is to be both relevant and of such scope to provide challenging professional growth. Final evaluation is received from the employer and the student’s academic department assigns a letter grade for 3 hours of credit, following submittal of an appropriate technical paper.

During the 2014-2015 academic year, four students participated in co-ops with Yates Construction in Lake Charles, Louisiana, DOW in Texas, PCC Special Metals in Virginia, and Nucor in Indiana. During this same timeframe, 28 companies posted a total of 46 co-op positions in DiggerNet. Both students and employers are becoming more aware of the fit for this hands-on industry experience as a valuable complement to the undergraduate academic experience.

Students are encouraged to seek out job shadow opportunities to help clarify choice of major, choice of industry, or even choice of job position. These unpaid short-term experiences during the breaks in the academic schedule are an excellent way for students to promote their professional development plans, and a great way for organizations to begin to build a pipeline of interested, dedicated future employees while increasing their name recognition on the Mines campus.

2015 Summer Salaries

Each year, the Career Center collects data on summer internships. Information is provided by the students on a voluntary basis. The information given on Table 7 on the following page is intended for reference only and does not imply that this is the total number of internships and/or the only salaries experienced by Mines students of each major during the Summer of 2015.
### Technical Experience—Internships, Co-Ops & Research

#### Table 7: Summer 2015 Reported Internships and Compensation by Major

<table>
<thead>
<tr>
<th>Student Major</th>
<th>Low</th>
<th>High</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Engineering / Biochemical Engineering</td>
<td>$10.00</td>
<td>$42.83</td>
<td>$22.25</td>
</tr>
<tr>
<td>Chemistry</td>
<td>$12.00</td>
<td>$13.00</td>
<td>$12.50</td>
</tr>
<tr>
<td>Civil Engineering</td>
<td>$9.00</td>
<td>$23.00</td>
<td>$15.17</td>
</tr>
<tr>
<td>Computer Science</td>
<td>$10.00</td>
<td>$31.00</td>
<td>$21.23</td>
</tr>
<tr>
<td>Economics &amp; Business</td>
<td>$15.00</td>
<td>$28.00</td>
<td>$22.67</td>
</tr>
<tr>
<td>Electrical Engineering</td>
<td>$12.50</td>
<td>$70.00</td>
<td>$20.36</td>
</tr>
<tr>
<td>Environmental Engineering</td>
<td>$9.00</td>
<td>$35.00</td>
<td>$19.06</td>
</tr>
<tr>
<td>Geology &amp; Geological Engineering</td>
<td>$10.00</td>
<td>$45.50</td>
<td>$21.53</td>
</tr>
<tr>
<td>Geophysics &amp; Geophysical Engineering</td>
<td>$12.00</td>
<td>$50.00</td>
<td>$24.11</td>
</tr>
<tr>
<td>Mathematics &amp; Statistics</td>
<td>$10.00</td>
<td>$24.00</td>
<td>$16.52</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>$9.50</td>
<td>$45.00</td>
<td>$19.12</td>
</tr>
<tr>
<td>Metallurgical &amp; Materials Engineering</td>
<td>$11.00</td>
<td>$25.25</td>
<td>$18.80</td>
</tr>
<tr>
<td>Mining Engineering</td>
<td>$12.00</td>
<td>$26.00</td>
<td>$19.75</td>
</tr>
<tr>
<td>Petroleum Engineering</td>
<td>$9.00</td>
<td>$54.25</td>
<td>$31.17</td>
</tr>
<tr>
<td>Physics (Engineering)</td>
<td>$10.00</td>
<td>$30.00</td>
<td>$16.04</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Student Major</th>
<th>Low</th>
<th>High</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Engineering*</td>
<td>$8.00</td>
<td>$60.00</td>
<td>$39.73</td>
</tr>
<tr>
<td>Chemistry</td>
<td>N/A</td>
<td></td>
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</tr>
<tr>
<td>Civil Engineering</td>
<td>$12.50</td>
<td>$53.00</td>
<td>$24.32</td>
</tr>
<tr>
<td>Computer Science</td>
<td>$20.00</td>
<td>$40.00</td>
<td>$28.90</td>
</tr>
<tr>
<td>Econ: Engineering Technology Management*</td>
<td>$13.00</td>
<td>$20.24</td>
<td>$15.91</td>
</tr>
<tr>
<td>Econ: Mineral Energy Economics *</td>
<td>$15.65</td>
<td>$25.00</td>
<td>$21.71</td>
</tr>
<tr>
<td>Electrical Engineering*</td>
<td>$18.00</td>
<td>$32.50</td>
<td>$28.66</td>
</tr>
<tr>
<td>Engineering Systems</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Environmental Science &amp; Engineering</td>
<td>$16.00</td>
<td>$53.00</td>
<td>$30.20</td>
</tr>
<tr>
<td>Geology &amp; Geological Engineering</td>
<td>$10.00</td>
<td>$57.50</td>
<td>$41.07</td>
</tr>
<tr>
<td>Geophysics &amp; Geophysical Engineering</td>
<td>$19.00</td>
<td>$50.00</td>
<td>$38.50</td>
</tr>
<tr>
<td>Hydrology</td>
<td>$15.00</td>
<td>$21.00</td>
<td>$17.33</td>
</tr>
<tr>
<td>International Political Economy of Resources</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Materials Science*</td>
<td>$10.00</td>
<td>$36.00</td>
<td>$19.66</td>
</tr>
<tr>
<td>Mathematics*</td>
<td>$19.00</td>
<td>$25.00</td>
<td>$20.67</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>$14.00</td>
<td>$31.50</td>
<td>$19.10</td>
</tr>
<tr>
<td>Metallurgical &amp; Materials Engineering</td>
<td>$25.50</td>
<td>$50.00</td>
<td>$30.70</td>
</tr>
<tr>
<td>Mining &amp; Earth Systems Engineering</td>
<td>$17.00</td>
<td>$55.00</td>
<td>$25.37</td>
</tr>
<tr>
<td>Petroleum Engineering</td>
<td>$30.00</td>
<td>$58.00</td>
<td>$40.49</td>
</tr>
<tr>
<td>Physics (Applied)*</td>
<td>$14.50</td>
<td>$29.25</td>
<td>$24.37</td>
</tr>
</tbody>
</table>

Note: *Average calculated from two years combined due to limited 2015 reports
Note: N/A Indicates insufficient data was reported.
Appendix A


Update Report on Recent Graduates

This 2015 Career Center follow-up details the progress of Mines recent graduates. Progress toward a graduate’s first destination is followed and facilitated for two years after graduation. Last year’s Annual Report graduates (December 2013 - August 2014) are now at 97% BS outcomes, 99% for MS and 100% PhD, from 91%, 94%, and 97%, respectively, when reported last year. Members of the previous class (December 2012 - August 2013), who were seeking that first professional setting, are noted with outcomes of 99% BS, 100% MS, and 100% PhD.

This updating of the graduates who were seeking positions or graduate schools at the close of data collection is intended to indicate a timeline for graduates to achieve that first step after leaving Mines. For those who do not report specifics of their career path prior to graduation, every effort is made to remain in contact to provide assistance for their job search endeavors. Programming is in place for both one-on-one and group workshops targeting the specific majors and career paths sought. The Career Center attempts to maintain communication and connection through phone, email, and social media such as LinkedIn. If vigorous multiple efforts are not successful contacting a graduate, it is presumed that the person is not actually in an active job search or they would be responding to offers for assistance. The Career Center staff is available for these recent graduates for up to two years while they are in an active job search. If an employed graduate’s situation changes, contacting the Career Center will reactivate the assistance process.

The overall definition of “outcomes” includes all the categories of Mines graduates who are no longer seeking Career Center assistance:

- Graduates who have accepted positions in areas of industry, government, or military;
- Those who have chosen continued education as the next step;
- International students who are presumed to have returned to their home countries;
- Other graduates notifying the Career Center that they are “not looking” for their own reasons.

The following report includes a detailed breakdown of the outcomes status, as of October 2015, of recent graduates. A history has been provided, but only for the purpose of rough comparison with current hiring trends. For BS, MS, and PhD graduates, the following tables are provided:

- **One Year Update**, December 2013 - August 2014 Graduates
- **Two Year Update**, December 2012 - August 2013 Graduates
One-Year Update December 2013 - August 2014 BS Graduates
(Graduates Reported in the 2014 Annual Report)

<table>
<thead>
<tr>
<th>COLLEGE AND PROGRAM</th>
<th># of Graduates</th>
<th># of Double Majors</th>
<th>Industry</th>
<th>Government</th>
<th>Military</th>
<th>Grad. School</th>
<th>Intl. Returning to Country</th>
<th>Not Looking</th>
<th>Seeking</th>
<th>Contacted Students</th>
<th>Contacted Students</th>
<th>Unable to Contact</th>
<th>% Outcomes</th>
</tr>
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<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chemical Engineering</td>
<td>58</td>
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<td>40</td>
<td>1</td>
<td>1</td>
<td>9</td>
<td>1</td>
<td>2</td>
<td>4</td>
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</tr>
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<td>1</td>
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<td>51</td>
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<td>1</td>
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<td>0</td>
<td>7</td>
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</tr>
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<td>9</td>
<td>0</td>
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<td>39</td>
<td>0</td>
<td>97%</td>
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</tr>
<tr>
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<td>14</td>
<td>3</td>
<td>0</td>
<td>9</td>
<td>4</td>
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<td>0</td>
<td>0</td>
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</tr>
<tr>
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<td>8</td>
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<td>5</td>
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<td>96%</td>
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<td>Subtotal (with 13 double majors)</td>
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<td>589</td>
<td>21</td>
<td>14</td>
<td>196</td>
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<td>22</td>
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<tr>
<td>TOTAL</td>
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<td>577</td>
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<td>14</td>
<td>195</td>
<td>25</td>
<td>22</td>
<td>25</td>
<td>875</td>
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</table>

Note: Sub-totals are sum of the degrees earned. Totals are the actual number of individuals graduating in each category.

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<th>% ANNUAL REPORT</th>
<th>% ONE YEAR LATER</th>
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<tr>
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<td>98%</td>
</tr>
<tr>
<td>2008 - 2009</td>
<td>86%</td>
<td>98%</td>
</tr>
<tr>
<td>2007 - 2008</td>
<td>94%</td>
<td>98%</td>
</tr>
<tr>
<td>2006 - 2007</td>
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<td>90%</td>
<td>99%</td>
</tr>
<tr>
<td>2004 - 2005</td>
<td>73%</td>
<td>96%</td>
</tr>
<tr>
<td>2003 - 2004</td>
<td>68%</td>
<td>86%</td>
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## Appendix A

### One-Year Update December 2013 - May 2014 MS Graduates

(Graduates Reported in the 2014 Annual Report)

<table>
<thead>
<tr>
<th>COLLEGE AND PROGRAM</th>
<th># of Graduates</th>
<th>Industry</th>
<th>Gov't</th>
<th>Military</th>
<th>Grad School</th>
<th>Int'l. Returning to Country</th>
<th>Not Looking</th>
<th>Seeking</th>
<th>Contacted Students</th>
<th>Unable to Contact</th>
<th>% Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>College of Applied Science</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Applied Chemistry</td>
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<td>1</td>
<td>1</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>5</td>
<td>0</td>
<td>100%</td>
</tr>
<tr>
<td>Physics - Applied</td>
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<td>0</td>
<td>3</td>
<td>0</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>6</td>
<td>0</td>
<td>100%</td>
</tr>
<tr>
<td>Chemical Engineering</td>
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<td>5</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>12</td>
<td>0</td>
<td>100%</td>
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<tr>
<td>Metallurgy &amp; Materials Engineering</td>
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<td>0</td>
<td>0</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>20</td>
<td>0</td>
<td>100%</td>
</tr>
</tbody>
</table>

| **College of Engineering and Computational Sciences** |                |          |       |          |             |                            |             |         |                     |                  |            |
| Applied Math & Statistics | 12 | 3 | 2 | 0 | 5 | 0 | 1 | 0 | 8 | 0 | 100% |
| Civil & Environmental Engineering | 10 | 7 | 2 | 1 | 0 | 1 | 0 | 10 | 0 | 100% |
| Civil Engineering | 6 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 6 | 0 | 100% |
| Environmental Engineering | 19 | 12 | 1 | 0 | 3 | 0 | 2 | 1 | 18 | 1 | 95% |
| Environmental Science | 8 | 7 | 0 | 0 | 1 | 0 | 0 | 0 | 8 | 0 | 100% |
| Computer Science | 16 | 13 | 0 | 0 | 3 | 0 | 0 | 0 | 16 | 0 | 100% |
| Electrical Engineering | 8 | 5 | 0 | 1 | 0 | 2 | 0 | 0 | 8 | 0 | 100% |
| Engineering - Systems | 4 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 4 | 0 | 75% |
| Engineering - Mechanical | 25 | 16 | 0 | 0 | 5 | 0 | 0 | 4 | 25 | 0 | 84% |

| **College of Earth Resources & Science** |                |          |       |          |             |                            |             |         |                     |                  |            |
| Econ - ETM | 36 | 28 | 3 | 2 | 0 | 2 | 0 | 1 | 36 | 0 | 97% |
| Econ - Mineral & Energy Economics | 31 | 18 | 2 | 1 | 8 | 3 | 0 | 0 | 31 | 0 | 100% |
| Geology & Geological Eng. | 39 | 29 | 1 | 0 | 1 | 5 | 2 | 1 | 39 | 0 | 97% |
| Geophysics & Geophysical Eng. | 22 | 14 | 1 | 0 | 3 | 4 | 0 | 0 | 22 | 0 | 100% |
| Int'l Political Economy of Resources | 7 | 4 | 0 | 0 | 1 | 0 | 1 | 1 | 6 | 0 | 83% |
| Mining & Earth Systems | 6 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 6 | 0 | 100% |
| Petroleum Engineering | 37 | 16 | 0 | 0 | 6 | 15 | 0 | 0 | 37 | 0 | 100% |

| Interdisciplinary Graduate Level Degree Programs |                |          |       |          |             |                            |             |         |                     |                  |            |
| Geochemistry | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 100% |
| Hydrology | 17 | 9 | 5 | 0 | 2 | 0 | 1 | 0 | 17 | 0 | 100% |
| Materials Science | 3 | 2 | 0 | 0 | 1 | 3 | 0 | 0 | 3 | 0 | 100% |
| Nuclear Engineering | 10 | 3 | 1 | 1 | 3 | 1 | 1 | 0 | 10 | 0 | 100% |
| **Subtotal (with 1 double major)** | 361 | 217 | 24 | 7 | 54 | 43 | 9 | 9 | 355 | 1 |            |
| **TOTAL** | 360 | 216 | 24 | 7 | 54 | 43 | 9 | 9 | 355 | 1 | 100% |

<table>
<thead>
<tr>
<th>CLASS</th>
<th>% ANNUAL REPORT</th>
<th>% ONE YEAR LATER</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012-2013</td>
<td>95%</td>
<td>100%</td>
</tr>
<tr>
<td>2011-2012</td>
<td>95%</td>
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<tr>
<td>2010-2011</td>
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<td>88%</td>
<td>99%</td>
</tr>
<tr>
<td>2008-2009</td>
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</tr>
<tr>
<td>2007-2008</td>
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<tr>
<td>2006-2007</td>
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</tr>
<tr>
<td>2003-2004</td>
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## One-Year Update December 2013 - May 2014 PhD Graduates
(Graduates Reported in the 2014 Annual Report)

### COLLEGE AND PROGRAM

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<th># of Graduates</th>
<th>Industry</th>
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<th>Military</th>
<th>Grad School</th>
<th>Intl Returning to Country</th>
<th>Not Looking</th>
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<th>% Outcomes Contacted Students</th>
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<td><strong>College of Applied Science</strong></td>
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## Two-Year Update December 2012 - August 2013 BS Graduates

(Graduates Reported in the 2013 Annual Report)

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**Subtotal (30 double majors)**

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**TOTAL**

|                      | 824| 30| 578|15|12|161|27|21|5|847|6|

Note: Sub-totals are sum of the degrees earned. Totals are the actual number of individuals who graduated in each category.

### CLASS

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## Two-Year Update December 2012 - May 2013 PhD Graduates
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# Two-Year Update December 2012 - May 2013 PhD Graduates
(Graduates Reported in the 2013 Annual Report)

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Appendix B

Mines Recruiter List - August 2014 through July 2015
Organizations Recruiting by Online (DiggerNet) and/or On-Campus Participation
(BOLD and CAPs = On-Campus Career Day and/or Interviews/Information Sessions)

Abengoa Solar
ABS, AMERICAN BUREAU OF SHIPPING
Absio Corporation
AchieveGlobal
Achievement First
ADA Technologies, Inc.
Adaenue Inc
Adaptive Innovations
ADVANCED FORMING TECHNOLOGY
AE2S
AERA ENERGY
Aerocompact Inc.
AEROFLEX
Aes Group
Aether Investment Partners, LLC
AetherWorks
Agapito Associates, Inc.
Agilent Technologies
Agility Solutions
Agora Group Inc
AGRIUM WHOLESALE
AIG (American International Group)
Air Force Civilian Service
Air Methods
Air Sciences Inc.
AK STEEL
ALARM.COM
Aldea Services LLC
Alden Research Laboratory
Aleris
ALIO INDUSTRIES ROBOTICS
ALLEGION
Allison Transmission
ALSOENERGY
Alta Tutoring (Englewood, CO)
Altair Engineering
AMADEUS CONSULTING GROUP
Amatis Controls
Amazon
AMEC Environment & Infrastructure
AMERGINT TECHNOLOGIES
American Block Manufacturing Company
American Recreation Products
Americans for Prosperity-Colorado
ANADARKO PETROLEUM
Analytic Partners
ANGLOGOLD ASHANTI
ANHEUSER BUSCH
Ansyo, Inc
ANTERO RESOURCES
ANVIL CORPORATION
APACHE CORP
Apex Sourcing & Mfg. LLC
Apple Inc.
APPLIED CONTROL EQUIPMENT
Applied Process Inc.
Arapahoe County Government
ARCADIS
ARCELORMITTAL
ARCH COAL
Architecture Technology Corporation
Ariel Corporation
ARMSTRONG CONSULTANTS
Arup
ASARCO LLC
Aslan Construction, Inc.
Aspenoah, LLC
ASSURED FLOW SOLUTIONS
AT&T
ATI Specialty Alloys & Components
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Crystal River Oil and Gas
Cudd Energy Services
Current Tech Corporation
CVR Energy
CYPRESS SEMICONDUCTOR CORP
DAILY THERMETRICS
Dairy Engineering Company
Dairy Farmers of America
DAKOTA GASIFICATION
DAL-TILE CORPORATION
Dana Holding Corporation
Daniel B. Stephens & Associates, Inc.
Dassault Systemes
DataLogix
DaVita
DAWABI
DayNine
DCP MIDSTREAM
Decentrix
DekTec America
DELEK US HOLDINGS
Deloitte Consulting LLP
DENBURY RESOURCES
Denver District FDA
Denver Energy Group, LLC
Denver Industrial Pumps, Inc.
Denver Public Schools/Denver Math Fellows
DENVER TEACHER RESIDENCY
DENVER WATER DEPT.
Department of Homeland Security (APCP)
Department of Veterans Affairs
DEPT. OF THE INTERIOR - DIV. OF ENERGY
Dessert Companies
DEVON ENERGY CORPORATION
Digital Media Academy
Dimensional Fund Advisors
DISH Network
DistributionNOW
DM Flavors
DMC, INC.
Doctors Without Borders
Dohmen Life Science Services
Dolese Bros. Co.
Domainite.com
DOUBLE ENCORE
DOW CHEMICAL COMPANY
DOWL
DownUnder GeoSolutions
Drill Tech Drilling & Shoring Inc.
DRILLINGINFO
DSST Public Schools
DTE Energy Resources
Duke University- MAT Program
DuPont
DW-National Standard
E Source
E-470 Public Highway Authority (PHA)
EAGLE RIVER WATER & SANITATION DIST.
Eastern Union Funding
Eaton Corporation
ECOCION
EdgeConneX, Inc.
EDI, Ltd.
EDWARD KRAEMER & SONS, INC.
El Pomar Foundation
Electro Industries
Electro Magnetic Applications, Inc.
Electro Motive Diesel
Ellis Construction Specialties, LLC
ELLWOOD GROUP, INC.
Elsiwave Reservoir
EMC
Emerson ERS
Enbridge Energy Company
ENCANA CORPORATION
Encision INC.
Enercat.us
ENERGY CORPORATION OF AMERICA
ENERPLUS CORPORATION
EnerVest, Ltd
Engineered Solutions, Inc.
Engineering Fluid Solutions, LLC (EFS)
Engineering for Kids
ENTRÉE GOLD (US) INC.
Environmental Resources Management
EOG RESOURCES
EP ENERGY
EPC ENERGY SERVICES
EPIC
EQT CORPORATION
Escalera Resources Company
Esri
ESSMetron
EthosEnergy Group
EURAXESS Links North America
Everglades Foundation
EVRAZ North America
EVRAZ PUEBLO
Exelis
EXN Engineering, Inc.
Exponent
Extraction Oil & Gas
EXXONMOBIL
FAST ENTERPRISES
FBI (Federal Bureau of Investigation)
FCI CONSTRUCTORS
Federal Highway Administration
FEI Engineers
FIDELITY EXPLORATION & PRODUCTION
FIGS Engineering
First Leap
FJA-US
FLSmidth Krebs
FLUOR CORPORATION
Ford Audio Video
FOUR WINDS INTERACTIVE
FOX21 News
Freemyer Industrial Pressure
FREEPORT-MCMORAN
FREEWAVE TECHNOLOGIES
FRITO-LAY
Frontier Airlines
FTEN
FTI Consulting
FTS INTERNATIONAL
Galaxy i Technologies
Gallegos Corporation
GALLOWAY & COMPANY
GALT & COMPANY
Gaming Laboratories International
Gates Corporation
GCC of America
GEI CONSULTANTS, INC.
General Electric
General Shale, Inc.
Generation Teach
GENSCAPE INC.
Geo-Energy Services
GeoEngineers, Inc.
Geologic Data Systems
Geometrics
GEOSTABILIZATION INTERNATIONAL
Geosyntec
GERDAU
Ginkgo BioWorks
Global Control Systems, Inc.
Global Tungsten & Powders Corp.
Glorieta Geoscience, Inc.
GOFRAC, LLC
GOGO BUSINESS AVIATION
GOLDCORP
Golden Software, Inc.
Good Morning Education
Goodbay Technologies
Google, Inc.
GQR Global Markets
Grand County Water Information Network
Grand Teton National Park
GRASS VALLEY, A BELDEN BRAND
Great Oaks Foundation
Great West Financial
Group14 Engineering
Guidance Software
Gulfstream Aerospace
Gunslinger Custom Paint
GutCheck
Guy F. Atkinson Construction LLC
GYRODATA, INC.
H&Q Block
Habitat for Humanity International
Hach Company/Danaher
HALKER CONSULTING
HALLIBURTON
Hands-On Learning
Harris Kocher Smith
Harrity & Harrity LLP (Fairfax, VA)
Hayward Baker, Inc.
HCL Engineering and Surveying
HDR Engineering
HEALTH LANGUAGE
Healthcare Excellence Institute
HECLA MINING COMPANY
HEICO WIRE GROUP
Helwig Carbon Products, Inc
HENSEL PHELPS
Hepworth-Pawlak Geotechnical
HESS CORPORATION
Heuer Labs
HEWLETT PACKARD
HID Global
HILCORP ALASKA, LLC
Hilti North America
HITACHI CONSULTING
Hitachi High Technologies America
HOLCIM (US), INC.
HOLLAND & HART
HOLLYFRONTIER CORPORATION
Holy Cross Energy
Home Advisor
HONDA
HONEYWELL TECHNOLOGY SOLUTIONS
Horizon Well Logging, LLC
HOSPIRA BOULDER
HRS Water Consultants, Inc.
Human Rights Campaign
HUNT OIL COMPANY
IBM Design
IBM Systems and Technology Group
iCAST
ICE-O-MATIC
Iconergy
ID TECH
Idaho Department of Lands
IHS INC
ILX LIGHTWAVE
IMC Financial Markets
IMERYS
IMI plc
Incept Solutions Inc
Independent Project Analysis, Inc.
InfoPrint Solutions Company
INGERSOLL RAND/TRANE
Innovative Signal Analysis
Innovee Consulting LLC
INPWR, INC.
INROADS
InSightful Robotics
Institute for Computational Eng. & Sciences
Institute for Defense Analyses
Institute for Health Metrics and Evaluation, University of Washington
Integrated Corrosion Engineers LLC
INTEGRATED PETROLEUM TECHNOLOGIES
Intel Corporation (New Mexico)
INTELLIGENT SOFTWARE SOLUTIONS
IntelliProp Inc
IntelliSource
INTERA Incorporated
Intermountain Electronics
INTERSTATE HIGHWAY CONSTRUCTION
Intrepid Potash
Invesco
invi Labs, Inc.
IP Commerce, Inc
iReservoir.com, Inc.
IRIS/PASSCAL - NMT
IT Professionals @ Work GmbH
Iworks Interactive LLC
IX Power Clean Water
J.B. Hunt Transport, Inc.
J.R. Butler
<table>
<thead>
<tr>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>James W. Fowler Co.</td>
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<tr>
<td>Janus Capital Group</td>
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<tr>
<td>Jefferson County Government</td>
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<tr>
<td><strong>JEPPESEN SANDERSON INC.</strong></td>
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<tr>
<td>JMC Steel Group</td>
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<tr>
<td><strong>JOHNS MANVILLE</strong></td>
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<tr>
<td>Jonah Energy</td>
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<tr>
<td><strong>JOY GLOBAL</strong></td>
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<tr>
<td><strong>JR BUTLER</strong></td>
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<tr>
<td>JR Engineering</td>
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<tr>
<td><strong>JUNCTION SOLUTIONS</strong></td>
</tr>
<tr>
<td>Just Associates</td>
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<tr>
<td>K2 (Sourcecode Technologies)</td>
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<tr>
<td><strong>KAHUNA VENTURES</strong></td>
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<td>Kaiser Permanente</td>
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<td><strong>KANSAS DEPT. OF TRANSPORTATION</strong></td>
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<tr>
<td>Karcher North America</td>
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<td>Keane Group</td>
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<tr>
<td><strong>KECI COLORADO, INC.</strong></td>
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<tr>
<td>Kennedy/Jenks Consultants</td>
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<tr>
<td>Kenworth Truck Company</td>
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<tr>
<td><strong>KENZAN MEDIA</strong></td>
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<tr>
<td>Keyence Corporation</td>
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<td>Keysight Technologies</td>
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<td>KGHM - Robinson Nevada Mining Co.</td>
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<td><strong>KIEWIT CORPORATION</strong></td>
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<tr>
<td>Kilgore Engineering, Inc.</td>
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<td>Kimley Horn and Associates, Inc.</td>
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<tr>
<td><strong>KINROSS GOLD MINING</strong></td>
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<td>KIPP Colorado</td>
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<td>Kiteboat Project</td>
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<td><strong>KLEINFELDER</strong></td>
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<td>KLOK Group, LLC</td>
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<td>Knight Piesold</td>
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<td>Koch Exploration Company, LLC</td>
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<td>Kondex Corporation</td>
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<td>Kooima Company</td>
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<td>KPMG LLP</td>
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<td>Kumar &amp; Associates, Inc.</td>
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<td><strong>KURION, INC.</strong></td>
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<td><strong>LAFARGE NORTH AMERICA</strong></td>
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<td>Landon IP, Inc</td>
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<td>Laserfiche</td>
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<td>Legacy Links</td>
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<td><strong>LEHIGH HANSON</strong></td>
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<td>LEIDOS ENGINEERING</td>
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<td>Leppert Associates</td>
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<td><strong>LEVEL 3 COMMUNICATIONS</strong></td>
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<td>Lincoln Financial Group</td>
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<td><strong>LOCATION3 MEDIA, INC.</strong></td>
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<td><strong>LOCKHEED MARTIN</strong></td>
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<td><strong>LOGICAL SYSTEMS, LLC</strong></td>
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<td><strong>LONE STAR HEAT TREATING CORP.</strong></td>
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<td>Lonquist Field Service, LLC</td>
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<td>Loomis Sayles &amp; Co.</td>
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<td>Los Angeles County Dept. of Public Works</td>
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<td><strong>MAERSK OIL</strong></td>
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MARTIN/MARTIN, INC.
Match Education
MATRIX TECHNOLOGIES
MCCROMETER
MCDERMOTT
McGlamery Engineering Group
MCKINSEY & COMPANY
MCMILLEN JACOBS ASSOCIATES
MDA INFORMATION SYSTEMS
Meadowlark Optics
MedBridge
MEDKEEPER
MEDTRONIC
Meltwater Group
Mentor Graphics
MEP ENGINEERING
MERITAGE MIDSTREAM
MERRICK & COMPANY
Mersive
MESA LABS
Metaformers, Inc.
Metalsa
MetLife
Metro Denver Economic Development
Metro Wastewater Reclamation District
MICHAEL BAKER INTERNATIONAL
MICHELS CORPORATION
MICRO MOTION
MICROSEISMIC
MICROSOFT
Micro-Vu Corporation
MILENDER WHITE CONSTRUCTION
MillerCoors
Milwaukee Tool
Missile Defense Agency
Mississippi Lime Company
MITEK USA
MKS Instruments, Inc.
Molson Coors Brewing Company
Molycorp Minerals, LLC
Morgan Stanley
Motorola Solutions
Mountain Vector Energy
MSDU-HP STORAGE
Mu Sigma Inc
MULLER ENGINEERING COMPANY
Murray & Stafford, Inc.
mVentix Inc
MWH Global, Inc.
NALCO, an Ecolab Company
NASA -Undergraduate Research Program
NASDAQ OMX
National Ctr. for Atmospheric Research
NATIONAL INSTRUMENTS
NATIONAL OILWELL VARCO
NATIONAL RENEWABLE ENERGY LAB
National Security Agency
Nat’l. Institute of Standards and Technology
Natural Food Works
Natural Resources Defense Council
NATURAL SODA
Navigant Consulting, Inc.
NBCUniversal
NCAA (Indianapolis, IN)
NEBRASKA PUBLIC POWER DISTRICT
NeoTreks
NERA Economic Consulting
Nestle Purina
Nestle Waters North America
Neuralynx, Inc.
New Mexico State Investment Council
New Sky Energy
NEWFIELD EXPLORATION
Newfield Wireless
NEWMONT
Newport / ILX Lightwave
NFT
NIAGARA BOTTLING
NIMBL
NINYO & MOORE
NIST
NOBLE ENERGY
North LLC
NORTHROP GRUMMAN CORPORATION
Northwest Pipe
Promatrix Corp
Providence Infrastructure Consultants
Public Utility Commission of Texas
PubNub
**PUGET SOUND NAVAL SHIPYARD**
Purple Land Management
**QEP RESOURCES**
QES
Quadrant 4 Solutions, Inc
**QUALVU/24TRU**
Quantlab Financial, LLC
Quantum Corporation
Quantum Water Consulting
Quest Integrity Group
Radiant Logic, Inc
Rainbow Research Optics Inc.
**RANGE RESOURCES**
Rapid Applications Group
Raytheon Company
Reaction Systems, LLC
**READYTALK**
**RECONDO TECHNOLOGY**
Red Arrow Mfg
RedLine
RedZone Software
RefME
Remedial Construction Services, L.P.
Reno James Engineering
**REPSOL**
**RES AMERICAS**
Research Electro-Optics, Inc.
RESPEC
**RETURN PATH**
RezStream
RG and Associates, llc
**RICOH**
Ricondo & Associates, Inc.
Right On Learning
Right Response, LLC.
**RIGHT STUFF EQUIPMENT**
**RINCON RESEARCH CORPORATION**
RIO TINTO
**RK MECHANICAL**
RMD Kwikform
RMI (Rocky Mountain Instrument Co.)
**ROBOTS-4-U SCIENCE CAMP**
Rocket Software
Rocky Mountain Nature Association
Rocky Mountain Reagents, Inc.
Rocky Mountain Scientific Laboratory
**ROSETTA RESOURCES**
Roux Associates, Inc.
RT Logic
**RTD**
S. A. Miro, Inc.
S.S. Papadopulos
**SABINE STORAGE**
SAExploration
**SALESFORCE**
**SAMSON RESOURCES**
Sandia National Laboratories
SANDOZ
**SANDRIDGE ENERGY**
SANJEL
Santa Clara Valley Water District
SBE, Inc.
**SCHLUMBERGER**
SCI Engineering
**SCIENTIFIC DRILLING INC.**
Scope Technologies, Inc
**SCOT FORGE COMPANY**
Scuddle, Inc.
**SEAGATE TECHNOLOGY**
**SEAKR ENGINEERING**
Sears Holdings Corporation
Selman & Associates, Ltd
**SEM GROUP**
**SEMPRA U.S. GAS & POWER**
Sensera Systems
**SEVERSTAL NORTH AMERICA**
SGM
**SHELL**
Shift Forex
**SHIMMICK CONSTRUCTION**
Appendix B

SHORT ELLIOTT HENDRICKSON (SEH)
Sierra Detention Systems
SIGMA CUBED INC.
Signpost
SIKICH
Simpson Gumpertz & Heger Inc
Sinclair Crude Company
Sine Wall, LLC
SJR Environmental
SKANSKA USA
SkyView Academy
SM ENERGY
Smithsonian Institution
SOLIDFIRE
Solidyn Solutions, Inc.
SOLOR TURBINES
SOLVAY CHEMICALS
SomaLogic
SourceGas
SOUTHWESTERN ENERGY
SPACE DYNAMICS LABORATORY
Spatial Business Systems
SPAWAR Systems Center Pacific
Spectra Energy
SPECTRA LOGIC
SPECTRANETICS
Spider, a division of SafeWorks LLC
Spinfusion
Spirit Environmental LLC
Sport Court of the Rockies
Sports Authority
SPOTXCHANGE
Spyderco, Inc
SSAB
STANLEY CONSULTANTS
Stantec Consulting inc.
Startup Colorado
State of California
STATE STUDIOS
Statera, Inc
STATOIL
STEEL DYNAMICS
Stellar Science Ltd Co
STILLWATER MINING COMPANY
STOLLER NEWPORT NEWS NUCLEAR
Stonebridge
Storm Technologies, Inc
StrataGen Engineering
Stresscon Corporation
Structural Integrity Associates, Inc.
STRUCTURAL GROUP
Student Conservation Association
STV/GWD
SUMMIT COUNTY
SUMMIT MATERIALS
SUMMIT MIDSTREAM PARTNERS
SUNCOR ENERGY USA
Sundance Solutions
SUNDYNE CORPORATION
Sunset Stone, Inc.
Swanson Rink
SWIFTPAGE
Swiss Finance
Swisslog
Symplicity Corporation
T. D. Williamson, Inc.
Taft Engineering
TALLGRASS ENERGY
TD WILLIAMSON
TDA Research
TeamCFA
Tech Contractors
Teck Resources Ltd.
Teck Washington, Inc. (Pend Oreille Mine)
TeleTech
TELOGIS
TENARIS
Tendril, Inc.
TENOVA MINING & MINERALS USA
TermScout
Tesoro Companies, Inc.
TETRA TECH
TEXAS INSTRUMENTS
TGS
The 3D Printing Store
The Advisory Board Company
The Air Force Research Laboratory
The Borgen Project
The Boston Consulting Group
The Coleman Company, Inc.
The Delta School
The Dimension Group
The Edge
The Energy Authority
The Princeton Review
The Radler Foundation
THE RMH GROUP
The Vertex Companies
The Williams Companies
Third Way
Thomson Reuters
Thrive15.com
THYSSENKRUPP INDUSTRIAL SOLUTIONS
Timber Line Electric & Control Corp
TIMKENSTEEL CORPORATION
Tinker Air Force Base Engineering
TLH, PE, LLC
TMK IPSCO
Tolmar
TOMRA SORTING SOLUTIONS
Torus Americas, Inc.
Tower Engineering Professionals, Inc.
Towers Watson
Town of Superior
Tradeweb
TRANSPORTATION TECHNOLOGY CTR.
TransVac Systems
Travelpoint LP
TRAYLOR BROS., INC.
Tree Island Steel
TRELLEBORG SEALING SOLUTIONS
Triggit Inc
Trihydro Corporation
TRIMBLE NAVIGATION
TRINITY RIVER ENERGY
TRI-STATE GENERATION & TRANS. ASSOC.
Triston Construction
TST, Inc. of Denver
TURNER CONSTRUCTION
Tyco
TYLER TECHNOLOGIES
U.S. Department of Transportation
U.S. Energy Information Administration
U.S. Environmental Protection Agency
U.S. Geological Survey (USGS)
U.S. Office of Personnel Management
U.S. Steel Corporation (USS)
UC Berkeley, Haas School of Business
UC Office of the President
UCAR
ULTEIG ENGINEERS
UNAVCO, Inc.
Unicircuit, Inc.
Unimin Corporation
Union Electric Steel Corporation
United Launch Alliance
UNITED NRG
United Power
United States Air Force Academy
United States Patent and Trademark Office
Universal Achievement Tutoring and Coaching
Universal Industries, Inc.
Universal Stainless & Alloy Products
UNIVERSITY DIRECTORIES
University of Alabama
University of Colorado at Boulder
University of Nebraska-Lincoln
University of Southern California
Update International Inc
UPMC
UQM Technologies
Urban Drainage and Flood Control District
URS CORPORATION
US ARMY AVIATION & MISSILE RESEARCH
US ARMY MEDICAL RECRUITING
US CHEMICAL SAFETY BOARD
US GEOLOGICAL SURVEY
US NAVY NUCLEAR & ENG.
US NUCLEAR REGULATORY COMMISSION
US PATENT AND TRADEMARK OFFICE
USA Pool Direct
USDA Forest Service
USS-POSCO INDUSTRIES
Vaisala, Inc.
Valeant Pharmaceuticals International
Vali Cooper International (VCI)

VALLOUREC
Van Eck Global

VANDERBILT UNIVERSITY
Varsity Tutors
Ventex Oil & Gas
Ventyx
Veris Gold USA, Inc

VERIZON
VERMEER CORPORATION
Vesta Technology

VIASAT
Victaulic Company of America
Vine Laboratories Inc.
Virginia Tech Applied Research Corp.

VIRONEX
VISHAY INTERTECHNOLOGY
VULCAN MATERIALS
Wadsworth Control Systems, Inc.
Wagstaff, Inc
WalkMed Infusion, LLC
Walter P Moore
WARD PETROLEUM
Warmboard

WEATHERFORD INTERNATIONAL
WEBER METALS
Welkin Sciences
Welltok
Western Digital
Western Electricity Coordinating Council
Western Industrial Contractors, Inc.
Western Interstate Energy Board
Western Wyoming Community College
WesTest
WESTMORELAND COAL COMPANY
WESTON SOLUTIONS
Wexpro
Whale Path, Inc
White Sands Water Engineers
WHITING PETROLEUM

Wiland Direct
Wildblue Communications
Willbros Engineering
Wilson and Company

WIPRO TECHNOLOGIES
Wise Metals Group
WiseChalk

WISS, JANNEY, ELSTNER ASSOCIATES
WOLF ROBOTICS
Wolverine Tube Inc

WOOD GROUP KENNY (WGK)
WOODRIDGE SOFTWARE
WOODWARD
Woolpert, Inc.

WOOT MATH
WorldQuant LLC
Wowza Media Systems

WPX ENERGY
WSP USA
Wyoming Machinery Company

XCEL ENERGY
Xenon Inc.
Xilinx
Xpanxion, LLC
Xprudent Corporation

XTO ENERGY
ZACHRY CONSTRUCTION CORP
ZACHRY ENGINEERING CORP
ZAYO GROUP
ZF North America, Inc.
Zilsol

ZION ENGINEERING
This chapter of the 2014 - 2015 Colorado School of Mines Career Center Annual Report includes outcome details for the three colleges within the university including:

College of Applied Science & Engineering
   Chemical and Biological Engineering
   Chemistry and Geochemistry
   Metallurgical and Materials Engineering
   Physics

College of Engineering & Computational Sciences
   Applied Mathematics and Statistics
   Civil and Environmental Engineering
   Electrical Engineering and Computer Science
   Mechanical Engineering

College of Earth Resource Sciences & Engineering
   Economics and Business
   Geology and Geological Engineering
   Geophysics
   Liberal Arts and International Studies
   Mining Engineering
   Petroleum Engineering

Interdisciplinary Degree Programs
   Geochemistry
   Hydrology
   Materials Science
   Nuclear Science & Engineering
   Operations Research
   Underground Construction & Tunneling
This chapter of the 2014-2015 Colorado School of Mines Career Center Annual Report includes outcome details for the College of Applied Science and Engineering (CASE), and contains information on outcomes for the following academic departments:

Chemical and Biological Engineering

Chemistry and Geochemistry

Metallurgical and Materials Engineering

Physics
The Chemical Engineering Department Report for 2014 - 2015 includes the following information:

- Summary Data for Chemical & Biochemical Engineering (CB) and Chemical Engineering (CR)
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

### Chemical Engineering and Chemical & Biochemical Engineering Summary Data

<table>
<thead>
<tr>
<th></th>
<th># Grads</th>
<th>Industry</th>
<th>Gov't</th>
<th>Mil</th>
<th>Grad Sch</th>
<th>Intern'l</th>
<th>Not Looking</th>
<th>Outcomes %</th>
<th>Seeking</th>
<th>Average Salary Offer</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS - CB</td>
<td>42</td>
<td>22</td>
<td>1</td>
<td>0</td>
<td>9</td>
<td>0</td>
<td>3</td>
<td>83%</td>
<td>7</td>
<td>$66,269</td>
</tr>
<tr>
<td>BS - CR</td>
<td>60</td>
<td>31</td>
<td>4</td>
<td>0</td>
<td>8</td>
<td>0</td>
<td>2</td>
<td>75%</td>
<td>15</td>
<td>$69,324</td>
</tr>
<tr>
<td>MS - CR</td>
<td>13</td>
<td>10</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>100%</td>
<td>0</td>
<td>$72,176</td>
</tr>
<tr>
<td>PhD - CR</td>
<td>10</td>
<td>8</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>100%</td>
<td>0</td>
<td>$108,000</td>
</tr>
</tbody>
</table>

### Outcomes Detail

<table>
<thead>
<tr>
<th>Detailed Breakdown</th>
<th>Positions Accepted—Industry/Government</th>
<th>Graduate School</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Aerospace</td>
<td>Alt Energy</td>
</tr>
<tr>
<td>BS— CB</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>BS— CR</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>MS— CR</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>PhD— CR</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

### Post-Graduation Career Activity

Note: Each bar represents % of total graduates in the department.
### Internships for Chemical Engineering Department Students

The 2014-2015 graduates in this department reported completing internships with the following organizations while at CSM.

<table>
<thead>
<tr>
<th>Organization</th>
<th>Company</th>
<th>Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbott Laboratories</td>
<td>ExxonMobil</td>
<td>Phia Lab</td>
</tr>
<tr>
<td>Advanced Specialty Gases</td>
<td>Freeport-McMoRan</td>
<td>Phillips 66</td>
</tr>
<tr>
<td>All Day Vapor Labs</td>
<td>Hyde Engineering and Consulting</td>
<td>Probiotic Fermentation</td>
</tr>
<tr>
<td>Anglo Gold Ashanti</td>
<td>Hydrate Lab</td>
<td>Sandoz</td>
</tr>
<tr>
<td>APECS</td>
<td>Jindal Steel Works</td>
<td>Schlumberger</td>
</tr>
<tr>
<td>Apex International Manufacturing</td>
<td>Johns Mansville</td>
<td>Shell</td>
</tr>
<tr>
<td>Belcaro</td>
<td>Kahuna Ventures</td>
<td>Sinclair Oil</td>
</tr>
<tr>
<td>Boval Company</td>
<td>Lexmark International</td>
<td>Spectranetics</td>
</tr>
<tr>
<td>BP</td>
<td>Marquis Alliance</td>
<td>Stillwater Mining Company</td>
</tr>
<tr>
<td>Cabot Microelectronics Corporation</td>
<td>Maupin Research Group</td>
<td>STV/GWD</td>
</tr>
<tr>
<td>Casey Industrial</td>
<td>Meritage Midstream Services</td>
<td>Suncor Energy</td>
</tr>
<tr>
<td>CH2M Hill</td>
<td>Microfluidics Lab</td>
<td>The Vertex Companies</td>
</tr>
<tr>
<td>Chata Biosolutions</td>
<td>MWH</td>
<td>Trane</td>
</tr>
<tr>
<td>Chevron</td>
<td>NIST</td>
<td>Trican Completion Solutions</td>
</tr>
<tr>
<td>CIEMACS</td>
<td>Norgren</td>
<td>University of New Mexico</td>
</tr>
<tr>
<td>Comanche Peak Nuclear Power Plant</td>
<td>NREL</td>
<td>Vitro Biopharma</td>
</tr>
<tr>
<td>ConocoPhillips</td>
<td>NTIA/ITS</td>
<td>VP Racing Fuels</td>
</tr>
<tr>
<td>Craters and Freighters</td>
<td>Occidental Petroleum</td>
<td>White Wave Foods</td>
</tr>
<tr>
<td>Eindhoven University of Tech</td>
<td>P&amp;G</td>
<td>Williams</td>
</tr>
<tr>
<td>EPC Energy Services</td>
<td>Xcel Energy</td>
<td></td>
</tr>
</tbody>
</table>

Other internship opportunities for this department appeared in DiggerNet during the 2014-2015 year, including:

<table>
<thead>
<tr>
<th>Organization</th>
<th>Company</th>
<th>Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA Technologies</td>
<td>Dairy Engineering</td>
<td>Nalco</td>
</tr>
<tr>
<td>Air Sciences</td>
<td>Denver Water Department</td>
<td>Newmannt Mining</td>
</tr>
<tr>
<td>Anadarko</td>
<td>Digital Media Academy</td>
<td>Noble Energy</td>
</tr>
<tr>
<td>Anheuser-Busch</td>
<td>Dow Chemical</td>
<td>Oasis Petroleum</td>
</tr>
<tr>
<td>Antero Resources</td>
<td>Eagle River Water and Sanitation</td>
<td>Orbital ATK</td>
</tr>
<tr>
<td>ArcelorMittal</td>
<td>Encana Oil &amp; Gas</td>
<td>Performance Associates International</td>
</tr>
<tr>
<td>Baker Hughes</td>
<td>Encision</td>
<td>Pigler Automation</td>
</tr>
<tr>
<td>Barr Engineering</td>
<td>EPA</td>
<td>Raytheon Company</td>
</tr>
<tr>
<td>BHP Billiton</td>
<td>EQT Corporation</td>
<td>Research Electro-Optics</td>
</tr>
<tr>
<td>Blount International</td>
<td>Global Tungsten &amp; Powders</td>
<td>Rio Tinto</td>
</tr>
<tr>
<td>Burns &amp; McDonnell</td>
<td>Halliburton</td>
<td>SandRidge Energy</td>
</tr>
<tr>
<td>C12 Energy</td>
<td>Hess Corporation</td>
<td>Seagate</td>
</tr>
<tr>
<td>Calpine Corporation</td>
<td>IBM</td>
<td>SJR Environmental</td>
</tr>
<tr>
<td>CB&amp;I</td>
<td>Intrepid Potash</td>
<td>SourceGas</td>
</tr>
<tr>
<td>Chesapeake Energy</td>
<td>Jonah Energy</td>
<td>Suncor Energy USA</td>
</tr>
<tr>
<td>CHS</td>
<td>Lhoist North America</td>
<td>Sundyne Corporation</td>
</tr>
<tr>
<td>Colorado Oil &amp; Gas Cons Comm</td>
<td>Linn Energy</td>
<td>TDA Research</td>
</tr>
<tr>
<td>Colorado Springs Utilities</td>
<td>Lockeed Martin</td>
<td>Tesoro Companies</td>
</tr>
<tr>
<td>CoorsTek</td>
<td>LSI</td>
<td>Tetra Tech MM</td>
</tr>
<tr>
<td>Corden Pharma Colorado</td>
<td>Marathon Oil</td>
<td>Texas Instruments</td>
</tr>
<tr>
<td>Crescent Point Energy</td>
<td>Merrick &amp; Company</td>
<td>Whiting Petroleum Corporation</td>
</tr>
<tr>
<td>Cudd Energy Services</td>
<td>MillerCoors</td>
<td>Woodward, Inc</td>
</tr>
</tbody>
</table>
The Chemistry & Geochemistry Department Report for 2014-2015 includes the following information:

- Summary Data Chemistry (CH) including BS Biochemistry and Environmental specialties, MS and PhD Applied Chemistry (CH), and Geochemistry (GC)
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

### Chemistry & Geochemistry Summary Data

<table>
<thead>
<tr>
<th></th>
<th># Grads</th>
<th>Industry</th>
<th>Gov't</th>
<th>Military</th>
<th>Grad Sch</th>
<th>Intern'l</th>
<th>Not Looking</th>
<th>Outcomes %</th>
<th>Seeking</th>
<th>Average Salary Offer</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS - CH</td>
<td>13</td>
<td>5</td>
<td>1</td>
<td>0</td>
<td>6</td>
<td>0</td>
<td>0</td>
<td>92%</td>
<td>1</td>
<td>$48,173</td>
</tr>
<tr>
<td>MS - CH</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>50%</td>
<td>1</td>
<td>$72,000</td>
</tr>
<tr>
<td>MS—GC</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>100%</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>PhD - CH</td>
<td>12</td>
<td>2</td>
<td>4</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>2</td>
<td>100%</td>
<td>0</td>
<td>$59,333</td>
</tr>
<tr>
<td>PhD - GC</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>N/A</td>
<td>0</td>
<td>N/A</td>
</tr>
</tbody>
</table>

* N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

### Outcomes Detail

#### Detailed Breakdown

<table>
<thead>
<tr>
<th>Detailed Breakdown</th>
<th>Positions Accepted—Industry/Government</th>
<th>Graduate School</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Biotech</td>
<td>Mfg.</td>
</tr>
<tr>
<td>BS - CH</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>MS - CH</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>MS—GC</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>PhD - CH</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>PhD - GC</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

### Post-Graduation Career Activity

Note: Each bar represents % of total graduates in the department
Chemistry & Geochemistry Department Outcomes Perspective

Chemistry BS Graduates 10-year Outcomes Perspective

Chemistry MS Graduates 10-year Outcomes Perspective

Chemistry PhD Graduates 10-year Outcomes Perspective
Geochemistry Outcomes Perspective

Geochemistry MS Graduates 10-year Outcomes Perspective

Geochemistry PhD Graduates 10-year Outcomes Perspective

Chemistry & Geochemistry Department Salary Perspective *

* There is not enough historical salary data to be reliable for MS or PhD candidates, therefore graphs are not provided.

Chemistry BS Graduates 10-year Salary Perspective
## Internships for Chemistry & Geochemistry Department Students

The 2014 -2015 graduates in this department reported completing internships with the following organizations while at CSM.

<table>
<thead>
<tr>
<th>Arapaho County Coroners Office</th>
<th>Jefferson Sheriffs Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bayer Healthcare</td>
<td>NREL</td>
</tr>
<tr>
<td>Colorado Bureau of Investigation</td>
<td>NTIA/ITS</td>
</tr>
<tr>
<td>ENRC</td>
<td>Technion</td>
</tr>
<tr>
<td>Integrity Bio</td>
<td>USGS</td>
</tr>
</tbody>
</table>

Other internship opportunities for this department appeared in DiggerNet during the 2014—2015 year, including:

<table>
<thead>
<tr>
<th>Anadarko Petroleum</th>
<th>IBM</th>
<th>Phia Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battelle Memorial Institute</td>
<td>Institute for Comp Eng and Sci</td>
<td>Rio Tinto</td>
</tr>
<tr>
<td>BLM</td>
<td>IX Power Clean Water</td>
<td>Sandia National Laboratories</td>
</tr>
<tr>
<td>Cimarex Energy</td>
<td>Lhoist North America</td>
<td>Seagate</td>
</tr>
<tr>
<td>Colorado Springs Utilities</td>
<td>Nalco</td>
<td>Sempra U.S. Gas &amp; Power</td>
</tr>
<tr>
<td>Dassault Systems</td>
<td>Nestle Waters North America</td>
<td>Statoil Gulf of Mexico</td>
</tr>
<tr>
<td>Denver District FDA</td>
<td>Newmont Mining Corporation</td>
<td>Sundyne</td>
</tr>
<tr>
<td>Denver Water Department</td>
<td>NIST</td>
<td>U.S. OPM</td>
</tr>
<tr>
<td>EOG Resources</td>
<td>ORISE</td>
<td>Unicircuit</td>
</tr>
<tr>
<td>Evraz Pueblo</td>
<td>P&amp;G</td>
<td>United NRG</td>
</tr>
<tr>
<td>Global Tungsten &amp; Powders</td>
<td>Pacific Northwest National Lab</td>
<td></td>
</tr>
<tr>
<td>Halliburton</td>
<td>Parsons</td>
<td></td>
</tr>
</tbody>
</table>
The Metallurgical & Materials Engineering Department Report for 2014-2015 includes the following:

- Summary Data for Metallurgical and Materials Engineering (MT) and Materials Science (ML)
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Salary

### Metallurgical Engineering & Materials Science Summary Data

<table>
<thead>
<tr>
<th></th>
<th># Grads</th>
<th>Industry</th>
<th>Gov't</th>
<th>Military</th>
<th>Grad Sch</th>
<th>Intern'</th>
<th>Not Looking</th>
<th>Outcomes %</th>
<th>Seeking</th>
<th>Average Salary Offer</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS – MT</td>
<td>37</td>
<td>23</td>
<td>0</td>
<td>0</td>
<td>9</td>
<td>3</td>
<td>1</td>
<td>97%</td>
<td>1</td>
<td>$60,917</td>
</tr>
<tr>
<td>MS – MT</td>
<td>9</td>
<td>5</td>
<td>0</td>
<td>0</td>
<td>2</td>
<td>2</td>
<td>0</td>
<td>100%</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>PhD – MT</td>
<td>8</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>100%</td>
<td>0</td>
<td>$84,667</td>
</tr>
<tr>
<td>MS – ML</td>
<td>7</td>
<td>0</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>86%</td>
<td>1</td>
<td>N/A</td>
</tr>
<tr>
<td>PhD – ML</td>
<td>10</td>
<td>2</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>5</td>
<td>0</td>
<td>100%</td>
<td>0</td>
<td>$81,667</td>
</tr>
</tbody>
</table>

* N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

### Outcomes Detail

#### Detailed Breakdown

<table>
<thead>
<tr>
<th>Detailed Breakdown</th>
<th>Positions Accepted—Industry/Government Summary</th>
<th>Graduate School</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Aero / Defense</td>
<td>Transport</td>
</tr>
<tr>
<td>BS – MT</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>MS – MT</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>PhD – MT</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>MS – ML</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>PhD – ML</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

### Post-Graduation Career Activity

Note: Each bar represents % of total graduates in the department

- BS: % Graduate School
- MS - MT: % Industry or Government
- MS - ML: % Outcomes
- PhD - MT: % Industry or Government
- PhD - ML: % Outcomes
Metallurgical & Materials Engineering Department Outcomes Perspective

Metallurgical & Materials Engineering BS Graduates 10-year Outcomes Perspective

Metallurgical & Materials Engineering MS Graduates 10-year Outcomes Perspective

Metallurgical & Materials Engineering PhD Graduates 10-year Outcomes Perspective

Materials Science MS Graduates 10-year Outcomes Perspective
Metallurgical & Materials Engineering Department Outcomes Perspective (cont’d)

Materials Science PhD Graduates 10-year Outcomes Perspective

Metallurgical & Materials Engineering Department Salary Perspective *

* There is not enough historical salary data to be reliable for Material Science MS or any PhD candidates; no graphs provided.

Metallurgical & Materials Engineering BS Graduates 10-year Salary Perspective

Metallurgical & Materials Engineering MS Graduates 10-year Salary Perspective

Metallurgical & Materials Engineering PhD Graduates 10-year Salary Perspective
## Internships for Metallurgical & Materials Engineering Students

The 2014 -2015 graduates in this department reported completing internships with the following organizations while at CSM.

<table>
<thead>
<tr>
<th>Internship Name</th>
<th>Organization Name</th>
<th>Organization Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aeroflex Microelectronic Sol</td>
<td>Freeport McMoRan</td>
<td>Novelis</td>
</tr>
<tr>
<td>Air Force Research Lab</td>
<td>GE plastics</td>
<td>NREL</td>
</tr>
<tr>
<td>Ames Laboratory</td>
<td>Gerdau</td>
<td>Nucor Steel</td>
</tr>
<tr>
<td>ArcelorMittal</td>
<td>Hattenburg Dilley and Linnell</td>
<td>PCC Special Metals</td>
</tr>
<tr>
<td>ASARCO</td>
<td>Hazen Research</td>
<td>SABIC</td>
</tr>
<tr>
<td>Biomicrobics</td>
<td>ITN Energy Systems</td>
<td>Sandia National Labs</td>
</tr>
<tr>
<td>California Steel Industries</td>
<td>J.R. Simplot Company</td>
<td>Saudi Basic Industries Corporation</td>
</tr>
<tr>
<td>Chandler Industries</td>
<td>Johns Manville</td>
<td>Savannah River National Lab</td>
</tr>
<tr>
<td>Chevron ETC</td>
<td>Kinder Morgan</td>
<td>SSAB Iowa</td>
</tr>
<tr>
<td>Climax Molybdenum</td>
<td>Kroll Inst for Extractive Metallurgy</td>
<td>TMK IPSCO</td>
</tr>
<tr>
<td>Dow Chemical</td>
<td>Los Alamos National Laboratories</td>
<td>Unicircuit</td>
</tr>
<tr>
<td>ESM Group</td>
<td>NIST</td>
<td>United States Geologic Survey</td>
</tr>
</tbody>
</table>

Other internship opportunities for this department appeared in DiggerNet during the 2014 -2015 year, including:

<table>
<thead>
<tr>
<th>Internship Name</th>
<th>Organization Name</th>
<th>Organization Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA Technologies</td>
<td>Hecla Mining Company</td>
<td>Raytheon</td>
</tr>
<tr>
<td>Advanced Forming Technology</td>
<td>Honda</td>
<td>Rio Tinto</td>
</tr>
<tr>
<td>AK Steel</td>
<td>IBM</td>
<td>Scot Forge Company</td>
</tr>
<tr>
<td>Applied Process Inc.</td>
<td>iMERYS</td>
<td>Shell</td>
</tr>
<tr>
<td>Baker Hughes</td>
<td>Intrepid Potash</td>
<td>Timken Steel</td>
</tr>
<tr>
<td>CoorsTek</td>
<td>MKS Instruments</td>
<td>Univ Stainless &amp; Alloy Products</td>
</tr>
<tr>
<td>Eaton Corporation</td>
<td>Oak Ridge Institute</td>
<td>WesTest</td>
</tr>
<tr>
<td>ExxonMobil</td>
<td>Orbital ATK</td>
<td>Woodward</td>
</tr>
<tr>
<td>Global Tungsten &amp; Powders</td>
<td>Procter &amp; Gamble</td>
<td></td>
</tr>
</tbody>
</table>
The Physics Department Report for 2014 - 2015 includes the following information:

- Summary Data for Engineering Physics B.S. and Applied Physics M.S. and PhD
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

### Physics Department Summary Data

<table>
<thead>
<tr>
<th></th>
<th># Grads</th>
<th>Industry</th>
<th>Gov't</th>
<th>Military</th>
<th>Grad Sch</th>
<th>Intern'l</th>
<th>Not Looking</th>
<th>Outcomes %</th>
<th>Seeking</th>
<th>Average Salary Offer</th>
</tr>
</thead>
<tbody>
<tr>
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<td>4</td>
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<td>MS</td>
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<td>0</td>
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<td>0</td>
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<td>100%</td>
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<td>$53,250</td>
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</table>

### Outcomes Detail

#### Detailed Breakdown

<table>
<thead>
<tr>
<th>Detailed Breakdown</th>
<th>Positions Accepted—Industry/Government Summary</th>
<th>Graduate School</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Aerospace</td>
<td>Consulting</td>
</tr>
<tr>
<td>BS</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>MS</td>
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<td>3</td>
</tr>
<tr>
<td>PhD</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

### Post-Graduation Career Activity

Note: Each bar represents % of total graduates in the department.
Physics Department Outcomes Perspective

Engineering Physics BS Graduates 10-year Outcomes Perspective

Applied Physics MS Graduates 10-year Outcomes Perspective

Applied Physics PhD Graduates 10-year Outcomes Perspective
Physics Department Salary Perspective

**Engineering Physic B.S. Salary Perspective**

- 2005-2006: $40,000
- 2006-2007: $40,000
- 2007-2008: $40,000
- 2008-2009: $40,000
- 2009-2010: $40,000
- 2010-2011: $40,000
- 2011-2012: $40,000
- 2012-2013: $40,000
- 2013-2014: $40,000
- 2014-2015: $40,000

**Physics MS Graduates 10-year Salary Perspective**

- 2005-2006: $20,000
- 2006-2007: $40,000
- 2007-2008: $60,000
- 2008-2009: $80,000
- 2009-2010: $100,000
- 2010-2011: $100,000
- 2011-2012: $100,000
- 2012-2013: $100,000
- 2013-2014: $100,000
- 2014-2015: $100,000

**Physics PhD Graduates 10-year Salary Perspective**

- 2005-2006: $60,000
- 2006-2007: $60,000
- 2007-2008: $60,000
- 2008-2009: $60,000
- 2009-2010: $60,000
- 2010-2011: $60,000
- 2011-2012: $60,000
- 2012-2013: $60,000
- 2013-2014: $60,000
- 2014-2015: $60,000
Internships for Physics Department Students

The 2014—2015 graduates in this department reported completing internships with the following organizations while at CSM.

<table>
<thead>
<tr>
<th>Airbus GmbH</th>
<th>IEEE</th>
<th>National Ocean /Atmosphere Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alarm.com</td>
<td>Inst for Pure and Applied Math</td>
<td>Orbital ATK</td>
</tr>
<tr>
<td>ALIO</td>
<td>Intelligent Software Solutions</td>
<td>Pursuit Dynamics</td>
</tr>
<tr>
<td>Ascent Solar</td>
<td>Junction Solutions</td>
<td>QCI</td>
</tr>
<tr>
<td>APRO</td>
<td>KMLabs</td>
<td>Sensera Systems</td>
</tr>
<tr>
<td>Ball Aerospace</td>
<td>KNS Communications</td>
<td>Silver High Energy</td>
</tr>
<tr>
<td>Boocore</td>
<td>Lawrence Livermore National Lab</td>
<td>Sinton Instruments</td>
</tr>
<tr>
<td>Cable Labs</td>
<td>Location3 Media</td>
<td>Stanford University</td>
</tr>
<tr>
<td>CSM Center for Space Resources</td>
<td>Medkeeper</td>
<td>Tacuna Systems</td>
</tr>
<tr>
<td>CSM REMRSEC</td>
<td>MEP Engineering</td>
<td>Texas Instruments</td>
</tr>
<tr>
<td>DataVerity</td>
<td>MIT</td>
<td>University of California Davis</td>
</tr>
<tr>
<td>Emergenetics International</td>
<td>MV Systems</td>
<td>University of Colorado</td>
</tr>
<tr>
<td>Gearzy</td>
<td>NA Network of Science Labs</td>
<td>USGS</td>
</tr>
<tr>
<td>Heuer Engineering</td>
<td>NASA Kennedy Space Center</td>
<td>USMC Officer Candidates School</td>
</tr>
<tr>
<td>Hofstädter Analytical Services</td>
<td>National Astro Observatory of Japan</td>
<td>Vapor Technologies</td>
</tr>
<tr>
<td>Hoschule Muenchen</td>
<td>National Inst. Standards/Technology</td>
<td>Vescent Photonics</td>
</tr>
</tbody>
</table>

Other internship opportunities in DiggerNet for this department’s students during the 2014-2015 year included:

<table>
<thead>
<tr>
<th>Abengoa Solar</th>
<th>ESRI - GIS</th>
<th>Kilgore Engineering</th>
<th>Ready Talk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Forming Tech.</td>
<td>Fast Enterprises</td>
<td>LGS Innovations</td>
<td>Research Electro-Optics</td>
</tr>
<tr>
<td>Agilent Technologies</td>
<td>Four Winds Interactive</td>
<td>Lhoist North America</td>
<td>RezStream</td>
</tr>
<tr>
<td>Air Methods</td>
<td>Gogo Business Aviation</td>
<td>Light Foundry</td>
<td>RT Logic</td>
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<tr>
<td>Air Sciences</td>
<td>Google</td>
<td>Lockheed Martin</td>
<td>Sandia National Lab</td>
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<tr>
<td>Anadarko</td>
<td>Gulfstream Aerospace</td>
<td>LT Environmental</td>
<td>Seagate</td>
</tr>
<tr>
<td>ArcelorMittal</td>
<td>Hewlett-Packard</td>
<td>MapQuest</td>
<td>Spinfusion</td>
</tr>
<tr>
<td>ATMEL</td>
<td>Hitachi Consulting</td>
<td>Medtronic SNT</td>
<td>SpotXChange</td>
</tr>
<tr>
<td>Auris Surgical Robotics</td>
<td>Holland &amp; Hart</td>
<td>Microsoft</td>
<td>Sundyne Corporation</td>
</tr>
<tr>
<td>BiblioVault</td>
<td>Honda</td>
<td>MKS Instruments</td>
<td>Tendril</td>
</tr>
<tr>
<td>Centerline Solutions</td>
<td>IBM Design</td>
<td>NREL</td>
<td>The 3D Printing Store</td>
</tr>
<tr>
<td>Chevron</td>
<td>InfoPrint Solutions</td>
<td>Numerica</td>
<td>Tri-State Gen/Trans</td>
</tr>
<tr>
<td>ClickFox</td>
<td>IP Commerce</td>
<td>nVoq</td>
<td>UCAR</td>
</tr>
<tr>
<td>Comcast</td>
<td>Iworks Interactive</td>
<td>Oak Ridge Institute</td>
<td>Update International</td>
</tr>
<tr>
<td>CoorsTek</td>
<td>Jeppesen</td>
<td>Pacific Northwest Lab</td>
<td>Woodward</td>
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<tr>
<td>Craftsy</td>
<td>Jonah Energy</td>
<td>Paragon 28</td>
<td>Woot Math</td>
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<tr>
<td>Ecocion Environmental</td>
<td>Karcher</td>
<td>Pigler Automation</td>
<td>XCEL Energy</td>
</tr>
<tr>
<td>Epic</td>
<td>Kiewit Infrastructure</td>
<td>PMC</td>
<td>Zayo Group</td>
</tr>
</tbody>
</table>
This chapter of the 2014 - 2015 Colorado School of Mines Career Center Annual Report includes outcome details for the College of Engineering and Computational Sciences (CECS), and contains outcomes information for the following academic departments:

- Applied Mathematics and Statistics
- Civil and Environmental Engineering
- Electrical Engineering and Computer Science
- Mechanical Engineering
The Applied Mathematics and Statistics Department Report for 2014-2015 includes the following:

- Summary Data for BS Computational & Applied Mathematics and Statistics and the MS Applied Mathematics & Statistics
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

### Applied Mathematics & Statistics Summary Data

<table>
<thead>
<tr>
<th></th>
<th># Grads</th>
<th>Industry</th>
<th>Gov't</th>
<th>Military</th>
<th>Grad Sch</th>
<th>Intern'l</th>
<th>Not Looking</th>
<th>Outcomes</th>
<th>Seeking</th>
<th>Average Salary Offer</th>
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</thead>
<tbody>
<tr>
<td>BS - MA</td>
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<td>8</td>
<td>0</td>
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<tr>
<td>MS - MA</td>
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<td>0</td>
<td>0</td>
<td>100%</td>
<td>0</td>
<td>$66,333</td>
</tr>
<tr>
<td>PhD - MA</td>
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<td>0</td>
<td>0</td>
<td>0</td>
<td>100%</td>
<td>0</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Outcomes Detail

#### Detailed Breakdown

<table>
<thead>
<tr>
<th>Detailed Breakdown</th>
<th>Positions Accepted—Industry/Government Summary</th>
<th>Graduate School</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Aero - Defense</td>
<td>Oil &amp; Gas</td>
</tr>
<tr>
<td>BS - MA</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>MS - MA</td>
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<td>1</td>
</tr>
<tr>
<td>PhD - MA</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

### Post-Graduation Career Activity

Note: Each bar represents % of total graduates in the department
Applied Mathematics & Statistics Department Outcomes Perspective

Applied Mathematics & Statistics BS Graduates 10-year Outcomes Perspective

Applied Mathematics & Statistics MS Graduates 10-year Outcomes Perspective

Applied Mathematics & Statistics PhD Graduates 10-year Outcomes Perspective
**Applied Mathematics & Statistics Department Salary Perspective**

There is not enough historical salary data to be reliable for PhD candidates, therefore a graph is not provided.

**Applied Mathematics & Statistics BS 10-year Salary Perspective**

<table>
<thead>
<tr>
<th>Year Range</th>
<th>Salary</th>
<th>Year Range</th>
<th>Salary</th>
<th>Year Range</th>
<th>Salary</th>
<th>Year Range</th>
<th>Salary</th>
<th>Year Range</th>
<th>Salary</th>
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<th>Salary</th>
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<tbody>
<tr>
<td>2005-2006</td>
<td>$0</td>
<td>2006-2007</td>
<td>$20,000</td>
<td>2007-2008</td>
<td>$40,000</td>
<td>2008-2009</td>
<td>$60,000</td>
<td>2009-2010</td>
<td>$80,000</td>
<td>2010-2011</td>
<td>$100,000</td>
</tr>
<tr>
<td>2011-2012</td>
<td>$80,000</td>
<td>2012-2013</td>
<td>$60,000</td>
<td>2013-2014</td>
<td>$40,000</td>
<td>2014-2015</td>
<td>$20,000</td>
<td>2015-2016</td>
<td>$0</td>
<td>2016-2017</td>
<td>$0</td>
</tr>
</tbody>
</table>

**Applied Mathematics & Statistics MS 10-year Salary Perspective**

<table>
<thead>
<tr>
<th>Year Range</th>
<th>Salary</th>
<th>Year Range</th>
<th>Salary</th>
<th>Year Range</th>
<th>Salary</th>
<th>Year Range</th>
<th>Salary</th>
<th>Year Range</th>
<th>Salary</th>
<th>Year Range</th>
<th>Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005-2006</td>
<td>$0</td>
<td>2006-2007</td>
<td>$20,000</td>
<td>2007-2008</td>
<td>$40,000</td>
<td>2008-2009</td>
<td>$60,000</td>
<td>2009-2010</td>
<td>$80,000</td>
<td>2010-2011</td>
<td>$100,000</td>
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<tr>
<td>2011-2012</td>
<td>$80,000</td>
<td>2012-2013</td>
<td>$60,000</td>
<td>2013-2014</td>
<td>$40,000</td>
<td>2014-2015</td>
<td>$20,000</td>
<td>2015-2016</td>
<td>$0</td>
<td>2016-2017</td>
<td>$0</td>
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**Internships for Applied Mathematics and Statistics Students**

The 2014-2015 graduates in this department reported completing internships with the following organizations while at CSM.

- AlchemyAPI
- Ascend Analytics
- Bentek Energy
- Bit-Systems
- Colorado HealthOP
- Eagle County Emergency Management Department
- EchoStar Corporation
- EPC
- Exelis
- ExxonMobil
- Fast Enterprises
- Health Language
- Hong Kong University of Science and Technology
- Institute for Pure and Applied Mathematics
- LGS Innovations
- Lockheed Martin
- Los Alamos National Lab
- Milliman Property & Casualty
- National Renewable Energy Lab (NREL)
- Northwestern Mutual Financial Network
- Recondo Technology
- Reglera
- Rice University
- SAIC
- Sandia National Laboratories
- UCLA IPAM REU
- USDA Wildlife Services
- USGS
- Xentity
- Xentity
Internships for Applied Mathematics and Statistics Students (cont’d)

Other internship opportunities for this department appeared in DiggerNet during the 2014-2015 year, including:

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<thead>
<tr>
<th>Company Name</th>
<th>Other Company Name</th>
<th>Company Name</th>
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<td>Platts/McGraw Hill</td>
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<tr>
<td>Achieve Global</td>
<td>Genscape</td>
<td>Progressive Insurance</td>
</tr>
<tr>
<td>Air Force Research Lab</td>
<td>Great West Financial</td>
<td>QES</td>
</tr>
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<td>Air Sciences</td>
<td>Healthcare Excellence Inst.</td>
<td>Rio Tinto</td>
</tr>
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<td>Anadarko Petroleum</td>
<td>Hitachi</td>
<td>Schlumberger</td>
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<td>Aspenoah</td>
<td>iCAST</td>
<td>Seagate</td>
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<td>Iconergy</td>
<td>Sensera Systems</td>
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<td>Avaya</td>
<td>IHS Inc.</td>
<td>SomaLogic</td>
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<td>Baker Hughes</td>
<td>IMC Financial Markets</td>
<td>SourceGas</td>
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<tr>
<td>BlueStamp Engineering</td>
<td>Inst. Computational Engineering</td>
<td>Sport Court of the Rockies</td>
</tr>
<tr>
<td>Boecore</td>
<td>Invesco</td>
<td>Sports Authority</td>
</tr>
<tr>
<td>Bortz Media &amp; Sports Group</td>
<td>IP Commerce</td>
<td>SpotXChange</td>
</tr>
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<td>Boston Consulting Group</td>
<td>J.B. Hunt Transport</td>
<td>Swiss Finance</td>
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<td>Boulder County Grants Program</td>
<td>Janus</td>
<td>Tallgrass Energy</td>
</tr>
<tr>
<td>Bureau of Land Management</td>
<td>MapQuest</td>
<td>Teck Resources</td>
</tr>
<tr>
<td>Catholic Health Initiatives</td>
<td>Medtronic SNT</td>
<td>TermScout</td>
</tr>
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<td>Cigna</td>
<td>Morgan Stanley</td>
<td>Thomson Reuters</td>
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<td>City of Lakewood</td>
<td>MWH Global</td>
<td>TMK IPSCO</td>
</tr>
<tr>
<td>Colorado Dept. Transportation</td>
<td>NASA - Undergrad Research</td>
<td>Tolmar</td>
</tr>
<tr>
<td>Colorado Secretary of State</td>
<td>NASDAQ OMX</td>
<td>TravelPort</td>
</tr>
<tr>
<td>Community Resource center</td>
<td>Nat’l Inst. Standards/Technology</td>
<td>UCAR</td>
</tr>
<tr>
<td>ConocoPhillips</td>
<td>Navigant</td>
<td>United Launch Alliance</td>
</tr>
<tr>
<td>Consumer Financial Protection</td>
<td>Nestle Purina</td>
<td>U.S. OPM - Pathways</td>
</tr>
<tr>
<td>CoorsTek</td>
<td>Numerica</td>
<td>Vermeer Corporation</td>
</tr>
<tr>
<td>Craftsy</td>
<td>Oak Ridge Institute</td>
<td>Virginia Tech Applied Research</td>
</tr>
<tr>
<td>CSM Research Administration</td>
<td>Oppenheimer Funds</td>
<td>Wowza Media Systems</td>
</tr>
<tr>
<td>Dassault Systemes</td>
<td>Panorama Energy Consulting</td>
<td>Xcel Energy</td>
</tr>
<tr>
<td>Denver Water Department</td>
<td>Philadelphia Insurance</td>
<td>Zayo</td>
</tr>
</tbody>
</table>
The Civil & Environmental Engineering Department Report for 2014-2015 includes the following information:

- Summary Data for Civil Engineering (CE); Environmental Engineering Science (EV); and Hydrology (HY)
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

## Civil & Environmental Engineering Summary Data

<table>
<thead>
<tr>
<th># Grads</th>
<th>Industry</th>
<th>Gov't</th>
<th>Military</th>
<th>Grad Sch</th>
<th>Intern'l</th>
<th>Not Looking</th>
<th>% Outcomes</th>
<th>Seeking</th>
<th>* Average Salary Offer</th>
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</thead>
<tbody>
<tr>
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<td>9</td>
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<td>2</td>
<td>95%</td>
<td>3</td>
</tr>
<tr>
<td>BS - EV</td>
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<td>14</td>
<td>2</td>
<td>1</td>
<td>9</td>
<td>0</td>
<td>3</td>
<td>94%</td>
<td>2</td>
</tr>
<tr>
<td>MS - CE</td>
<td>4</td>
<td>4</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>100%</td>
<td>0</td>
</tr>
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<td>1</td>
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<td>0</td>
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<td>MS - HY</td>
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<td>0</td>
<td>3</td>
<td>0</td>
<td>1</td>
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<td>0</td>
<td>0</td>
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<td>0</td>
<td>100%</td>
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<td>PhD - CE</td>
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<td>1</td>
<td>100%</td>
<td>0</td>
</tr>
<tr>
<td>PhD - EV</td>
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<td>0</td>
</tr>
<tr>
<td>PhD - HY</td>
<td>2</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>100%</td>
<td>0</td>
</tr>
</tbody>
</table>

* N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

## Outcomes Detail

<table>
<thead>
<tr>
<th>Detailed Breakdown</th>
<th>Positions Accepted—Industry/Government Summary</th>
<th>Graduate School</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Consulting / Construction</td>
<td>Oil / Gas</td>
</tr>
<tr>
<td>BS - CE</td>
<td>32</td>
<td>0</td>
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<tr>
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</table>
### Post-Graduation Career Activity - Civil Graduates

Note: Each bar represents % of total graduates in the department.

- **BS - CE**: 20% Graduate School, 60% Industry or Government, 20% Outcomes
- **MS - CE**: 60% Graduate School, 40% Industry or Government, 0% Outcomes
- **PhD - CE**: 100% Graduate School, 0% Industry or Government, 0% Outcomes

### Post-Graduation Career Activity - Environmental Graduates

Note: Each bar represents % of total graduates in the department.

- **BS - EV**: 60% Graduate School, 20% Industry or Government, 20% Outcomes
- **MS-EV**: 40% Graduate School, 60% Industry or Government, 0% Outcomes
- **PHD - EV**: 80% Graduate School, 20% Industry or Government, 0% Outcomes

### Post-Graduation Career Activity - Hydrology Graduates

Note: Each bar represents % of total graduates in the program.

- **MS - HY**: 40% Graduate School, 60% Industry or Government, 0% Outcomes
- **PhD - HY**: 100% Graduate School, 0% Industry or Government, 0% Outcomes
Civil & Environmental Engineering Department Outcomes Perspective

Civil Engineering BS Graduates 10-year Outcomes Perspective

Civil Engineering MS Graduates 10-year Outcomes Perspective

Civil Engineering PhD Graduates 10-year Outcomes Perspective
Civil & Environmental Engineering Department Outcomes Perspective

Environmental Engineering BS Graduates 10-year Outcomes Perspective

Environmental Science & Engineering MS Graduates 10-year Outcomes Perspective

Environmental Science & Engineering PhD Graduates 10-year Outcomes Perspective
Interdisciplinary Hydrology Graduates Outcomes and Salary Perspective

Hydrology MS Graduates Outcomes Perspective

Hydrology PhD Graduates 10-year Outcomes Perspective

Hydrology MS Graduates Salary Perspective

There is not enough historical salary data to be reliable for PhD salary averages, so no graph is provided.
Internships for Civil & Environmental Engineering Students

The 2014-2015 graduates in this department reported completing internships with the following organizations while at CSM.

<table>
<thead>
<tr>
<th>Organization</th>
<th>Organization</th>
<th>Organization</th>
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<tbody>
<tr>
<td>Air Basics</td>
<td>Encana Oil &amp; Gas</td>
<td>Martin/Martinson Consulting</td>
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<td>Air Sciences</td>
<td>Engineering Analytics</td>
<td>Martines Palmeiro Const</td>
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<td>Alden</td>
<td>Enginuity Engineering Solutions</td>
<td>Michels Tunneling</td>
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<td>Allegion</td>
<td>Entitlement and Eng Solutions</td>
<td>Mortenson Construction</td>
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<td>Ames Construction</td>
<td>EST</td>
<td>Olsson Associates</td>
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<td>EVRAZ</td>
<td>Pacific Northwest National Lab</td>
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<td>Arcadis</td>
<td>Felsburg Holt &amp; Ullevig</td>
<td>Pagosa Verde</td>
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<td>FHWA</td>
<td>Parsons Brinckerhoff</td>
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<td>Field Engineer</td>
<td>Petroleum Field Services</td>
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<td>Avatar Energy</td>
<td>Fluor Corporation</td>
<td>Pmpc Civil</td>
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<tr>
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<td>Freeport McMoRan</td>
<td>R.E. Campbell</td>
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<td>Baseline Engineering</td>
<td>Geostabilization International</td>
<td>Ramey Environmental Compliance</td>
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<tr>
<td>Brannan Sand and Gravel</td>
<td>Greg Lewicki and Associates</td>
<td>Respec</td>
</tr>
<tr>
<td>Bridge Diagnostics</td>
<td>Hartwig and Associates</td>
<td>RockSol Consulting Group</td>
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<td>Brierley Associates</td>
<td>Hazen Research</td>
<td>Rocky Mountain Prestress</td>
</tr>
<tr>
<td>Burns &amp; McDonnell</td>
<td>Healing Waters International</td>
<td>Rooney Engineering</td>
</tr>
<tr>
<td>Castle Pines Metropolitan District</td>
<td>Hensel Phelps</td>
<td>RTD</td>
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<td>CDOT</td>
<td>Hillsdale College</td>
<td>Ruhr-University Bochum</td>
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<tr>
<td>CESEP</td>
<td>Hilt</td>
<td>S2M Construction</td>
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<td>CH2M HILL</td>
<td>IHS</td>
<td>Short Elliott Hendrickson</td>
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<tr>
<td>Chicago Bridge and Iron</td>
<td>Imerys</td>
<td>Sopris Engineering</td>
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<td>City of Aurora</td>
<td>Indigo Water Group</td>
<td>Sunoco Logistics</td>
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<td>City of Commerce City</td>
<td>Integral Consulting</td>
<td>Symbios Technologies</td>
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<td>City of Louisville Colorado</td>
<td>International Dev Enterprises</td>
<td>TechIdeas</td>
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<td>Coeur Mining</td>
<td>Interstate Highway Construction</td>
<td>Terracon Consultants</td>
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<td>Colorado Dept of Agriculture</td>
<td>Invictus Initiative</td>
<td>Inst of Article and Alpine Research</td>
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<tr>
<td>Colorado Oil &amp; Gas Cons Comm</td>
<td>J. F. Shea Construction</td>
<td>Tolunay-Wong Engineers</td>
</tr>
<tr>
<td>Colorado Springs Utilities</td>
<td>J.R. Butler</td>
<td>Town of Superior</td>
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<td>Concrete Frame Associates</td>
<td>JA Cesare Geotechnical Eng</td>
<td>Trane Pueblo</td>
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<td>DCI Engineering</td>
<td>Jacobs Engineering</td>
<td>Urban Drainage and Flood Control</td>
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<tr>
<td>Del-Mont Consultants</td>
<td>J-U-B Engineers</td>
<td>US Geological Survey</td>
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<tr>
<td>Denver Water</td>
<td>Kiewit</td>
<td>Walt Disney World</td>
</tr>
<tr>
<td>Department of Interior</td>
<td>Kumar and Associates</td>
<td>Western Area Power Administration</td>
</tr>
<tr>
<td>Dragados USA</td>
<td>Leppert Associates</td>
<td>Williams</td>
</tr>
<tr>
<td>DuPont Pioneer</td>
<td>Linn Energy</td>
<td>Wind Tower Technologies</td>
</tr>
<tr>
<td>ECI Site Construction Mgmt</td>
<td>Littleton/Englewood Wastewater</td>
<td>Wiss, Janney, Elstner, Associates</td>
</tr>
<tr>
<td>Ecocion</td>
<td>LT Environmental</td>
<td>WPX Energy</td>
</tr>
<tr>
<td>Ed Kraemer and Sons Const</td>
<td>Marquez Environmental Services</td>
<td>Zalk Joseph Steel Fabricators</td>
</tr>
<tr>
<td>Element 1 Engineering</td>
<td>Martin Marietta Materials</td>
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</table>
Other internship opportunities for this department appeared in DiggerNet during the 2014-2015 year, including:

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<thead>
<tr>
<th>Company Name</th>
<th>Company Name</th>
<th>Company Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abengoa Solar</td>
<td>Eagle River Water and Sanitation</td>
<td>Phillips and Jordan</td>
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<tr>
<td>Adaptive Innovations</td>
<td>ENBRIDGE</td>
<td>Reno James Engineering</td>
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<td>Advanced Forming Technology</td>
<td>Encision</td>
<td>Rio Tinto</td>
</tr>
<tr>
<td>Air Methods</td>
<td>EOG Resourses</td>
<td>S. A. Miro</td>
</tr>
<tr>
<td>Alden Research Laboratory</td>
<td>Exxon Mobil</td>
<td>S. S. Papadopoulos</td>
</tr>
<tr>
<td>Anadarko</td>
<td>FCI Constructors</td>
<td>Sandia National Laboratories</td>
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<td>Arch Coal</td>
<td>Federal Highway Administration</td>
<td>SandRidge Energy</td>
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<tr>
<td>Arup</td>
<td>FEI Engineers</td>
<td>Schlumberger</td>
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<td>Atwell</td>
<td>Gallegos</td>
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<td>GeoEngineers</td>
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<td>Genscape</td>
<td>Statoil</td>
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<td>BHP Billiton</td>
<td>Global Tungsten &amp; Powder</td>
<td>Structural Group</td>
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<td>Bishop-Brogden Associates</td>
<td>Grand Teton National Park</td>
<td>Summit Materials</td>
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<td>Halliburton</td>
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<td>Hayward Baker</td>
<td>Tallgrass Energy</td>
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<td>BP</td>
<td>Hunt Oil Company</td>
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<td>Build Group</td>
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<td>Calpine</td>
<td>Jefferson County Government</td>
<td>TLH, PE, LLC</td>
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<td>TMK IPSCO</td>
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<td>CB&amp;I</td>
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<td>Lehigh Hanson</td>
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<td>U.S. Dept of Transportation</td>
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<td>City of Englewood</td>
<td>Light Foundry</td>
<td>U.S. Dept of Veterans Affairs</td>
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<td>City of Lakewood</td>
<td>Lockheed Martin</td>
<td>U.S. EPA</td>
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<td>Collins Engineers</td>
<td>Meritage Midstream</td>
<td>U.S.G.S.</td>
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<td>Colorado Youth Corps Association</td>
<td>Merrick &amp; Company</td>
<td>United Launch Alliance</td>
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<td>ConocoPhillips</td>
<td>MillerCoors</td>
<td>UCAR</td>
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<td>Crescent Point Energy U.S. Corp</td>
<td>Nalco</td>
<td>Victaulic Company of America</td>
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<td>Occidental</td>
<td>Woodward</td>
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<td>Orbital ATK</td>
<td>Woolpert</td>
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<td>Phillips 66</td>
<td>Zachary Engineering</td>
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</table>
The Electrical Engineering & Computer Science Department Report for 2014-2015 includes:
- Summary Data - Electrical Engineering (EE), Computer Science (CS)
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

### Engineering Division Summary Data

<table>
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<tr>
<th></th>
<th># Grads</th>
<th>Industry</th>
<th>Gov't</th>
<th>Military</th>
<th>Grad Sch</th>
<th>Intern'l</th>
<th>Not Looking</th>
<th>Not Looking</th>
<th>Outcomes %</th>
<th>Seeking</th>
<th>* Average Salary Offer</th>
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<td>0</td>
<td>100%</td>
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<td>$77,000</td>
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### Outcomes Detail

#### Positions Accepted—Industry/Government Summary

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<th>Detailed Breakdown</th>
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<th>Consult / Construct</th>
<th>Oil/Gas</th>
<th>ALT Energy</th>
<th>IT / Elect</th>
<th>Mfg.</th>
<th>Bio</th>
<th>Utilities</th>
<th>Gov't.</th>
<th>Auto</th>
<th>Acad / Research</th>
<th>Other</th>
<th>CSM</th>
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<td>2</td>
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</table>

### Post-Graduation Career Activity

Note: Each bar represents % of total graduates in the department.
Electrical Engineering & Computer Science Outcomes Perspective

Electrical Engineering BS Graduates 10-year Outcomes Perspective

Electrical Engineering MS Graduates 10-year Outcomes Perspective

Electrical Engineering PhD Graduates 10-year Outcomes Perspective
Electrical Engineering & Computer Science Outcomes Perspective

Computer Science BS Graduates 10-year Outcomes Perspective

Computer Science MS Graduates 10-year Outcomes Perspective

Computer Science PhD Graduates 10-year Outcomes Perspective
Electrical Engineering & Computer Science Salary Perspective

Electrical Engineering BS Graduates 10-year Salary Perspective

Electrical Engineering MS Graduates 10-year Salary Perspective

Computer Science B.S. Salary Perspective

Computer Science MS Graduates 10-year Salary Perspective

There is not enough historical salary data to be reliable for PhD salary averages, so no graph is provided.
Internships for Electrical Engineering & Computer Science Students

The 2014-2015 graduates in this department reported completing internships with the following organizations while at CSM.

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Company Name</th>
<th>Company Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Algorithms</td>
<td>Golden Software</td>
<td>Return Path</td>
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<tr>
<td>Aeroflex HiRel</td>
<td>Halliburton</td>
<td>Salesforce</td>
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<tr>
<td>Agilent Technologies</td>
<td>Harvest Meat Company</td>
<td>San Isabel Electric Association</td>
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<tr>
<td>Air Sciences</td>
<td>Hewlett Packard</td>
<td>San Juan Engineering</td>
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<tr>
<td>Alarm.com</td>
<td>HollyFrontier</td>
<td>Seagate</td>
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<tr>
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<td>Hunter Douglas</td>
<td>SEAKR Engineering</td>
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<td>ICS Technologies</td>
<td>Sierra Nevada</td>
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<td>Anadarko Petroleum</td>
<td>IES Technologies</td>
<td>Snyder Industries</td>
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<tr>
<td>ArcelorMittal</td>
<td>Insight Photonic Solutions</td>
<td>Society of Mining</td>
</tr>
<tr>
<td>Atwell</td>
<td>Intelligent Software solutions</td>
<td>Spectra Logic</td>
</tr>
<tr>
<td>BCER Engineering</td>
<td>Intellilrop</td>
<td>SpireMedia</td>
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<tr>
<td>Bimshift</td>
<td>INVIDIA Technologies Corporation</td>
<td>SpotXChange</td>
</tr>
<tr>
<td>Black &amp; Veatch</td>
<td>IP Commerce</td>
<td>STV/GWD Engineers</td>
</tr>
<tr>
<td>Blackbird Technologies</td>
<td>Jeppesens</td>
<td>Suncor Energy</td>
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<tr>
<td>Blackhawk International</td>
<td>Keysight Technologies</td>
<td>Tacna Systems</td>
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<td>Kid Reports</td>
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<td>TENOVA Takraf</td>
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<td>Lockheed Martin</td>
<td>The Bailey Co</td>
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<td>CableLabs</td>
<td>Medkeeper</td>
<td>Trefyn Institute</td>
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<td>Ciber</td>
<td>Merrick &amp; Company</td>
<td>Trimble SketchUp</td>
</tr>
<tr>
<td>Cliffs Natural Resources</td>
<td>Microsoft</td>
<td>Tri-State Generation/Trans</td>
</tr>
<tr>
<td>Comcast</td>
<td>MIT</td>
<td>Tyler Technologies</td>
</tr>
<tr>
<td>Concurrent Technologies</td>
<td>NASA</td>
<td>UCAR/NCAR</td>
</tr>
<tr>
<td>Crabtree Group</td>
<td>National Instruments</td>
<td>Ulteig</td>
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<tr>
<td>Computer Sciences Corporation</td>
<td>NFT-Paradigm</td>
<td>United Launch Alliance</td>
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<tr>
<td>CSM REMRSEC REU</td>
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<td>URS Corp</td>
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<td>US ARMY NETCOM</td>
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<td>Oceaneering</td>
<td>USGS</td>
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<td>Orbital ATK</td>
<td>Vapor Technologies</td>
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<td>Devon Energy</td>
<td>Progressive Insurance</td>
<td>Wild Blue</td>
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<tr>
<td>Double Encore</td>
<td>QEP Resources</td>
<td>Wolf Robotics</td>
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<td>Zayo Group</td>
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<td>Recondo Technology</td>
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<td>FullContact</td>
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Other internship opportunities for this department appeared in DiggerNet during the 2014-2015 year, including:

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<th>Company Name</th>
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<td>Holland &amp; Hart LLP</td>
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<td>Air Methods</td>
<td>Consumer Financial</td>
<td>Home Advisor</td>
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<td>Honda of America Mfg.</td>
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<tr>
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<td>CourseWorld</td>
<td>Honeywell</td>
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<td>Craftsy</td>
<td>Hunt Oil</td>
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<td>Cryotorr Scientific Corporation</td>
<td>IBM Design</td>
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<td>Cudd Energy Services</td>
<td>iCAST</td>
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<tr>
<td>Aspenoah</td>
<td>Dairy Farmers of America</td>
<td>Iconergy</td>
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<tr>
<td>Atlas Energy</td>
<td>Dakota Gasification Company</td>
<td>IHS INC</td>
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<td>ATMEL Corporation</td>
<td>Dassault Systemes</td>
<td>IMC Financial Markets</td>
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<td>Auris Surgical Robotics</td>
<td>Denver Energy Group</td>
<td>Imerys</td>
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<td>AVAYA</td>
<td>Digital Media Academy</td>
<td>InfoPrint Solutions</td>
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<td>Dohmen Life Science Services</td>
<td>InSightful Robotics</td>
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<td>Dow Chemical Company</td>
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<td>E-470 PHA</td>
<td>IP Commerce</td>
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<td>BHP Billiton</td>
<td>Eaton</td>
<td>Iworks Interactive</td>
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<td>J.B. Hunt Transport</td>
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<td>EMC</td>
<td>Janus Capital Group</td>
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<td>Encision Inc</td>
<td>Jefferson County Government</td>
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<td>Bortz Media &amp; Sports Group</td>
<td>Epic</td>
<td>Johns Manville</td>
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<td>Karcher North America</td>
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<td>ExxonMobil</td>
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<td>Cable Television Laboratories</td>
<td>FBI</td>
<td>Kinross Gold</td>
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<td>Catholic Health Initiatives</td>
<td>FCI Constructors</td>
<td>Kumar &amp; Associates</td>
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<td>CB&amp;I</td>
<td>FEI Engineers</td>
<td>Lexmark International</td>
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<td>Center for Open Science</td>
<td>FIGS Engineering</td>
<td>Lhoist North America</td>
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<td>Four Winds Interactive</td>
<td>Light Foundry</td>
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<td>FreeWave Technologies</td>
<td>LogRhythm</td>
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<td>Chevron Phillips</td>
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<tr>
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<td>Gallegos</td>
<td>LT Environmental</td>
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<td>Cigna</td>
<td>GCC of America</td>
<td>MapQuest</td>
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<tr>
<td>Cimation Engineering</td>
<td>General Electric</td>
<td>Medtronic SNT</td>
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<tr>
<td>City of Colorado Springs</td>
<td>Genscape</td>
<td>Mentor Graphics</td>
</tr>
<tr>
<td>City of Englewood</td>
<td>Global Tungsten &amp; Powders</td>
<td>Mersive</td>
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<tr>
<td>City of Lakewood</td>
<td>Gogo Business Aviation</td>
<td>Mesa Laboratories</td>
</tr>
<tr>
<td>ClickFox</td>
<td>Google</td>
<td>MillerCoors</td>
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<tr>
<td>CO Governor’s Office of IT</td>
<td>Gulfstream Aerospace</td>
<td>MKS Instruments</td>
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Additional internship opportunities for students in this department were posted in DiggerNet, including:

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<tr>
<td>Nat'l Inst. Standards/Technology</td>
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<td>Navigant</td>
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<td>Newmont Mining</td>
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<td>Numerica</td>
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<td>P&amp;G</td>
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<td>Reno James Engineering</td>
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<td>RezStream</td>
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<td>Right Stuff Equipment</td>
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<td>Rio Tinto</td>
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<td>RT Logic</td>
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<td>S. A. Miro</td>
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<td>Sandia National Laboratories</td>
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<td>Schlumberger</td>
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<td>Scope Technologies</td>
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<td>Sempra U.S. Gas</td>
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<td>Texas Instruments</td>
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<td>The Air Force Research Lab</td>
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<td>Thomson Reuters</td>
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<td>Timken Steel</td>
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<tr>
<td>TLH, PE, LLC</td>
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<td>TMK IPSCO</td>
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<td>Tolmar</td>
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<tr>
<td>Transportation Technology Center</td>
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<tr>
<td>Travelport</td>
</tr>
<tr>
<td>UCAR</td>
</tr>
<tr>
<td>U.S. Bureau of Land Management</td>
</tr>
<tr>
<td>U.S. Environmental Protection Agency</td>
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<tr>
<td>U.S. Patent and Trademark Office</td>
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<td>U.S. Veterans Affairs</td>
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<td>United NRG</td>
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<td>United Power</td>
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<td>University of Southern California REU</td>
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<td>Update International</td>
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<td>USA Pool Direct</td>
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<td>Vaisala</td>
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<td>Vermeer</td>
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<td>Virginia Tech Applied Research Corp.</td>
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<td>Vishay Dale Electronics</td>
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<td>Welkin Sciences</td>
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<td>Western Digital</td>
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<td>Woot Math</td>
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<td>Zachry Engineering</td>
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The Engineering Division Report for 2014-2015 includes the following information:

- Summary Data - Mechanical, Engineering (ME), Engineering Systems (ES)
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

### Engineering Division Summary Data

<table>
<thead>
<tr>
<th>Degrees</th>
<th># Grads</th>
<th>Industry</th>
<th>Gov’t</th>
<th>Military</th>
<th>Grad Sch</th>
<th>Intern’l</th>
<th>Not Looking</th>
<th>Outcomes %</th>
<th>Seeking</th>
<th>* Average Salary Offer</th>
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<td>121</td>
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<td>0</td>
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* N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

### Outcomes Detail

#### Detailed Breakdown

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### Mechanical Engineering Post-Graduation Outcomes

Note: Each bar represents % of total graduates in the department.
## Internships for Mechanical Engineering Students

The 2014-2015 graduates in this department reported completing internships with the following organizations while at CSM.

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<thead>
<tr>
<th>Organization Name</th>
<th>Position</th>
<th>Company/Institution</th>
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<td>Abengoa Solar</td>
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<td>Colorado Fuel Cell Center</td>
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<td>ADA</td>
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<td>Isolux Corsan</td>
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<tr>
<td>Adaptive Innovations</td>
<td>Colorado Junior Karting Club</td>
<td>Jefferson County Planning/Zoning</td>
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<td>Adaptive Technical Solutions</td>
<td>ConocoPhillips</td>
<td>Karcher</td>
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<td>Advanced Explosives Research</td>
<td>COSTAR</td>
<td>Klok Group</td>
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<td>Advanced Forming Technology</td>
<td>Covidien Medical</td>
<td>KNS Communications</td>
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<td>Delta Public Works</td>
<td>Level 3</td>
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<td>Air Comm Corporation</td>
<td>Delta Public Works</td>
<td>Lexmark International</td>
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<td>Denver Sharefest</td>
<td>Lockheed Martin</td>
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<td>DRA Architectural</td>
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<td>Alpha Network Systems</td>
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<td>Los Alamos National Laboratory</td>
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<td>Lufthansa Technik</td>
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<td>Echostar Technologies</td>
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<td>MDP Engineering Group</td>
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<td>Engineering Procurement/Const</td>
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<td>Exelis</td>
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<td>Extreme Ultraviolet Eng Res</td>
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<td>Focus Tools</td>
<td>National Instruments</td>
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<td>Freeport McMoRan</td>
<td>National Oilwell Varco</td>
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<td>Gerdau</td>
<td>New Elk Coal Mine</td>
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<td>Bridge Diagnostics Inc</td>
<td>Gogo Business Aviation</td>
<td>NewFields</td>
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<td>BU Drive Turbo Systems</td>
<td>Gordon Composites</td>
<td>Newton Running Company</td>
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<td>Granite Stone Countertops</td>
<td>Niagara Bottling</td>
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<td>Caterpillar</td>
<td>Graphic Packaging International</td>
<td>Noble Energy</td>
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<td>Halliburton</td>
<td>Northrop Grumman</td>
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<td>Northwestern Mutual</td>
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<td>CH2M Hill</td>
<td>Iconergy</td>
<td>Nova Packaging</td>
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<td>Chevron</td>
<td>Impact Consulting Engineers</td>
<td>NREL</td>
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<td>Cimarron Engineering</td>
<td>Ingenieria Bissen</td>
<td>Oceaneering</td>
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<td>College of Wooster</td>
<td>Integrated Surgical Sciences</td>
<td>Occidental (Oxy)</td>
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<td>Colorado College</td>
<td>Inuktun</td>
<td>Overland Conveyor Company</td>
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</tbody>
</table>
## Internships for Mechanical Engineering Students (cont’d)

More organizations that graduates in this department reported completing internships with while at CSM included:

<table>
<thead>
<tr>
<th>Organization Name</th>
<th>Company Name</th>
<th>University/Organization Name</th>
</tr>
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<tbody>
<tr>
<td>Peak Performance Powersports</td>
<td>Siemens Energy</td>
<td>Universidad Pontifica de Comillas</td>
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<td>Pie Consulting</td>
<td>Sierra Nevada</td>
<td>University Directories</td>
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<td>Pioneer Natural Resources</td>
<td>Snyder Industries</td>
<td>University of Colorado</td>
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<td>Raytheon Missile Systems</td>
<td>Spectranetics</td>
<td>University of Southern California</td>
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<td>Recondo</td>
<td>Stantec</td>
<td>URS Corporation</td>
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<tr>
<td>Red Arrow Manufacturing</td>
<td>Stolar Global Mining</td>
<td>US Naval Research Laboratory</td>
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<td>Redi Engineering Services</td>
<td>Strategic Simulation Solutions</td>
<td>VAIIX corporation</td>
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<td>Regional Transportation District</td>
<td>Structural Integrity Associates</td>
<td>Van Horn</td>
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<tr>
<td>Rio Grande Silver</td>
<td>Suncor Energy</td>
<td>Verizon</td>
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<tr>
<td>Rocky Mountain Scientific Lab</td>
<td>Tallgrass Energy</td>
<td>Vermeer</td>
</tr>
<tr>
<td>Ronin MotorWorks</td>
<td>Tenova TAKRAF</td>
<td>Waste 'n WaterTech</td>
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<td>Rosemount DP Flow</td>
<td>The Aerospace Corporation</td>
<td>Weatherford International</td>
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<td>ThyssenKrupp Robbins</td>
<td>Weber Metals</td>
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<td>Timken</td>
<td>Wessex Industries</td>
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<td>UC Synergetic</td>
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<td>Xcel Energy</td>
</tr>
<tr>
<td>Shell Global Solutions</td>
<td>United Launch Alliance</td>
<td></td>
</tr>
</tbody>
</table>

Many additional internship opportunities for students in this department were posted in DiggerNet, including:

<table>
<thead>
<tr>
<th>Organization Name</th>
<th>Company Name</th>
<th>University/Organization Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Methods</td>
<td>Cryotorr Scientific</td>
<td>Karcher North America</td>
</tr>
<tr>
<td>Antero Resources</td>
<td>Dairy Engineering</td>
<td>Kiewit Infrastructure</td>
</tr>
<tr>
<td>Auris Surgical Robotics</td>
<td>Doehmen Life Science</td>
<td>LGS Innovations</td>
</tr>
<tr>
<td>BHP Billiton</td>
<td>Dow Chemical Company</td>
<td>Lhoist North America</td>
</tr>
<tr>
<td>BLM</td>
<td>Eagle River Water/Sanitation</td>
<td>Linn Energy</td>
</tr>
<tr>
<td>BP</td>
<td>Eaton Corporation</td>
<td>MapQuest</td>
</tr>
<tr>
<td>Build Group</td>
<td>EFS</td>
<td>Marathon Oil Company</td>
</tr>
<tr>
<td>Burns &amp; McDonnell</td>
<td>Encana Oil &amp; Gas</td>
<td>Meritage Midstream</td>
</tr>
<tr>
<td>C12 Energy</td>
<td>Engineered Solutions</td>
<td>MKS Instruments</td>
</tr>
<tr>
<td>CDOT</td>
<td>Geo-Energy Services</td>
<td>Nalco</td>
</tr>
<tr>
<td>Centerline Solutions</td>
<td>GeoStabilization</td>
<td>Nebraska Public Power</td>
</tr>
<tr>
<td>Chesapeake Energy</td>
<td>Hess Petroleum</td>
<td>P&amp;G</td>
</tr>
<tr>
<td>Chevron Phillips</td>
<td>Honda of America Mfg.</td>
<td>Paragon 28</td>
</tr>
<tr>
<td>CHS</td>
<td>InfoPrint Solutions</td>
<td>Parsons</td>
</tr>
<tr>
<td>Cimarex Energy</td>
<td>InSightful Robotics</td>
<td>Phillips 66</td>
</tr>
<tr>
<td>Cimation Engineering</td>
<td>Iworks Interactive</td>
<td>Pioneer Energy</td>
</tr>
<tr>
<td>Comcast Corporation</td>
<td>Johns Manville</td>
<td>Research Electro-Optics</td>
</tr>
<tr>
<td>CoorsTek</td>
<td>Jonah Energy</td>
<td>Right Stuff Equipment</td>
</tr>
<tr>
<td>CoorsTek</td>
<td>Right Stuff Equipment</td>
<td>Woodward</td>
</tr>
</tbody>
</table>
This chapter of the 2014-2015 Colorado School of Mines Career Center Annual Report includes outcome details for the College of Earth Resource Sciences and Engineering (CERSE), and contains information on outcomes for these academic departments:

- Economics and Business
- Geology and Geological Engineering
- Geophysics
- Liberal Arts and International Studies
- Mining Engineering
- Petroleum Engineering
The Economics & Business Division Report for 2014-2015 includes the following information:

- Summary Data - BS Economics (EB), MS Engineering Technology Management (ETM), MS and PhD Mineral & Energy Economics (MEE), PhD Operations Research (OR)
- Outcomes Perspective
- Salary Perspective / Average Offers

### Economics, Engineering & Technology Management, Mineral & Energy Economics

<table>
<thead>
<tr>
<th># Grad</th>
<th>Industry</th>
<th>Gov't</th>
<th>Military</th>
<th>Grad Sch</th>
<th>Intern'l</th>
<th>Not Looking</th>
<th>Outcomes %</th>
<th>Seeking</th>
<th>* Average Salary Offer</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS – EB</td>
<td>8</td>
<td>5</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>75%</td>
<td>2</td>
<td>$45,667</td>
</tr>
<tr>
<td>MS – ETM</td>
<td>18</td>
<td>13</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>4</td>
<td>100%</td>
<td>0</td>
<td>$80,359</td>
</tr>
<tr>
<td>MS – MEE</td>
<td>32</td>
<td>13</td>
<td>0</td>
<td>0</td>
<td>3</td>
<td>13</td>
<td>97%</td>
<td>1</td>
<td>$61,000</td>
</tr>
<tr>
<td>PhD – MEE</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>100%</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>MS - OR</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>N/A</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>PhD - OR</td>
<td>3</td>
<td>1</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>100%</td>
<td>0</td>
<td>N/A</td>
</tr>
</tbody>
</table>

N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available. “Seeking” MS ETM and “Seeking” PhD reported positions soon after data gathering period closed.

### Positions Accepted—Industry/Government Summary

<table>
<thead>
<tr>
<th>Detailed Breakdown</th>
<th>Aero</th>
<th>Consulting / Construction</th>
<th>Biotech / Pharm</th>
<th>Energy — Oil / Gas</th>
<th>Mining</th>
<th>Finance</th>
<th>IT</th>
<th>Mfg’</th>
<th>Gov’t</th>
<th>Other</th>
<th>CSM</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS – EB</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>MS – ETM</td>
<td>0</td>
<td>5</td>
<td>0</td>
<td>8</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>MS – MEE</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>7</td>
<td>4</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>PhD – MEE</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>PhD - OR</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

### Post-Graduation Career Activity

Note: Each bar represents % of total graduates in the department.
Economics & Business Division Outcomes Perspective

- Economics & Business BS Graduates 10-year Outcomes Perspective
- Mineral & Energy Economics MS Graduates 10-year Outcomes Perspective
- Engineering & Technology Management Graduates 10-year Outcomes Perspective
- Mineral & Energy Economics PhD Graduates 10-year Outcomes Perspective
Economics & Business Division Salary Perspective *

* There is not enough historical salary data to be reliable for PhD candidates, therefore a graph is not provided.

Economics & Business BS Graduates 10-year Salary Perspective

Engineering and Technology Management MS Graduates 10-year Salary Perspective

Mineral & Energy Economics MS Graduates 10-year Salary Perspective
### Internships for Economics & Business Division Students

The 2014 - 2015 graduates in this department, including Economics & Business, Engineering & Technology Management, and Mineral & Energy Economics reported completing internships with the following organizations while at CSM:

<table>
<thead>
<tr>
<th>Economics &amp; Business Division Students</th>
<th>Other Internship Opportunities for this Department</th>
<th>Internship Locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>AngloGold Ashanti</td>
<td>Grubstaker</td>
<td>Newmont</td>
</tr>
<tr>
<td>Austin Exploration</td>
<td>Hecla Mining</td>
<td>Pacificorp</td>
</tr>
<tr>
<td>AXPRO</td>
<td>Imerys</td>
<td>Peabody Energy</td>
</tr>
<tr>
<td>Barnard Construction</td>
<td>Intrepid Potash</td>
<td>RAG</td>
</tr>
<tr>
<td>Barrick Gold</td>
<td>J.W. Fowler</td>
<td>Resource Capital Funds</td>
</tr>
<tr>
<td>Blast Movement Tech</td>
<td>Jim Walter Resources</td>
<td>Rio Tinto</td>
</tr>
<tr>
<td>Center of Disease Control</td>
<td>Kiewit Mining Group</td>
<td>Seepra</td>
</tr>
<tr>
<td>Cliffs Natural Resources</td>
<td>Lhoist North America</td>
<td>SME</td>
</tr>
<tr>
<td>Coeur Mining</td>
<td>Luminant</td>
<td>Solvay Chemical</td>
</tr>
<tr>
<td>Cripple Creek/Victor Gold Mine</td>
<td>Magnetation</td>
<td>SRK Consulting</td>
</tr>
<tr>
<td>Earth Mechanics Institute</td>
<td>Minera San Cristobal</td>
<td>Stillwater Mining Company</td>
</tr>
<tr>
<td>EMI</td>
<td>Minesight Inc.</td>
<td>Technical University of Bochum</td>
</tr>
<tr>
<td>Freeport McMoRan</td>
<td>Mintec Inc.</td>
<td>The Mosaic Company</td>
</tr>
<tr>
<td>Global Resource Engineering</td>
<td>Moretrench</td>
<td>URS Corp</td>
</tr>
<tr>
<td>Gold Standard</td>
<td>Mosaic Potash</td>
<td>USGS</td>
</tr>
<tr>
<td>Goldcorp</td>
<td>N. R. Hamm</td>
<td>Westmoreland Coal Company</td>
</tr>
</tbody>
</table>

Other internship opportunities for this department appeared in DiggerNet during the 2014 - 2015 year, including:

<table>
<thead>
<tr>
<th>Internship Opportunities</th>
<th>Internship Locations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abengoa Solar</td>
<td>Hitachi Consulting</td>
</tr>
<tr>
<td>Arup</td>
<td>Home Advisor</td>
</tr>
<tr>
<td>Atmel</td>
<td>iCAST</td>
</tr>
<tr>
<td>Avaya</td>
<td>Imerys</td>
</tr>
<tr>
<td>BHP Billiton</td>
<td>IP Commerce</td>
</tr>
<tr>
<td>Boulder County</td>
<td>Integrated Corrosion Engineers</td>
</tr>
<tr>
<td>Bureau of Land Management</td>
<td>Invesco</td>
</tr>
<tr>
<td>CalPortland</td>
<td>IP Commerce</td>
</tr>
<tr>
<td>City of Lakewood</td>
<td>Lockheed Martin</td>
</tr>
<tr>
<td>Colorado Geological Survey</td>
<td>Janus Capital Group</td>
</tr>
<tr>
<td>Colorado Dept. Transportation</td>
<td>Mainstream Engineering</td>
</tr>
<tr>
<td>Community Resource Center</td>
<td>MapQuest</td>
</tr>
<tr>
<td>Consumer Financial Protection</td>
<td>Morgan Stanley</td>
</tr>
<tr>
<td>Crescent Point Energy</td>
<td>MWH Global</td>
</tr>
<tr>
<td>Denver District FDA</td>
<td>MillerCoors</td>
</tr>
<tr>
<td>Denver Energy Group, LLC</td>
<td>National Renewable Energy Lab</td>
</tr>
<tr>
<td>Denver Water Department</td>
<td>Navigant</td>
</tr>
<tr>
<td>E Source</td>
<td>Nestle Purina</td>
</tr>
<tr>
<td>Enerplus Resources</td>
<td>Northwestern Mutual</td>
</tr>
<tr>
<td>Gallegos</td>
<td>Nuclear Energy Institute</td>
</tr>
<tr>
<td>Global Tungsten &amp; Powders</td>
<td>Oppenheimer Funds</td>
</tr>
<tr>
<td>Great West Financial</td>
<td>Panorama Energy Consulting</td>
</tr>
</tbody>
</table>
The Geology and Geological Engineering Department Report for 2014-2015 includes the following:

- Summary Data - Geology and Geological Engineering, Geochemistry, Hydrology
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

**Geology & Geological Engineering Summary Data**

<table>
<thead>
<tr>
<th>Degree</th>
<th># Grads</th>
<th>Industry</th>
<th>Gov't</th>
<th>Military</th>
<th>Grad Sch</th>
<th>Intern'l</th>
<th>Not Looking</th>
<th>Outcomes %</th>
<th>Seeking</th>
<th>Average Salary Offer</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS-GE</td>
<td>35</td>
<td>12</td>
<td>0</td>
<td>0</td>
<td>15</td>
<td>2</td>
<td>3</td>
<td>91%</td>
<td>3</td>
<td>$56,979</td>
</tr>
<tr>
<td>MS-GE</td>
<td>38</td>
<td>28</td>
<td>0</td>
<td>0</td>
<td>3</td>
<td>2</td>
<td>4</td>
<td>97%</td>
<td>1</td>
<td>$103,803</td>
</tr>
<tr>
<td>MS-GC</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>100%</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>PhD-GE</td>
<td>9</td>
<td>8</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>100%</td>
<td>0</td>
<td>$113,929</td>
</tr>
<tr>
<td>PhD-GC</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>N/A</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>MS-HY</td>
<td>18</td>
<td>10</td>
<td>2</td>
<td>0</td>
<td>3</td>
<td>0</td>
<td>1</td>
<td>89%</td>
<td>2</td>
<td>$58,500</td>
</tr>
<tr>
<td>PhD—HY</td>
<td>2</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>100%</td>
<td>0</td>
<td>N/A</td>
</tr>
</tbody>
</table>

* N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

**Outcomes Detail**

<table>
<thead>
<tr>
<th>Degree</th>
<th>Positions Accepted</th>
<th>Industry/Government</th>
<th>Summary</th>
<th>Graduate School</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Consulting/Construction</td>
<td>Oil/Gas</td>
<td>Mining</td>
<td>Academia/Research</td>
</tr>
<tr>
<td>BS-GE</td>
<td>9</td>
<td>2</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>MS-GE</td>
<td>2</td>
<td>18</td>
<td>7</td>
<td>1</td>
</tr>
<tr>
<td>MS-GC</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>PhD-GE</td>
<td>1</td>
<td>7</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>PhD-GC</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>MS-HY</td>
<td>10</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>PhD—HY</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

**Post-Graduation Career Activity**

Note: Each bar represents % of total graduates in the department.
Geology & Geological Engineering Department Salary Perspective *

**Geology & Geological Engineering BS Graduates 10-year Salary Perspective**

**Geology & Geological Engineering MS Graduates 10-year Salary Perspective**

**Hydrology MS Graduates Salary Perspective**

* There is not enough historical salary data to be reliable for PhD candidates; therefore, graphs are not provided.
## Internships for Geology & Geological Engineering Department Students

The 2014-2015 graduates in this department reported completing internships with the following organizations while at CSM.

<table>
<thead>
<tr>
<th>Internship</th>
<th>Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Terra Testing</td>
<td>EGC</td>
</tr>
<tr>
<td>Anadarko</td>
<td>Endeavour Mining</td>
</tr>
<tr>
<td>Barrick Gold</td>
<td>ENRC</td>
</tr>
<tr>
<td>Barton International</td>
<td>EOG Resources</td>
</tr>
<tr>
<td>BHP Billiton</td>
<td>ExxonMobil</td>
</tr>
<tr>
<td>Bill Barrett</td>
<td>Forest Oil</td>
</tr>
<tr>
<td>Brierley Associates</td>
<td>Hecla Mining</td>
</tr>
<tr>
<td>California Dept. of Water Res</td>
<td>IHS</td>
</tr>
<tr>
<td>Chevron</td>
<td>Imerys</td>
</tr>
<tr>
<td>Cimarex Energy</td>
<td>Kiewit</td>
</tr>
<tr>
<td>Clemmons Construction</td>
<td>Lytle Water Solutions</td>
</tr>
<tr>
<td>ConocoPhilips</td>
<td>Mercador</td>
</tr>
<tr>
<td>CoRE</td>
<td>Milender White Construction</td>
</tr>
<tr>
<td>Cripple Creek/Victor Gold Mining</td>
<td>Molycorp</td>
</tr>
<tr>
<td>Denbury Resources</td>
<td>MWH</td>
</tr>
<tr>
<td>Devon Energy</td>
<td>Newfield</td>
</tr>
<tr>
<td>DRMS</td>
<td>Noble Energy</td>
</tr>
<tr>
<td>ECC</td>
<td>NREL</td>
</tr>
<tr>
<td>Geologic Data Systems</td>
<td></td>
</tr>
</tbody>
</table>

Other internship opportunities for this department appeared in DiggerNet during the 2014-2015 year, including:

<table>
<thead>
<tr>
<th>Internship</th>
<th>Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apache</td>
<td>Hunt Oil</td>
</tr>
<tr>
<td>Arup</td>
<td>Lehigh Hanson</td>
</tr>
<tr>
<td>Barr Engineering</td>
<td>Lhoist North America</td>
</tr>
<tr>
<td>Bishop-Broden Associates</td>
<td>Marathon Oil</td>
</tr>
<tr>
<td>BLM</td>
<td>Newmont Mining</td>
</tr>
<tr>
<td>Calpine</td>
<td>Oxy</td>
</tr>
<tr>
<td>Crescent Point Energy U.S. Corp</td>
<td>Pason Systems USA</td>
</tr>
<tr>
<td>Geologic Data Systems</td>
<td></td>
</tr>
</tbody>
</table>
The Geophysics & Geophysical Engineering Department Report for 2014 - 2015 includes the following:

- Summary Data
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

**Geophysics and Geophysical Engineering Summary Data**

<table>
<thead>
<tr>
<th></th>
<th># Grads</th>
<th>Ind</th>
<th>Gov’t</th>
<th>Mil</th>
<th>Grad Sch</th>
<th>Intern’l</th>
<th>Not Looking</th>
<th>Outcomes %</th>
<th>Seeking</th>
<th>Average Salary Offer</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS-GP</td>
<td>29</td>
<td>12</td>
<td>0</td>
<td>0</td>
<td>11</td>
<td>2</td>
<td>2</td>
<td>93%</td>
<td>2</td>
<td>$ 72,750</td>
</tr>
<tr>
<td>MS-GP</td>
<td>15</td>
<td>10</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>1</td>
<td>0</td>
<td>100%</td>
<td>0</td>
<td>$ 102,072</td>
</tr>
<tr>
<td>PhD-GP</td>
<td>9</td>
<td>7</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>100%</td>
<td>0</td>
<td>$ 111,143</td>
</tr>
</tbody>
</table>

* N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

**Outcomes Detail**

<table>
<thead>
<tr>
<th>Detailed Breakdown</th>
<th>Positions Accepted—Industry/Government Summary</th>
<th>Graduate School</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Energy Oil/Gas</td>
<td>Consulting</td>
</tr>
<tr>
<td>BS-GP</td>
<td>5</td>
<td>2</td>
</tr>
<tr>
<td>MS-GP</td>
<td>9</td>
<td>0</td>
</tr>
<tr>
<td>PhD-GP</td>
<td>3</td>
<td>1</td>
</tr>
</tbody>
</table>

**Post-Graduation Career Activity**

*Note: Each bar represents % of total graduates in the department*
Geophysics & Geophysical Engineering Department Outcomes Perspective

Geophysical Engineering BS Graduates 10-year Outcomes Perspective

Geophysical Engineering MS Graduates 10-year Outcomes Perspective

Geophysical Engineering PhD Graduates 10-year Outcomes Perspective
Geophysics & Geophysical Engineering

Geophysics BS Graduates 10-year Salary Perspective

Geophysics MS Graduates 10-year Salary Perspective

Geophysics PhD Graduates 10-year Salary Perspective
## Internships for Geophysics & Geophysical Engineering Students

The 2014-2015 graduates in this department reported completing internships with the following organizations while at CSM.

<table>
<thead>
<tr>
<th>Organization</th>
<th>Role</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anadarko</td>
<td>Ikon</td>
<td>PGS</td>
</tr>
<tr>
<td>Baker Hughes</td>
<td>Intern Geophysicist</td>
<td>Schlumberger</td>
</tr>
<tr>
<td>BP</td>
<td>IRIS</td>
<td>Scripps Institute of Oceanography</td>
</tr>
<tr>
<td>Buckley Powder</td>
<td>Kelman Data Management</td>
<td>Shell</td>
</tr>
<tr>
<td>Center for Rock Abuse</td>
<td>Landmark Graphics</td>
<td>Sigma Cubed</td>
</tr>
<tr>
<td>Chevron</td>
<td>Marathon Oil</td>
<td>Sigma3</td>
</tr>
<tr>
<td>Crescent Point Energy</td>
<td>Meinhard Glass</td>
<td>SJ Geophysics</td>
</tr>
<tr>
<td>Denbury Resources</td>
<td>Microseismic</td>
<td>Statoil</td>
</tr>
<tr>
<td>EarthLED</td>
<td>MIT Haystack Observatory</td>
<td>Summit Geophysical</td>
</tr>
<tr>
<td>EOG Resources</td>
<td>Noble Energy</td>
<td>Transform</td>
</tr>
<tr>
<td>Exxon</td>
<td>Olson Engineering</td>
<td>U.S. Geological Survey</td>
</tr>
<tr>
<td>Golder Associates</td>
<td>Parsons</td>
<td>University of Arkansas</td>
</tr>
<tr>
<td>Halliburton</td>
<td>PDC Energy</td>
<td>University of Kansas</td>
</tr>
<tr>
<td>Hawaii Geophysical Services</td>
<td>Petrophysical Solutions</td>
<td>Zonge International Geosciences</td>
</tr>
</tbody>
</table>

Other internship opportunities appeared in DiggerNet for this department during the 2014-2015 year, including:

<table>
<thead>
<tr>
<th>Organization</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>Encana Oil &amp; Gas</td>
<td>Hunt Oil Company</td>
</tr>
<tr>
<td>EP Energy</td>
<td>Newmont Mining</td>
</tr>
<tr>
<td>ExxonMobil</td>
<td>Oxy</td>
</tr>
<tr>
<td>Hess</td>
<td>QEP Resources</td>
</tr>
<tr>
<td></td>
<td>SM Energy</td>
</tr>
<tr>
<td></td>
<td>Southwestern Energy</td>
</tr>
<tr>
<td></td>
<td>XTO Energy</td>
</tr>
</tbody>
</table>
The Liberal Arts and International Studies Department Report for 2014-2015 includes the following:
- Summary Data for Master’s Program - International Political Economy of Resources (MIPER)
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

### Master of International Political Economy of Resources Summary Data

<table>
<thead>
<tr>
<th># Grads</th>
<th>Industry</th>
<th>Gov't</th>
<th>Military</th>
<th>Grad Sch</th>
<th>Intern'l</th>
<th>Not Looking</th>
<th>Out-comes %</th>
<th>Seeking</th>
<th>Average Salary Offer</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIPER</td>
<td>8</td>
<td>5</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>88%</td>
<td>1</td>
</tr>
</tbody>
</table>

### Outcomes Detail

<table>
<thead>
<tr>
<th>Detailed Breakdown</th>
</tr>
</thead>
<tbody>
<tr>
<td>Positions Accepted—Industry/Government Summary</td>
</tr>
<tr>
<td>Aero / Defense</td>
</tr>
<tr>
<td>MIPER</td>
</tr>
</tbody>
</table>

### Post-Graduation Career Activity

Note: Each bar represents % of total graduates in the department.
International Political Economy of Resources Graduate Outcomes Perspective

The International Political Economy of Resources (MIPER) degree is a Master’s program only.

Insufficient data has been reported to offer a recent salary perspective.

Internships for LAIS Department Students

The 2014-2015 graduates in this department reported completing internships with the following organizations while at CSM.

<table>
<thead>
<tr>
<th>Boeing</th>
<th>Pacific Northwest National Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grand County Government</td>
<td>United Nations</td>
</tr>
<tr>
<td>Newmont Mining</td>
<td></td>
</tr>
</tbody>
</table>

Other internship opportunities for this department appeared in DiggerNet during the 2014-2015 academic year, including:

<table>
<thead>
<tr>
<th>Abengoa Solar</th>
<th>National Renewable Energy Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avaya</td>
<td>ORAU Oak Ridge Assoc</td>
</tr>
<tr>
<td>Elsiwave Reservoir</td>
<td>Seagate</td>
</tr>
<tr>
<td>EURAXESS Links North America</td>
<td>Shell</td>
</tr>
<tr>
<td>Genscape</td>
<td>Travelport</td>
</tr>
<tr>
<td>iCAST (Int’l Ctr Appropriate Sustainable Technology)</td>
<td>University Corporation for Atmospheric Research</td>
</tr>
<tr>
<td>Lockheed Martin</td>
<td>U.S. Bureau of Land Management</td>
</tr>
</tbody>
</table>
The Mining Engineering Department Report for 2014-2015 includes the following information:

- Summary Data for BS Mining Engineering and MS/PhD Mining & Earth Systems
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

### Mining Department Summary Data

<table>
<thead>
<tr>
<th></th>
<th># Grads</th>
<th>Ind</th>
<th>Gov't</th>
<th>Mil</th>
<th>Grad Sch</th>
<th>Intern'l</th>
<th>Not Looking</th>
<th>Outcomes %</th>
<th>Seeking</th>
<th>Average Salary Offer</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS</td>
<td>40</td>
<td>32</td>
<td>0</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>90%</td>
<td>4</td>
<td>$61,696</td>
</tr>
<tr>
<td>MS</td>
<td>19</td>
<td>6</td>
<td>2</td>
<td>0</td>
<td>5</td>
<td>5</td>
<td>0</td>
<td>95%</td>
<td>1</td>
<td>$69,080</td>
</tr>
<tr>
<td>PhD</td>
<td>4</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>100%</td>
<td>0</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Outcomes Detail

#### Detailed Breakdown

<table>
<thead>
<tr>
<th></th>
<th>Positions Accepted—Industry/Government Summary</th>
<th>Graduate School</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mining</td>
<td>Mfg.</td>
</tr>
<tr>
<td>BS-GP</td>
<td>20</td>
<td>2</td>
</tr>
<tr>
<td>MS-GP</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>PhD-GP</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

### Post-Graduation Career Activity

Note: Each bar represents % of total graduates in the department.
Mining Engineering Department Outcomes and Salary Perspective

Mining Engineering BS Graduates 10-year Outcomes Perspective

Mining & Earth Systems Engineering MS Graduates 10-year Outcomes Perspective

Mining & Earth Systems Engineering PhD Graduates 10-year Outcomes Perspective
Mining Engineering Department Outcomes and Salary Perspective (cont’d)

* There is not enough historical salary data to be reliable for PhD graduates; therefore no graph is provided.
### Internships for Mining Engineering Division Students

The 2014-2015 graduates in this department reported completing internships with the following organizations while at CSM.

<table>
<thead>
<tr>
<th>Organization</th>
<th>Organization</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>AngloGold Ashanti</td>
<td>Grubstaker</td>
<td>Newmont</td>
</tr>
<tr>
<td>Austin Exploration</td>
<td>Hecla Mining</td>
<td>Pacificorp</td>
</tr>
<tr>
<td>AXPRO</td>
<td>Imerys</td>
<td>Peabody Energy</td>
</tr>
<tr>
<td>Barnard Construction</td>
<td>Intrepid Potash</td>
<td>RAG</td>
</tr>
<tr>
<td>Barrick Gold</td>
<td>J.W. Fowler</td>
<td>Resource Capital Funds</td>
</tr>
<tr>
<td>Blast Movement Tech</td>
<td>Jim Walter Resources</td>
<td>Rio Tinto</td>
</tr>
<tr>
<td>Center of Disease Control</td>
<td>Kiewit Mining Group</td>
<td>Seegra</td>
</tr>
<tr>
<td>Cliffs Natural Resources</td>
<td>Lhoist North America</td>
<td>SME</td>
</tr>
<tr>
<td>Coeur Mining</td>
<td>Luminant</td>
<td>Solvay Chemical</td>
</tr>
<tr>
<td>Cripple Creek/Victor Gold Mine</td>
<td>Magnetation</td>
<td>SRK Consulting</td>
</tr>
<tr>
<td>Earth Mechanics Institute</td>
<td>Minera San Cristobal</td>
<td>Stillwater Mining Company</td>
</tr>
<tr>
<td>EMI</td>
<td>Minesight Inc.</td>
<td>Technical University of Bochum</td>
</tr>
<tr>
<td>Freeport McMoran</td>
<td>Mintec Inc.</td>
<td>The Mosaic Company</td>
</tr>
<tr>
<td>Global Resource Engineering</td>
<td>Moretrench</td>
<td>URS Corp</td>
</tr>
<tr>
<td>Gold Standard</td>
<td>Mosaic Potash</td>
<td>USGS</td>
</tr>
<tr>
<td>Goldcorp</td>
<td>N. R. Hamm</td>
<td>Westmoreland Coal Company</td>
</tr>
</tbody>
</table>

Other internship opportunities for this department appeared in DiggerNet during the 2014-2015 year, including:

<table>
<thead>
<tr>
<th>Organization</th>
<th>Organization</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arup</td>
<td>Enerplus Resources</td>
<td>Teck Resources</td>
</tr>
<tr>
<td>BHP Billiton</td>
<td>Gallegos</td>
<td>Tri-State Generation/Transmission</td>
</tr>
<tr>
<td>CalPortland</td>
<td>Summit Materials</td>
<td></td>
</tr>
</tbody>
</table>
The Petroleum Engineering Department Report for 2014—2015 includes the following information:

- Summary Data
- Post Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average

### Petroleum Engineering Summary Data

<table>
<thead>
<tr>
<th></th>
<th>BS</th>
<th>MS</th>
<th>PhD</th>
</tr>
</thead>
<tbody>
<tr>
<td># Grads</td>
<td>177</td>
<td>28</td>
<td>10</td>
</tr>
<tr>
<td>Industry</td>
<td>106</td>
<td>17</td>
<td>4</td>
</tr>
<tr>
<td>Gov't</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Military</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Grad Sch</td>
<td>21</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Intern'l</td>
<td>14</td>
<td>7</td>
<td>6</td>
</tr>
<tr>
<td>Not Looking</td>
<td>4</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Outcomes %</td>
<td>82%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>Seeking</td>
<td>32</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Average Salary Offer</td>
<td>$83,615</td>
<td>$99,187</td>
<td>$105,667</td>
</tr>
</tbody>
</table>

### Outcomes Detail

<table>
<thead>
<tr>
<th>Detailed Breakdown</th>
<th>Positions Accepted—Industry/Government Summary</th>
<th>Graduate School</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Oil /Gas</td>
<td>Consulting / Development</td>
</tr>
<tr>
<td>BS</td>
<td>96</td>
<td>6</td>
</tr>
<tr>
<td>MS</td>
<td>16</td>
<td>0</td>
</tr>
<tr>
<td>PhD</td>
<td>3</td>
<td>0</td>
</tr>
</tbody>
</table>

### Post-Graduation Career Activity

Note: Each bar represents % of total graduates in the department
Petroleum Engineering Department Salary Perspective *

* There is not enough historical salary data to be reliable for PhD candidates, therefore a graph is not provided.
Internships for Petroleum Engineering Students

The 2014-2015 graduates in this department reported completing internships with the following organizations while at CSM.

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Company Name</th>
<th>Company Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aera Energy</td>
<td>Digital Petrodata</td>
<td>Monaco Services</td>
</tr>
<tr>
<td>AEXCO Petroleum</td>
<td>Discovery Natural Resources</td>
<td>NER</td>
</tr>
<tr>
<td>Afren</td>
<td>Dolan Integration Group</td>
<td>Newfield Exploration</td>
</tr>
<tr>
<td>AKA Energy</td>
<td>Drill Cool Systems</td>
<td>Nicholson Construction</td>
</tr>
<tr>
<td>AMEC</td>
<td>Encana Oil &amp; Gas</td>
<td>Noble Energy</td>
</tr>
<tr>
<td>American Eagle Energy</td>
<td>Energy XXI</td>
<td>NREL</td>
</tr>
<tr>
<td>Anadarko</td>
<td>Enerplus</td>
<td>Oasis Petroleum</td>
</tr>
<tr>
<td>Antero Resources</td>
<td>Enervest</td>
<td>Oxy</td>
</tr>
<tr>
<td>Apache</td>
<td>Enserca Engineering</td>
<td>Olsson Associates</td>
</tr>
<tr>
<td>Apogee Scientific</td>
<td>EOG Resources</td>
<td>Overland Resources</td>
</tr>
<tr>
<td>Arctic Falcon</td>
<td>EP Energy</td>
<td>OXY</td>
</tr>
<tr>
<td>Atlas Energy</td>
<td>EQT</td>
<td>P2 Energy Solutions</td>
</tr>
<tr>
<td>AUC</td>
<td>Exxonmobil</td>
<td>Patriot Resources</td>
</tr>
<tr>
<td>Austin Exploration</td>
<td>Freeport McMoRan</td>
<td>PDC Energy</td>
</tr>
<tr>
<td>Baker Hughes</td>
<td>Gravity Resources</td>
<td>PETRONAS Malaysia</td>
</tr>
<tr>
<td>BHP Billiton</td>
<td>Great Western Oil and Gas</td>
<td>Pioneer Energy Services</td>
</tr>
<tr>
<td>Bill Barrett</td>
<td>Gyrodata</td>
<td>Precision Drilling</td>
</tr>
<tr>
<td>Blackeagle Energy Services</td>
<td>Halker Consulting</td>
<td>Prima Exploration</td>
</tr>
<tr>
<td>BOPOCO</td>
<td>Halliburton</td>
<td>PXP</td>
</tr>
<tr>
<td>BP</td>
<td>Haltermann</td>
<td>Rampart Energy</td>
</tr>
<tr>
<td>Brannan Sand and Gravel</td>
<td>Hathaway</td>
<td>Ranch Oil</td>
</tr>
<tr>
<td>BreitBurn Energy</td>
<td>Hawkwood Energy</td>
<td>Raytheon Missile Systems</td>
</tr>
<tr>
<td>BSEE</td>
<td>Hefei Natural Gas</td>
<td>Resolute Energy</td>
</tr>
<tr>
<td>Cenovus Energy</td>
<td>Helmerich &amp; Payne</td>
<td>RIM Operating</td>
</tr>
<tr>
<td>Chesapeake Energy</td>
<td>Hunt Oil</td>
<td>RK Mechanical</td>
</tr>
<tr>
<td>Chevron</td>
<td>I.D.P.O</td>
<td>RockPile Energy Services</td>
</tr>
<tr>
<td>COGCC</td>
<td>Inflection Energy</td>
<td>Samson Resources</td>
</tr>
<tr>
<td>Colorado GOP</td>
<td>J&amp;R Well Service</td>
<td>Santa Maria energy</td>
</tr>
<tr>
<td>Concord Energy Holdings</td>
<td>Jagged Peak Energy</td>
<td>Schlumberger</td>
</tr>
<tr>
<td>ConocoPhillips</td>
<td>Latshaw Drilling</td>
<td>Schneider Well Services</td>
</tr>
<tr>
<td>Consolidated Oil Well Services</td>
<td>Liberty Oilfield Services</td>
<td>Sedalia Energy</td>
</tr>
<tr>
<td>Continental Resources</td>
<td>Maersk Oil</td>
<td>Seeley Oil</td>
</tr>
<tr>
<td>Crescent Point Energy</td>
<td>Magna Energy Services</td>
<td>Seidel Technologies</td>
</tr>
<tr>
<td>Crystal River Oil and Gas</td>
<td>Major Drilling</td>
<td>Shale Tech International Services</td>
</tr>
<tr>
<td>Denbury</td>
<td>Marathon Oil</td>
<td>Shell</td>
</tr>
<tr>
<td>Devon Energy</td>
<td>Marquette Exploration</td>
<td>SM Energy</td>
</tr>
<tr>
<td>DeWalch Technologies</td>
<td>M13 Petroleum</td>
<td>Solar Bee</td>
</tr>
</tbody>
</table>
## Internships for Petroleum Engineering Students (cont’d)

More organizations that graduates in this department reported completing internships with while at CSM included:

<table>
<thead>
<tr>
<th>Source Energy Partner</th>
<th>Tarbagatay Munay</th>
<th>Whiting Petroleum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Southern Ute Growth Fund Dept.</td>
<td>Tecpetrol</td>
<td>Wild Colt Oil and Gas</td>
</tr>
<tr>
<td>Southwestern Energy</td>
<td>Tengizchevroil</td>
<td>Wild Well Control</td>
</tr>
<tr>
<td>Statoil</td>
<td>Trimble Navigation</td>
<td>Worley Parsons</td>
</tr>
<tr>
<td>StoneAge Waterblast Tools</td>
<td>US Bureau of Reclamation</td>
<td>Xanadu Exploration</td>
</tr>
<tr>
<td>Sundyne</td>
<td>University of Wyoming</td>
<td>XTO Energy</td>
</tr>
<tr>
<td>Swire Oilfield Services</td>
<td>VAALCO Energy</td>
<td>Yetter Well Service</td>
</tr>
<tr>
<td>SWN</td>
<td>Vaquero Energy</td>
<td>Zavanna</td>
</tr>
<tr>
<td>T.M. McCoy &amp; Co.</td>
<td>Venoco</td>
<td></td>
</tr>
</tbody>
</table>

Other internship opportunities for this department appeared in DiggerNet during the 2014—2015 year, including:

<table>
<thead>
<tr>
<th>C12 Energy</th>
<th>Hess</th>
<th>Meritage Midstream</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cimarex Energy</td>
<td>Hilcorp Alaska</td>
<td>QEP Resources</td>
</tr>
<tr>
<td>Eagle River Water Sanitation Dist.</td>
<td>Linn Energy</td>
<td>Rosetta Resources</td>
</tr>
</tbody>
</table>
This chapter of the 2014-2015 Colorado School of Mines Career Center Annual Report includes outcome details for those majors that are interdisciplinary in nature, combining input from several departments within Colorado School of Mines. The graduates receive a Master of Science or Doctor of Philosophy degree from within one of a variety of academic departments.

This chapter contains information for the following graduate level interdisciplinary academic programs:

- Geochemistry
- Hydrological Science & Engineering
- Materials Science
- Nuclear Science & Engineering
- Operations Research
- Underground Construction & Tunneling
The Geochemistry Interdisciplinary Degree Report for 2014-2015 includes the following:

- Summary Data
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

### Geochemistry Summary Data

<table>
<thead>
<tr>
<th></th>
<th># Grads</th>
<th>Ind</th>
<th>Gov't</th>
<th>Mil</th>
<th>Grad Sch</th>
<th>Intern'l</th>
<th>Not Looking</th>
<th>Outcomes %</th>
<th>Seeking</th>
<th>Average Salary Offer</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS - GC</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>100%</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>PhD - GC</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>N/A</td>
<td>0</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Outcomes Detail

#### Detailed Breakdown

<table>
<thead>
<tr>
<th>Detailed Breakdown</th>
<th>Positions Accepted—Industry/Government</th>
<th>Summary</th>
<th>Graduate School</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Consulting</td>
<td>Gov't</td>
<td>Academia</td>
</tr>
<tr>
<td>MS - GC</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>PHD-GC</td>
<td>0</td>
<td>0</td>
<td>2</td>
</tr>
</tbody>
</table>

### Post-Graduation Career Activity

Note: Each bar represents % of total graduates in the department
**Geochemistry Graduate Outcomes Perspective**

* There is not enough historical salary data to be reliable for MS or PhD candidates, therefore graphs are not provided.

### Geochemistry MS Graduates 10-year Outcomes Perspective

### Geochemistry PhD Graduates 10-year Outcomes Perspective

**Internships for Geochemistry Students**

No 2014-2015 graduates in this department reported completing internships while at CSM.

Other internship opportunities in DiggerNet during the 2014-2015 academic year for this major included:

<table>
<thead>
<tr>
<th>Company Name</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Baker Hughes</td>
<td>Newmont Mining</td>
</tr>
<tr>
<td>Bishop-Brogden Associates</td>
<td>Oak Ridge Institute</td>
</tr>
<tr>
<td>Bureau of Land Management</td>
<td>Sandia National Lab</td>
</tr>
<tr>
<td>Chevron</td>
<td>Sempra U.S. Gas &amp; Power</td>
</tr>
<tr>
<td>Colorado Springs Utilities</td>
<td>SJR Environmental</td>
</tr>
<tr>
<td>Hunt Oil</td>
<td>XTO Energy</td>
</tr>
<tr>
<td>Lhoist North America</td>
<td>U.S.G.S.</td>
</tr>
<tr>
<td>National Renewable Energy Lab (NREL)</td>
<td></td>
</tr>
</tbody>
</table>
The Hydrology Interdisciplinary Degree Report for 2014-2015 includes the following:

- Summary Data for Hydrology (HY)
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

### Hydrology Summary Data

<table>
<thead>
<tr>
<th></th>
<th>MS - HY</th>
<th>PhD - HY</th>
</tr>
</thead>
<tbody>
<tr>
<td># Grads</td>
<td>18</td>
<td>2</td>
</tr>
<tr>
<td>Industry</td>
<td>10</td>
<td>0</td>
</tr>
<tr>
<td>Gov’t</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Military</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Grad Sch</td>
<td>3</td>
<td>0</td>
</tr>
<tr>
<td>Intern’</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Not Looking</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Outcomes %</td>
<td>89%</td>
<td>100%</td>
</tr>
<tr>
<td>Seeking</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>Average Salary Offer</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

### Outcomes Detail

#### Detailed Breakdown

<table>
<thead>
<tr>
<th>Detailed Breakdown</th>
<th>Positions Accepted—Industry/Government Summary</th>
<th>Graduate School</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Consulting</td>
<td>Gov’t</td>
</tr>
<tr>
<td>MS - HY</td>
<td>8</td>
<td>1</td>
</tr>
<tr>
<td>PHD-HY</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

### Post-Graduation Career Activity

Note: Each bar represents % of total graduates in the department.
Hydrology Graduate Outcomes Perspective

* There is not enough historical salary data to be reliable for PhD candidates, therefore graphs are not provided.

Hydrology MS Graduates Outcomes Perspective

Internships for Hydrology Students

The 2014-2015 graduates in this department reported completing internships at the following organizations while at CSM.

<table>
<thead>
<tr>
<th>CH2M HILL</th>
<th>Freeport McMoRan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enginuity Engineering Solutions</td>
<td>Pagosa Verde</td>
</tr>
<tr>
<td>Felsburg, Holt &amp; Ullevig</td>
<td></td>
</tr>
</tbody>
</table>

Other internship opportunities in DiggerNet during the 2014-2015 academic year for this major included:

<table>
<thead>
<tr>
<th>Anadarko</th>
<th>Evraz</th>
<th>Sempra U.S. Gas &amp; Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bishop-Broden Assoc.</td>
<td>Federal Highway Administration</td>
<td>SJR Environmental</td>
</tr>
<tr>
<td>City of Colorado Springs</td>
<td>IX Power Clean Water</td>
<td>U.S. Dept. of Transportation</td>
</tr>
<tr>
<td>Denver Water</td>
<td>National Renewable Energy Lab</td>
<td>U.S. EPA</td>
</tr>
<tr>
<td>Eagle River W&amp;S</td>
<td>Rocky Mountain Nature Association</td>
<td>U.S. G.S.</td>
</tr>
<tr>
<td>Encana Oil &amp; Gas</td>
<td>S.S. Papadopulos</td>
<td>White Sands Water Engineers</td>
</tr>
</tbody>
</table>
The Materials Science Report for 2014-2015 includes the following:

- Summary Data
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Salary

### Materials Science Summary Data

<table>
<thead>
<tr>
<th># Grads</th>
<th>Industry</th>
<th>Gov't.</th>
<th>Military</th>
<th>Grad Sch</th>
<th>Intern'l</th>
<th>Not Looking</th>
<th>Outcomes %</th>
<th>Seeking</th>
<th>Average Salary Offer</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS - ML</td>
<td>3</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>100%</td>
<td>0</td>
</tr>
<tr>
<td>PhD - ML</td>
<td>13</td>
<td>4</td>
<td>4</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>0</td>
<td>92%</td>
<td>1</td>
</tr>
</tbody>
</table>

* N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

Degrees offered are a Master of Science and a Doctor of Philosophy; a minor is offered at the undergraduate level.

### Outcomes Detail

<table>
<thead>
<tr>
<th>Detailed Breakdown</th>
<th>Positions Accepted—Industry/Government</th>
<th>Summary</th>
<th>Graduate School</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Oil/Gas</td>
<td>Consulting</td>
<td>Renewable Energy</td>
</tr>
<tr>
<td>MS - ML</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>PhD - ML</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

**Post-Graduation Career Activity**

Note: Each bar represents % of total graduates in the department
**Materials Science Graduate Outcomes and Salary Perspective**

* There is not enough historical salary data to be reliable for MS graduates; only a PhD graph is provided.

**Materials Science MS Graduates 10-year Outcomes Perspective**

**Materials Science PhD Graduates 10-year Outcomes Perspective**

**Materials Science PhD Graduates 10-year Salary Perspective**
Internships for Materials Science Students

The 2014-2015 graduates in this department reported completing internships at the following organizations while at CSM.

<table>
<thead>
<tr>
<th>Organization Name</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aeroflex Microelectronic Solutions</td>
<td>Libyan FDA</td>
</tr>
<tr>
<td>Colorado Center for Advanced Ceramics</td>
<td>National Renewable Energy Lab</td>
</tr>
<tr>
<td>ITN Energy Systems</td>
<td></td>
</tr>
</tbody>
</table>

Other internship opportunities in DiggerNet during the 2014-2015 academic year for this major included:

<table>
<thead>
<tr>
<th>Organization Name</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADA Technologies, Inc.</td>
<td>National Institute of Standards/Technology (NIST)</td>
</tr>
<tr>
<td>Applied Process Inc.</td>
<td>Newmont</td>
</tr>
<tr>
<td>ArcelorMittal</td>
<td>Oak Ridge Institute</td>
</tr>
<tr>
<td>Baker Hughes</td>
<td>ORAU Oak Ridge Associated Universities</td>
</tr>
<tr>
<td>Blount International</td>
<td>Orbital ATK</td>
</tr>
<tr>
<td>Chevron Corporation</td>
<td>Raytheon Company</td>
</tr>
<tr>
<td>Eaton Corporation</td>
<td>Rio Tinto</td>
</tr>
<tr>
<td>ExxonMobil (Engineering)</td>
<td>Sandia National Laboratories</td>
</tr>
<tr>
<td>Global Tungsten &amp; Powders Corp.</td>
<td>Scot Forge Company</td>
</tr>
<tr>
<td>Hecla Mining Company</td>
<td>Shell</td>
</tr>
<tr>
<td>Honda of America Mfg.</td>
<td>SSAB Iowa Inc.</td>
</tr>
<tr>
<td>IBM Systems and Technology Group</td>
<td>Timken Steel</td>
</tr>
<tr>
<td>IMERYS</td>
<td>U.S. Steel Corporation (USS)</td>
</tr>
<tr>
<td>Intrepid Potash</td>
<td>Universal Stainless &amp; Alloy Products</td>
</tr>
<tr>
<td>Johns Manville</td>
<td>WesTest</td>
</tr>
<tr>
<td>MKS Instruments</td>
<td>Woodward, Inc</td>
</tr>
</tbody>
</table>
The Nuclear Engineering Report for 2014-2015 includes the following:

- Summary Data
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Salary

### Nuclear Science and Engineering Summary Data

<table>
<thead>
<tr>
<th></th>
<th># Grads</th>
<th>Industry</th>
<th>Gov’t.</th>
<th>Military</th>
<th>Grad Sch</th>
<th>Intern’l</th>
<th>Not Looking</th>
<th>Outcomes %</th>
<th>Seeking</th>
<th>Average Salary Offer</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS - NU</td>
<td>7</td>
<td>4</td>
<td>2</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>100%</td>
<td>0</td>
<td>$63,289</td>
</tr>
<tr>
<td>PhD - NU</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>100%</td>
<td>0</td>
<td>N/A</td>
</tr>
</tbody>
</table>

* N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

Degrees offered are a Master of Science and a Doctor of Philosophy; a minor is offered at the undergraduate level.

### Outcomes Detail

#### Detailed Breakdown

<table>
<thead>
<tr>
<th>Detailed Breakdown</th>
<th>Positions Accepted—Industry/Government Summary</th>
<th>Graduate School</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Utilities / Nuclear</td>
<td>Aerospace / Defense</td>
</tr>
<tr>
<td>MS - NU</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>PhD - NU</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

#### Post-Graduation Career Activity

Note: Each bar represents % of total graduates in the department
Nuclear Science and Engineering Graduate Outcomes and Salary Perspective

The first MS graduates from this program received degrees in Spring 2009; the first PhD degree was awarded Spring 2012. No historic salary information is available due to the size of the program at this time.

Internships for Nuclear Engineering Division Students

The 2014-2015 graduates in this department reported completing internships with the following organizations while at CSM.

<table>
<thead>
<tr>
<th>Dominion Virginia Power</th>
<th>Rocky Mountain Instruments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Idaho National Laboratory</td>
<td>VillageTech Solutions</td>
</tr>
</tbody>
</table>

Other internship opportunities for this department appeared in DiggerNet during the 2014-2015 year, including:

<table>
<thead>
<tr>
<th>Agilent Technologies</th>
<th>National Renewable Energy Lab (NREL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arch Coal</td>
<td>Pacific Northwest National Lab</td>
</tr>
<tr>
<td>Atlas Energy</td>
<td>Sandia National Lab</td>
</tr>
<tr>
<td>CB&amp;I</td>
<td>Sempra U.S. Gas &amp; Power</td>
</tr>
<tr>
<td>Crescent Point Energy</td>
<td>The Williams Companies</td>
</tr>
</tbody>
</table>
The Operations Research Interdisciplinary Degree Report for 2014-2015 includes the following:

- Summary Data
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

### Operations Research Summary Data

<table>
<thead>
<tr>
<th># Grads</th>
<th>Ind</th>
<th>Gov't</th>
<th>Mil</th>
<th>Grad Sch</th>
<th>Intern'l</th>
<th>Not Looking</th>
<th>Outcomes %</th>
<th>Seeking</th>
<th>Average Salary Offer</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS - OR</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>N/A</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>PhD - OR</td>
<td>3</td>
<td>1</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>100%</td>
<td>0</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Outcomes Detail

#### Detailed Breakdown

<table>
<thead>
<tr>
<th>Detailed Breakdown</th>
<th>Positions Accepted—Industry/Government Summary</th>
<th>Graduate School</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Consulting</td>
<td>Gov't / Military</td>
</tr>
<tr>
<td>MS - OR</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>PhD - OR</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

### Post-Graduation Career Activity

Note: Each bar represents % of total graduates in the department

- % Graduate School
- % Industry or Government
- % Outcomes
Operations Research Graduate Outcomes Perspective

* The first graduates of the Colorado School of Mines Operations Research program completed their degrees in the 2014-2015 academic year. At this point there were only PhD degrees awarded. Therefore there is insufficient information for a historic perspective.

Internships for Operations Research

No 2014-2015 graduates in this program reported completing internships while at CSM.

Other internship opportunities in DiggerNet during the 2014-2015 academic year for this major included:

<table>
<thead>
<tr>
<th>Air Sciences Inc.</th>
<th>National Renewable Energy Laboratory (NREL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catholic Health Initiatives</td>
<td>Navigant Consulting</td>
</tr>
<tr>
<td>Chevron Corporation</td>
<td>Nestle Purina</td>
</tr>
<tr>
<td>Colorado Department Of Transportation</td>
<td>ORAU Oak Ridge Associated Universities</td>
</tr>
<tr>
<td>Crescent Point Energy</td>
<td>Platts/McGraw Hill</td>
</tr>
<tr>
<td>IP Commerce, Inc</td>
<td>Sandia National Laboratories</td>
</tr>
<tr>
<td>Lockheed Martin</td>
<td>Sempra U.S. Gas &amp; Power</td>
</tr>
<tr>
<td>MillerCoors</td>
<td>U.S.G.S. National Geospatial Tech. Operations</td>
</tr>
</tbody>
</table>
The Underground Construction & Tunneling Interdisciplinary Degree Report for 2014-2015 includes the following:

- Summary Data
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

**Operations Research Summary Data**

<table>
<thead>
<tr>
<th></th>
<th># Grads</th>
<th>Ind</th>
<th>Gov't</th>
<th>Mil</th>
<th>Grad Sch</th>
<th>Intern'l</th>
<th>Not Looking</th>
<th>Outcomes %</th>
<th>Seeking</th>
<th>Average Salary Offer</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS - UT</td>
<td>2</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>N/A</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>PhD - UT</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>100%</td>
<td>0</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Outcomes Detail**

<table>
<thead>
<tr>
<th>Detailed Breakdown</th>
<th>Positions Accepted—Industry/Government Summary</th>
<th>Graduate School</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Consulting</td>
<td>Gov't / Military</td>
</tr>
<tr>
<td>MS - UT</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>PhD - UT</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

**Post-Graduation Career Activity**

Note: Each bar represents % of total graduates in the department.
Underground Construction & Tunneling Graduate Outcomes Perspective

* The first graduates of the Colorado School of Mines Underground Construction & Tunneling program completed their degrees in the 2014-2015 academic year. At this point there were only PhD degrees awarded. Therefore there is insufficient information for a historic perspective.

Internships for Underground Construction & Tunneling

The 2014-2015 graduates in this program reported completing internships at the following organizations while at CSM:

<table>
<thead>
<tr>
<th>Arup</th>
<th>Southwell Trapp &amp; Associates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barnard Construction</td>
<td>Traylor Brothers</td>
</tr>
<tr>
<td>Flatiron Construction</td>
<td></td>
</tr>
</tbody>
</table>

Other internship opportunities in DiggerNet during the 2014-2015 academic year for this major included:

<table>
<thead>
<tr>
<th>Arch Coal</th>
<th>National Renewable Energy Lab</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chevron</td>
<td>Sempra U.S. Gas &amp; Power</td>
</tr>
<tr>
<td>Colorado Springs Utilities</td>
<td></td>
</tr>
</tbody>
</table>