COLORADO SCHOOL OF MINES

2011 - 2012
Career Center Annual Report

Mines Career Center
Ben F. Parker Student Center, Suite 37
http://careers.mines.edu
(303) 273-3233

CAREER CENTER
COLORADOSCHOOLOFMINES

THIS PAGE LEFT INTENTIONALLY BLANK

Executive Summary

Each year, the Colorado School of Mines Career Center collects data and analyzes the outcomes and recruiting activities at the Colorado School of Mines during the prior academic year. This report contains information for graduates from the 2011-2012 academic year including those who received their degrees in December 2011, May, June, and August of 2012.

During the 2011-2012 academic year the Mines graduating class population was the largest to-date. The campus experienced a large increase in BS and PhD graduating population over prior year and a slight increase in MS graduates over prior year. It is no surprise that the BS programs with the highest number of graduates were Mechanical Engineering and Petroleum Engineering. Even though the campus experienced an increase in interviews held on-campus, the students/graduates in all majors still found that the interview process was more competitive due to the increase in available graduates. Nevertheless, the number of students/graduates with multiple job offers from which to choose was slightly higher than prior year.

Although the Career Center still faced the challenge of an economic recovery, the shortage of engineers helped to keep the campus outcomes and recruiting efforts at a positive, steady level. In the 2011-2012 academic year the Mines Career Center saw a healthy increase in the student, graduate, and on-campus recruiting activity. The results of the increase in activity as well as the Career Center efforts showed in the final outcomes rates. By the end of the reporting year, **90**% of the 2011-2012 BS graduates had positive outcomes, with MS achieving **94%** positive outcomes rate and PhD graduate cohorts achieving **95%** positive outcomes rate. Included in "positive outcomes" numbers are those committed to jobs in industry, government, military and those who are going to graduate school; in addition, there are those who report they are not looking for other reasons. Another category of "outcomes" for graduates are those international students who have not received positions with U.S. based companies, and who are assumed to return to utilize their education in their home countries following degree completion.

The overall average BS salary offer was **$66,032,** a 2.5% increase over prior year. The MS graduates achieved an average salary of **$72,317,** a 7.2% increase over prior year; while the salaries for PhD graduates had a 5.8% decrease over prior year, with an average salary of **$82,226.**

In 2011-2012, many regular employing organizations cautiously increased their number repeat on-site recruiting activities and events normally attended. In spite of this economic recovery, the campus held the second largest Career Day in Mines history in the Fall 2011 event with 208 organizations, and the third largest Career Day in the Spring 2012 event with 192 organizations. Student participation for these events has progressively increased with over 3150 students, grads and alums attending in Fall 2011 and over 2200 in Spring 2012. This improvement is an effect of both increased departmental and student outreach activities.

On-campus interviews during the Mines 2011 - 2012 academic year achieved record numbers, with 3,265 on-campus interviews held in Fall 2011 (compared to 2,700 in Fall 2010) and 1,350 on-campus interviews held in Spring 2012 (compared to 1,332 in Spring 2011), for a total of 4,615. The campus also hosted a total of 104 company information sessions (compared to 100 in 2010-2011). Company information sessions are a vital activity 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 885 companies entering 2102 job postings in 2011-2012, compared to 731 companies posing 1732 jobs in 2010-2011. The steady stream of job postings in mid-late Spring 2012 resulted in a strong showing for end of the semester recruiting events such as Virtual Career Fair and Spring Launch. The Spring 2012 Virtual Career Fair held in April had a record 63 employers, with students submitting 1066 applications for open positions. Finally, the 2012 Spring Launch Recruiting Event held at the end of April 2012 continued to provide a concentrated opportunity with 21 companies and 215 interviews completed by students that were still seeking an internship or full-time position late in the semester.

Looking Forward

Employment opportunities for Mines students and graduates are projected to continue to increase in the 2012-2013 academic year. Although lacking the staffing levels greatly needed to remain competitive, the Colorado School of Mines Career Center will work hard to continue its student professional development programs, enhanced outreach activities, and employer relations services incorporated during the past couple of years. The department will build upon the prior success of the Faculty Relations Program and current recruiting events, while looking for new and/or alternative programs and opportunities.

The Career Center will continue to be dedicated to providing instruction and to assisting students one -on-one with such skills as resume and cover letter writing, interviewing, networking, using resources for in-depth employer research, and looks to continue with the distribution and utilization of the new Mines Strategy Career Manual, which won second place in the National Association of Colleges and Employers (NACE) Student Engagement Award. 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 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. Career Center Services and Outreach 1

II. Outcomes and Salary Surveys 3

Graduating Class Outcomes 3
Industry Data 5
Graduate Status and Salary Offer Tables 6

III. Special Interest Groups 9
Women 9
Minorities 11

IV. Mines Recruiting 13
Recruiting Summary 13
On-Campus Recruiting 14
Early Bird Interviews 14
Online Recruiting 16

V. Mines Career Day and Special Recruiting Events 17
Career Days 17
Virtual Career Fairs 19
Special Recruiting Events 20

VI. Technical Experience 21
Graduates with Technical Work Experience 21
Internships/Co-Operative Education/Job Shadow 22
2012 Summer Internship Salaries 23

Appendices

A. Update Report on Recent Graduates

B. Mines Recruiting List - August 2011 to July 2012

C. Division and Department Reports

Figures and Tables

Tables:

1. Positions Accepted by Job-Seeking Graduates 2011-2012 5
2. BS Graduate Status and Salary Offers - December 2011-August 2012 6
3. MS/Professional Graduate Status and Salary Offers - Dec. 2011-May 2012 7
4. Doctoral Graduate Status and Salary Offers - Dec. 2011-May 2012 8
5. Women Graduate Status - December 2011-August 2012 9
6. Minority Graduate Status - December 2011-August 2012 11
7. DiggerNet Employers and Job Postings 16
8. Summer 2012 Undergraduate Level Internships - Compensation Reported by Major 23
9. Summer 2012 Graduate Level Internships - Compensation Reported by Major 23

Figures:

1. Mines December 2011–August 2012 Graduate Outcomes 3
2. Mines 10-Year Outcomes Perspective 4
3. Accepted Industry Positions by Degree 5
4. BS Women Outcomes vs. Campus-wide BS Outcomes 9
5. MS/P Women Outcomes vs. Campus-wide MS & P Outcomes 10
6. PhD Women Outcomes vs. Campus-wide PhD Outcomes 10
7. BS Minority Outcomes vs. Campus-wide BS Outcomes 12
8. MS/P Minority Outcomes vs. Campus wide MS & P Outcomes 12
9. Accepted Positions with Companies Involved in Mines Recruiting 2011-2012 13
10. 5-Year On-Campus Interviewing History (Total Student Interviews) 14
11. Organizations Present for On-Campus Interviews vs. Undergraduate Outcomes 15
12. Organizations Present for On-Campus Interviews vs. Graduate Level Outcomes 15
13. 10-Year Career Day History 17
14. 5-Year Career Day Student/Graduate Attendance 18
15. Career Day Exhibitors Seeking Mines Students 18
16. Virtual Career Day Employer Participation and Student Response 19
17. TNT and Spring Launch Recruiting Events Company and Student Activity 20
18. B.S. Graduates with Technical Work Experience 21

Career Center Services and Outreach

2011-2012 Colorado School of Mines Career Center Annual Report

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 2011 —2012 academic year to increase student opportunities:

1. Interdepartmental collaborations to increase employer support
2. Update of ***The Mines Strategy: Tools for Engineering Your Job Search,*** the career skills manual which had been recognized with a second place award in student engagement by NACE, national professional organization
3. Two Career Day events for students and employers - September and February
4. Two Virtual Career Fair events - November and April
5. Two end-of-semester networking /interview events (TNT and Spring Launch)
6. Coordination of arrangements for employer visits for on-campus interviews and information sessions, requesting space across campus for students' needs
7. Maintenance and updating of DiggerNet, customized online recruiting system
8. More than 40 career skills workshops for students, including open attendance, for student organizations, and faculty-requested classroom presentations
9. Individualized career counseling, including choice of major
10. Job search skills utilizing the Mines DiggerNet system and other resources
11. Instruction in effective company research prior to applications
12. Resume, CV, and cover letter reviews, from freshman through PhD
13. Practice interviews, utilizing videotaping or direct coaching methods
14. Contract evaluation and salary/other negotiation discussions
15. Presentations at new student events including Discover Mines and Orientation
16. Maintenance of http://careers.mines.edu with extensive career resources
17. Two professional development employer workshops
18. Site visits and marketing to Colorado employers to educate and advocate for Mines' majors, ensuring continuance as a "top tier" school for recruiters
19. Outreach to faculty to facilitate advisement sessions that discuss careers
20. Compilation of more than 30 adhoc reports requested by both administrative and academic departments, as well as by campus donors

CAREER CENTER
COLORADOSCHOOLOFMINES

THIS PAGE LEFT INTENTIONALLY BLANK

Outcomes and Salary Surveys

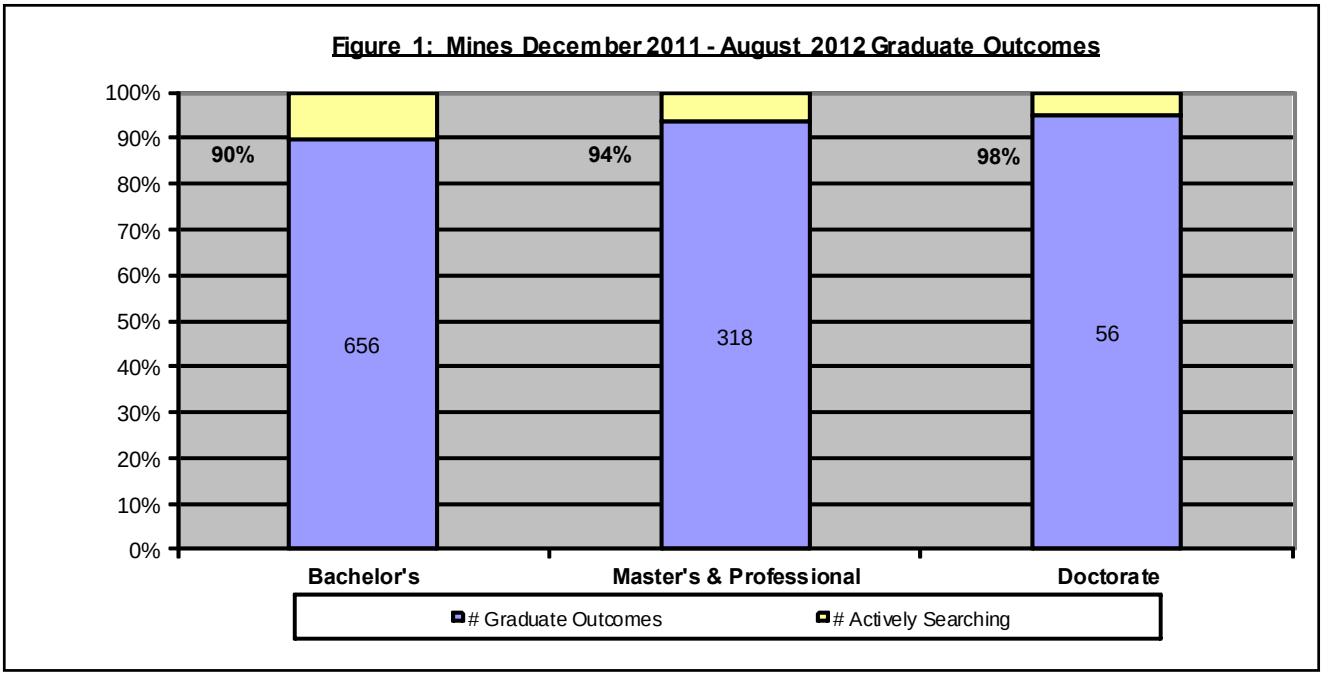
2011-2012 Colorado School of Mines Career Center Annual Report

Graduating Class Outcomes

In spite of national concerns about a slow economic recovery, the outcomes noted for the 2011 - 2012 graduating class stayed positive with outcomes ratings of **90%** BS, **94**% MS, and **95**% PhD. (2010-2011 resulted in nearly identical 90% BS, 94% MS and 98% PhD; coming from 85% BS, 88% MS, and 100% PhD for the 2009-2010 class). The value of the Mines degree is affirmed, though also the proactive job search techniques used by the students is much to be commended.

These figures reflect outcomes which include positions in the workforce (industry, government or military settings), and those choosing to go on to graduate school; in addition, other students considered "accounted for" are international students expected to return to their home country after graduation, and recent graduates not actively seeking employment at this time for a variety of personal reasons. These latter students are urged to contact the Career Center at Mines when they are ready to actively pursue positions relevant to their majors and degrees, because career services are provided to Mines graduates for up to two years following graduation. The MS term refers to Master of Science, and Professional Master's or Master of Engineering degrees.

Figure 1, below, depicts the current outcomes versus searching ratio for the Colorado School of Mines 2011-2012 BS, MS, and PhD graduates.



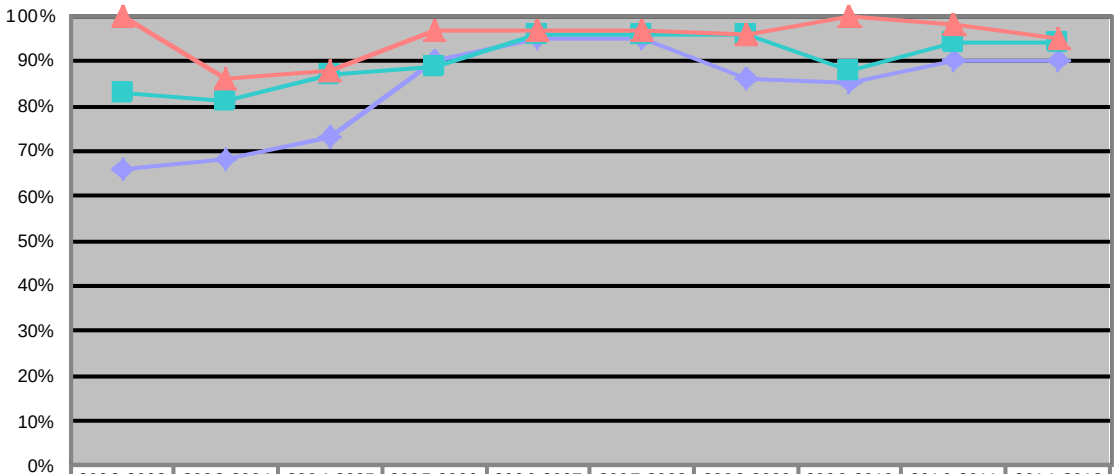
Included in the outcomes percentages are **20%** of BS graduates choosing to go on to graduate school as their next career step; this compares to 24% in 2010-11, 26% in 2009-10, and 32% after 2008-09 graduation. In addition to BS graduates, **15%** of Master's graduates are seeking advanced degrees (equal to the prior year). Of these BS and MS graduates, **61%** are remaining at Mines (compared to 78% in 2010-2011, 70% in 2009-2010). Other institutions chosen include

Brown, Cornell, MIT, Michigan State, Pennsylvania State, Purdue, Stanford, and University of California campuses. In addition to those who pursued advanced degrees with an engineering focus, five BS graduates indicated plans for law school, two noted acceptance to medical school, two are pursuing study in pharmacy, with another heading to veterinary school.

In addition to those Bachelor's and Master's graduates remaining in the academic setting as students, among the 59 individuals graduating with a Doctoral degree from Mines, 10 have chosen academia as a career (6 at Mines), while 3 will be involved in research at the national laboratories sites of Sandia, Lawrence Livermore, and Los Alamos. Detailed information of post-graduation career activity by academic program and degree level is provided at the end of this section as Tables 2-4, with a summary of reported salary offers.

Figure 2 below demonstrates the effects of recent trends in the last ten years on the career outcomes for Mines graduates, specified by degree levels.

Figure 2: Mines 10-Year Outcomes Perspective



	2002-2003	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
Bachelor's	66%	68%	73%	90%	95%	95%	86%	85%	90%	90%
Master's	83%	81%	87%	89%	96%	96%	96%	88%	94%	94%
Doctorate	100%	86%	88%	97%	97%	97%	96%	100%	98%	95%

Historically, around 55% of Mines graduates have remained to work in Colorado. At the height of our economy (2007-2008), this figure had risen to 58% overall. This year, **52%** of total Mines graduates accepting positions in industry or government, stayed in Colorado, compared with 53% in 2010-2011. Specifically, 47% BS, 59% MS/P, 43% PhD graduates remained in Colorado. Other top locations reported included Texas (15% total industry-bound), and California (5%).

Industry Data

Figure 3 below shows the most active hiring trends by industry in 2011-2012, as reported by job-seeking graduates who have accepted positions with U.S. organizations. The oil/gas energy industry hiring was highest; of the 676 industry positions accepted, **252** jobs were in this field (37% compared to 32% or 175 of 545 jobs accepted in this field in 2010-2011). All Mines academic departments were represented in this group of oil/gas energy industry hires.

2011-2012 Highlights

52% of BS graduates accepting industry or government positions stayed in CO,

57% of BS grads pursuing a MS degree chose Mines for their graduate school.

790 total salary offers were reported by BS, MS, and PhD graduates.

Figure 3: Accepted Industry Positions by Degree

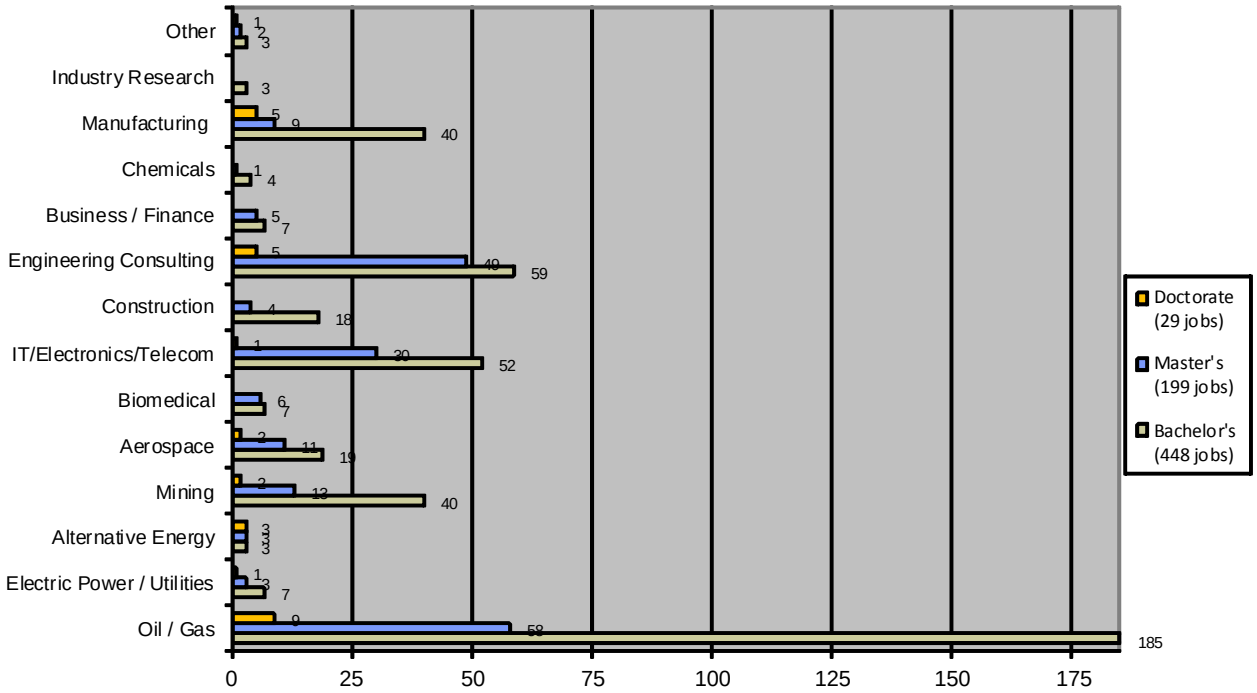


Table 1 offers the perspective of jobs accepted with industry vs. with government agencies.

Table 1: Positions Accepted by Job-Seeking Graduates 2011-2012

	Total 2011-2012 Graduates	Industry Positions Accepted	Government Positions Accepted (Administration, Academia, Research)
Bachelor's	731	448	6
Master's	340	199	17
Doctoral	59	29	17
	1130	676	40

Table 2: BS Graduate Status and Salary Offers - December 2011—August 2012

COLORADOSCHOOLOFMINES

2011 - 2012 CAREER CENTER ANNUAL REPORT
BACHELOR'S DEGREE GRADUATES OUTCOMES AND SALARY SURVEY

Major	# Graduates	Industry	Government	Military	Graduate School	International Returning	Not Looking	Outcomes %	Actively Searching	# Offers Reported	Low Offer Reported	High Offer Reported	2011-2012 Average Salary Offers	Average Mines Offer 2010-2011
Chemical Engineering *(2 double majors)*	61	41	2	0	5	3	2	**87%**	8	55	$ 35,360	$ 106,000	**$ 67,787**	$ 63,879
Chemical & BioChemical	41	27	0	0	9	1	1	**93%**	3	30	$ 43,000	$ 96,500	**$ 66,939**	$ 63,460
Chemistry *(2 double majors)*	18	5	0	1	9	0	0	**83%**	3	4	$ 30,000	$ 71,000	**$ 49,000**	$ 53,200
Chemistry - Biochemistry Specialty	8	2	0	0	3	0	1	**75%**	2	2			**N/A**	N/A
Computer Science *(3 double majors)*	37	27	0	0	8	0	1	**97%**	1	36	$ 50,000	$ 104,000	**$ 60,967**	$ 59,447
Economics & Business *(3 double majors)*	14	9	0	0	3	1	1	**100%**	0	6	$ 35,360	$ 64,200	**$ 48,813**	$ 70,000
Engineering - Civil *(5 double majors)*	69	48	0	0	12	0	3	**91%**	6	52	$ 40,000	$ 81,025	**$ 57,074**	$ 55,634
Engineering -Electrical *(16 double majors)*	60	47	0	1	4	0	0	**87%**	8	58	$ 43,500	$ 92,000	**$ 62,664**	$ 58,031
Engineering -Environmental	20	11	0	0	6	0	0	**85%**	3	12	$ 42,500	$ 104,000	**$ 64,042**	$ 63,050
Engineering - Mechanical *(21 double majors)*	147	107	2	4	17	0	2	**90%**	15	119	$ 40,000	$ 102,400	**$ 63,252**	$ 61,859
Geology & Geological Engineering	33	16	0	0	9	0	3	**85%**	5	17	$ 41,600	$ 67,000	**$ 56,370**	$ 57,193
Geophysics & Geophysical Engineering *(1 double major)*	20	11	1	0	7	0	0	**95%**	1	10	$ 54,012	$ 93,500	**$ 68,281**	$ 83,667
Mathematics *(2 double majors)*	15	4	0	1	6	0	1	**80%**	3	4	$ 45,000	$ 71,500	**$ 57,605**	$ 48,400
Metallurgy & Materials Engineering	33	20	1	0	7	0	3	**94%**	2	37	$ 45,000	$ 92,500	**$ 62,126**	$ 59,872
Mining *(1 double major)*	23	14	0	0	5	3	0	**96%**	1	20	$ 55,000	$ 70,000	**$ 63,490**	$ 62,742
Petroleum Engineering	110	77	0	0	6	21	0	**95%**	6	98	$ 50,000	$ 108,500	**$ 83,055**	$ 78,621
Physics Engineering *(2 double majors)*	51	5	0	2	32	0	1	**78%**	11	5	$ 50,000	$ 66,800	**$ 58,962**	$ 57,343
Sub-Totals (Double Majors included)	*760*	*471*	*6*	*9*	*148*	*29*	*19*	***90%***	*78*					
Total	**731**	**448**	**6**	**9**	**145**	**29**	**19**	**90%**	**75**	**565**			**$ 66,032**	**$ 64,405**

Note: N/A indicates too few or no starting salary offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

Table 3: MS/P Graduate Status and Salary Offers - December 2011—May 2012

COLORADOSCHOOLOFMINES

2011 - 2012 CAREER CENTER ANNUAL REPORT

MASTER'S DEGREE GRADUATES OUTCOMES AND SALARY SURVEY

Major	# Graduates	Industry	Government	Military	Graduate School	International Returning	Not Looking	Outcomes %	Actively Searching	# Offers Reported	Low Offer Reported	High Offer Reported	2011-2012 Average Salary Offers	Average Mines Offer 2010-2011
Chemical Engineering	9	8	0	0	1	0	0	100%	0	6	$65,000	$ 84,800	$ 72,467	$ 84,567
Chemistry	2	0	1	0	1	0	0	100%	0	1			N/A	N/A
Computer Science	18	16	0	0	0	1	0	94%	1	24	$52,000	$ 95,000	$ 72,390	$ 69,333
Engineering - Civil	13	8	0	0	2	2	0	92%	1	9	$40,050	$ 70,000	$ 55,072	$ 60,760
Engineering - Electrical	22	15	1	0	3	2	0	95%	1	10	$55,000	$ 79,019	$ 65,820	$ 66,167
Engineering - Mechanical	36	20	2	0	6	1	0	81%	7	19	$51,500	$ 90,000	$ 70,028	$ 60,696
Engineering Systems	5	5	0	0	0	0	0	100%	0	8	$50,000	$ 110,000	$ 77,938	N/A
Engineering Technology Management	19	13	0	4	0	0	2	100%	0	14	$42,000	$ 99,000	$ 67,379	$ 63,224
Environmental Science & Engineering	31	14	5	1	5	2	1	90%	3	11	$36,000	$ 100,000	$ 58,727	$ 53,765
Geochemistry	2	2	0	0	0	0	0	100%	0	2			N/A	N/A
Geology & Geological Eng.	31	22	0	0	0	4	1	87%	4	24	$45,000	$ 110,000	$ 89,121	$ 71,833
Geophysics & Geophysical Eng.	17	9	1	0	1	6	0	100%	0	11	$38,000	$ 118,000	$ 90,636	$ 99,500
Hydrologic Science & Engineering	10	6	2	0	2	0	0	100%	0	8	$45,000	$ 65,000	$ 53,000	N/A
Int'l Political Econ. of Resources	12	4	0	0	4	1	2	92%	1	1			N/A	N/A
Materials Science	14	4	1	0	9	0	0	100%	0	3	$68,000	$ 70,000	$ 68,755	N/A
Mathematics	10	7	0	0	2	0	0	90%	1	8	$40,000	$ 85,000	$ 65,250	$ 69,333
Metallurgy & Materials Engineering	21	11	0	0	7	3	0	100%	0	9	$58,000	$ 115,000	$ 74,889	$ 67,446
Mineral & Energy Economics	32	18	2	0	1	8	0	91%	3	14	$30,000	$ 115,000	$ 72,850	$ 70,933
Mining & Earth Systems	8	5	0	0	2	1	0	100%	0	2			N/A	N/A
Nuclear Engineering	3	0	1	2	0	0	0	100%	0	1			N/A	N/A
Petroleum Engineering	17	10	0	0	0	7	0	100%	0	5	$60,000	$ 106,000	$ 84,500	$ 89,600
Physics (Applied)	8	2	1	0	5	0	0	100%	0	2			N/A	N/A
Total	**340**	**199**	**17**	**7**	**51**	**38**	**6**	**94%**	*22*	**192**			**$ 72,317**	**$ 67,494**

Note: N/A indicates too few or no starting salary offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

Table 4: PhD Graduate Status and Salary Offers - December 2011—May 2012

COLORADOSCHOOLOFMINES

2011 - 2012 CAREER CENTER ANNUAL REPORT

DOCTORAL DEGREE GRADUATES OUTCOMES AND SALARY SURVEY

Major	# Graduates	Industry	Government	Military	Graduate School	International Returning	Not Looking	Outcomes %	Actively Searching	# Offers Reported	Low Offer Reported	High Offer Reported	2011-2012 Average Salary Offers	Average Mines Offer 2010-2011
Chemical Engineering	3	3	0	0	0	0	0	100%	0	5	$75,000	$110,000	$94,600	$91,333
Chemistry	1	1	0	0	0	0	0	100%	0	0			N/A	N/A
Computer Science	2	1	1	0	0	0	0	100%	0	3	$55,000	$98,000	$77,000	N/A
Engineering - Civil	0	0	0	0	0	0	0	N/A	0	0			N/A	N/A
Engineering - Electrical	2	1	0	0	0	1	0	100%	0	0			N/A	N/A
Engineering - Mechanical	3	1	0	0	0	2	0	100%	0	1			N/A	N/A
Engineering - Systems	2	1	1	0	0	0	0	100%	0	1			N/A	N/A
Environmental Science & Engineering	8	2	6	0	0	0	0	100%	0	3	$45,000	$80,000	$65,000	$74,117
Geochemistry	0	0	0	0	0	0	0	N/A	0	0			N/A	N/A
Geology & Geological Engineering	3	1	2	0	0	0	0	100%	0	0			N/A	$86,667
Geophysics & Geophysical Engineering	3	1	1	0	0	1	0	100%	0	1			N/A	$101,686
Hydrologic Science & Engineering	0	0	0	0	0	0	0	N/A	0	0			N/A	N/A
Materials Science	5	2	1	0	0	1	0	80%	1	3	$70,000	$100,000	$81,667	N/A
Mathematics	1	1	0	0	0	0	0	100%	0	0			N/A	N/A
Metallurgical & Materials Engineering	6	4	1	0	0	1	0	100%	0	7	$80,100	$98,000	$88,840	$88,000
Mineral & Energy Economics	5	1	0	1	0	1	0	60%	2	0			N/A	N/A
Mining & Earth Systems	2	2	0	0	0	0	0	100%	0	2			N/A	N/A
Nuclear Engineering	1	1	0	0	0	0	0	100%	0	0			N/A	
Petroleum Engineering	9	5	2	0	0	2	0	100%	0	4	$40,000	$105,000	$85,150	N/A
Physics (Applied)	3	1	2	0	0	0	0	100%	0	3	$60,000	$76,000	$68,667	$80,875
Totals	59	29	17	1	0	9	0	95%	3	33			$82,226	$87,267

Note: N/A indicates too few or no starting salary offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

Women

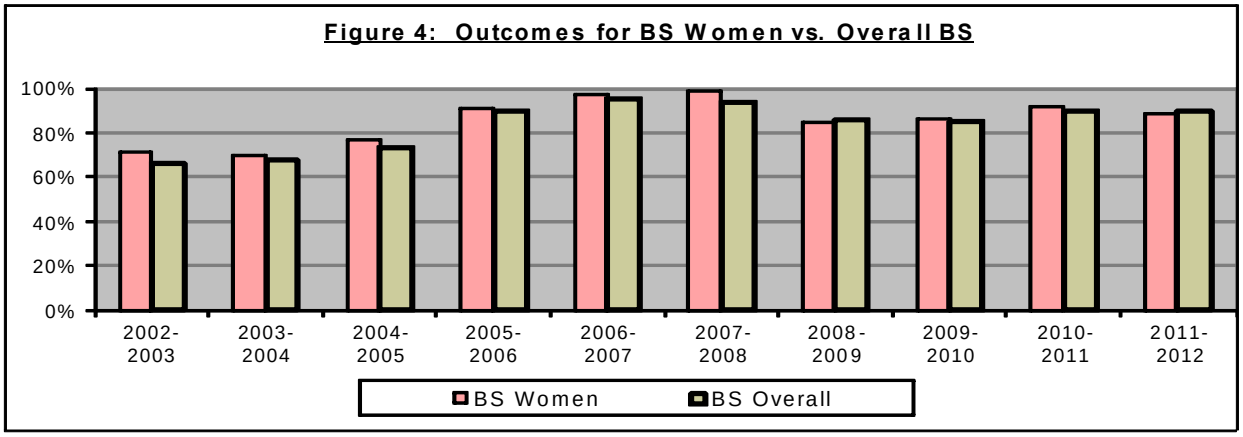
Mines celebrated the graduation of **303** women at Colorado School of Mines in 2011-2012, **27%** of the total 1130 graduates. The calculated overall outcomes (those accepting positions, going on to graduate school, or stating not seeking full-time employment) equals **91%**, equal to the 91% documented for the overall outcomes rate of all 2011-2012 Mines graduates. This compares to the women's outcome rates 92% (2010-11), 86.6% (2009-10), and 89% (2008-09).

Specifically, the percentages are: BS: **89%** compared to **90%** BS overall MS: **93%** compared to **94%** overall for MS; and PhD: **100%**, compared to **95%** for PhD graduates overall. With **205** women going into the work force, this represents a 55% increase of jobs accepted over last year's number of 132.

Only **17%** BS women chose graduate school, declining from 25% in 2010-11 and 32% in 2009-10; this compares to 20% for overall BS to graduate school choice. In 2011-2012, **13%** MS women chose graduate school (compared to 10% in 2010-11, and 23% for 2009-2010); **15%** is this year's overall continuation of MS to PhD. Table 5, below, summarizes the outcomes of 2011-2012 Bachelor's, Master's and Doctoral degree-receiving women following graduation.

Table 5: Women Graduate Status - December 2011 - August 2012

	NUMBER OF GRADUATES	INDUSTRY	GOVT.	MILITARY	GRAD. SCHOOL	INT'L	NOT LOOKING	ACTIVELY SEARCHING	% OUTCOMES
BS	193	123	1	1	33	7	7	21	89%
MS/P	92	58	5	0	12	7	4	6	93%
PHD	18	10	8	0	0	0	0	0	100%
TOTAL	303	191	14	1	45	14	11	27	91%



The women of Mines graduating with Master's degrees are rated at **93%** outcomes (compared to 94% Master's graduates overall).

No PhD women graduating this year reported searching for full-time positions, noting **100%** outcomes, while the 95% overall PhD figure reflects just three graduates searching for specialized positions in specific locations for positions when the data gathering period ended.

2011-2012 Highlights

20% more women graduated from Mines than prior year, totaling **303**.

91% of BS, MS, and PhD women graduates note positive outcomes.

87% of BS, MS, and PhD minority graduates note positive outcomes.

Figure 5: Outcomes for MS/P Women vs. Overall MS/P

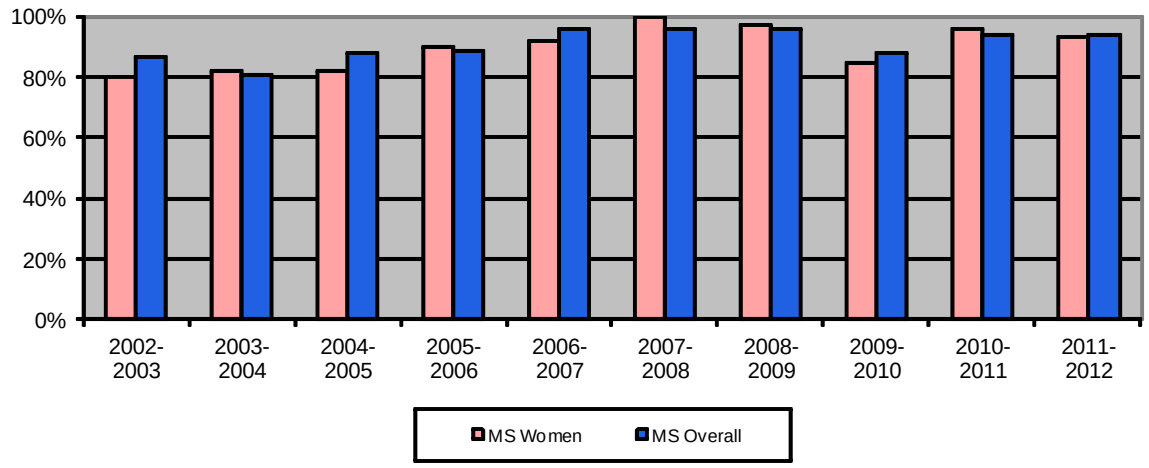
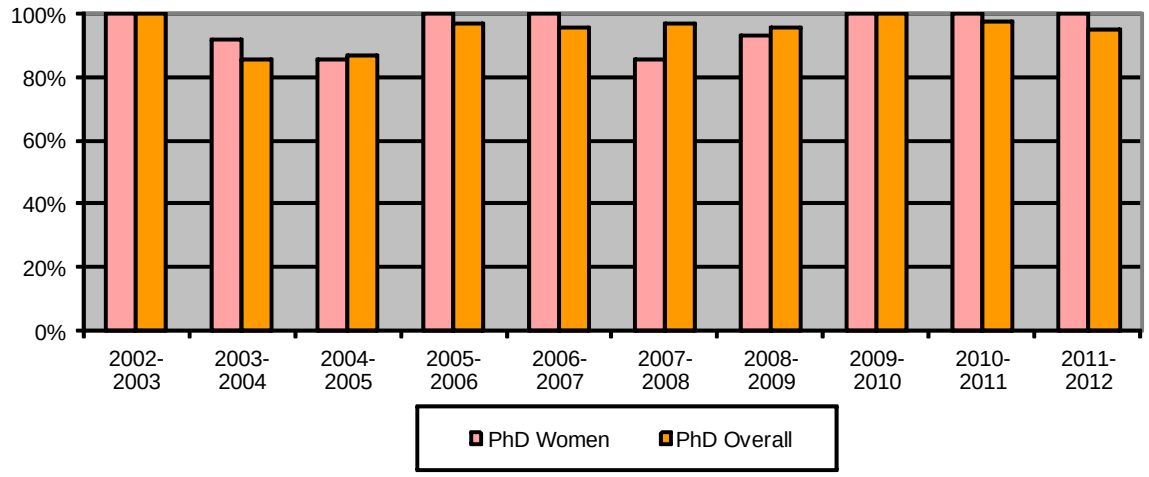


Figure 6: Outcomes for PhD Women vs. Overall PhD



Minorities

The total number of minority students graduating from Mines in 2011-2012 was **129** (similar to last year's 130 but with a slight variation in composition compared to the prior year): **18** African American/Black versus 12, **6** Native American versus 5, **59** Asian versus 50, and **46** Hispanic as compared to 63 in 2010-2011. Compared to 91% outcomes rate for Mines overall, **87%** of the minority graduates reported positive outcomes of working, continuing to graduate school, or not looking for a position related to their major at this time. Though same as the 2010-2011 87% minority outcomes rate, this year saw **6** more entering jobs, and fewer to graduate school.

Table 6 details post-graduate status for minorities at Mines, detailed by ethnic designations as described by the Registrar. Due to small numbers of graduates, degree levels were combined.

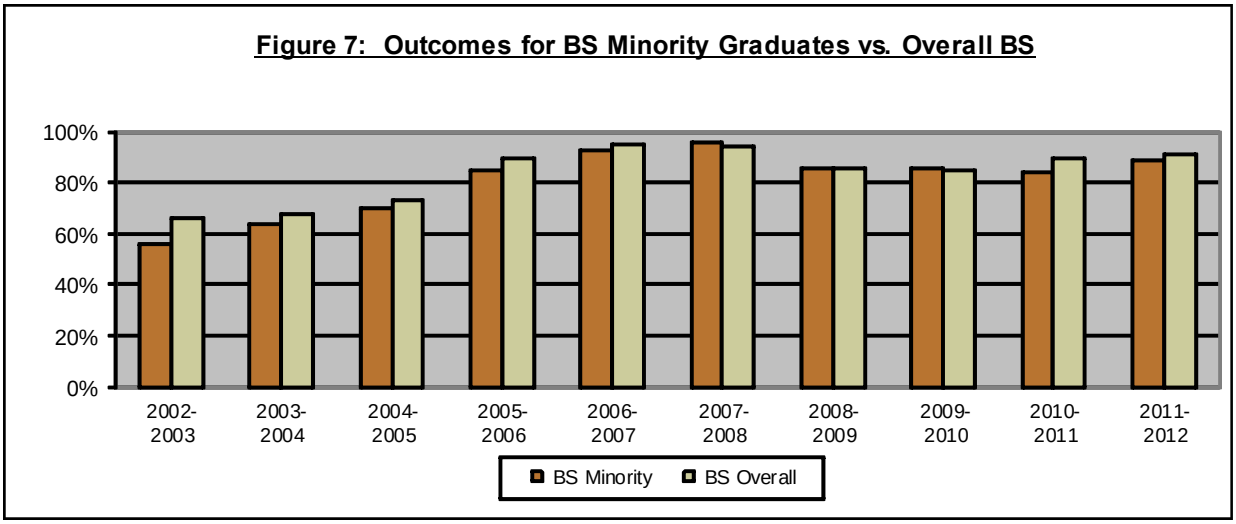
Table 6: Minority Graduate Status - December 2011—August 2012

	Number of Graduates				Industry	Government	Graduate School	Not Looking	Actively Searching	% Outcomes
	BS	MS/P	PhD	Total						
African American / Black	12	5	1	18	11	2	3	0	2	88%
Native American / Alaskan Native	3	3	0	6	5	0	1	0	0	100%
Asian	44	14	1	59	39	2	9	0	9	93%
Hispanic	37	8	1	46	33	1	5	1	6	86%
TOTAL	**96**	**30**	**3**	**129**	**88**	**5**	**18**	**1**	**17**	**87%**

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 speak at meetings, and proactively foster connections between MEP and employers. In addition, our DiggerNet system 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. The same is true for SWE, as well.

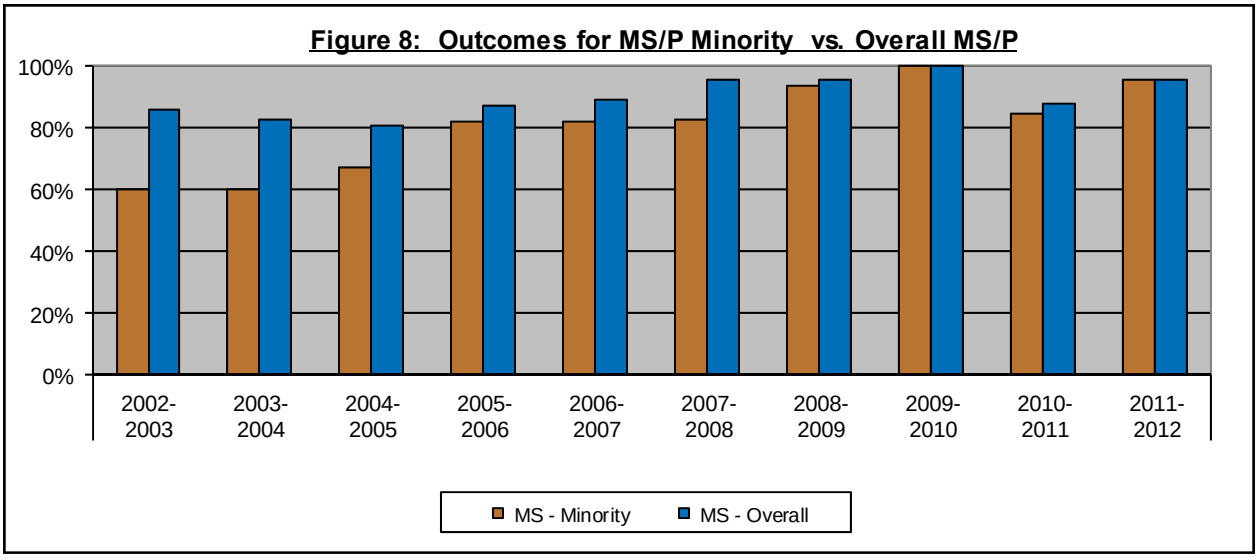
"**WIRED**" (Work/Interview/Resume Experience Day) has been a very successful joint venture event between MEP and the Career Center. For the September 2011 and February 2012 events, a total of 21 companies sent their recruiters to offer advice on resumes, networking, and interview techniques just prior to Career Day. These WIRED events provided a total of 328 individual help sessions, available to all Mines students for encouragement in the job search. This great interdepartmental collaboration is well received by both students and employers.

A ten-year perspective of outcomes for minority graduates in Figure 7 below compares the rate to the overall percentage of all BS graduates. Current information indicates 2011-2012 BS



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.

Due to the small numbers of MS/P and PhD minority graduates, separate outcome figures do not provide a very accurate picture. For this reason, Figure 8 is provided only to show trends for the MS/P minority graduates. The MS outcomes are currently at **80%**, compared to 94% for the overall MS/P. No PhD graph is provided; minority PhD outcomes are at **100%** (95% for overall outcomes).



Mines Recruiting

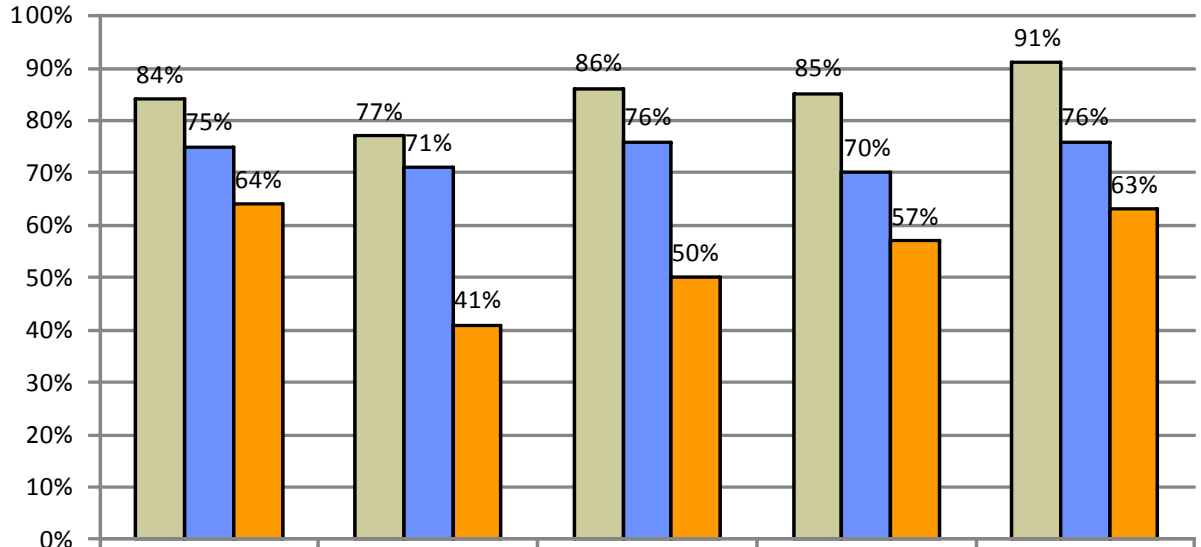
2011-2012 Colorado School of Mines Career Center Annual Report

Summary

The Mines Career Center had a very busy year in 2011-2012 in terms of both on-campus and online recruiting of students for full-time and internship/co-op positions, with a **21%** increase in total job postings through the Career Center. Mines recruiting is defined by two categories: the on-campus recruiting figures include organizations participating in Career Day or information sessions, and/or on-campus interviews. Online recruiting is defined as organizations registered in DiggerNet who have posted jobs but did not actually visit 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 accepting positions in industry or government, **91%** were with organizations that had participated in Mines recruiting activities between August 2011 and July 2012, suggesting the impact of a positive recruiting environment on both student opportunities and total job acceptances. Of MS and PhD graduates, rates were 75% and 63%, respectively; this may be due to the fact that Master's and Doctoral level students may come to Mines with prior experience, an established network, or even continuing current employment while they are completing a degree. Across all degree levels, there is an overall 82% rate of graduates accepting employment with companies that were recruiting directly through Colorado School of Mines Career Center.

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



	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
BS	84%	77%	86%	85%	91%
MS/P	75%	71%	76%	70%	76%
PhD	64%	41%	50%	57%	63%

On-Campus Interviewing & Information Sessions

On-campus activity was very strong, as reflected in the number of employers who visited the Mines campus for recruiting. A total of **182** employers were involved in conducting interviews on-campus and/or offering information sessions during the 2011-2012 recruiting season. This resulted in **4615** total individual student interviews and **104** company information sessions.

2011-2012 Highlights

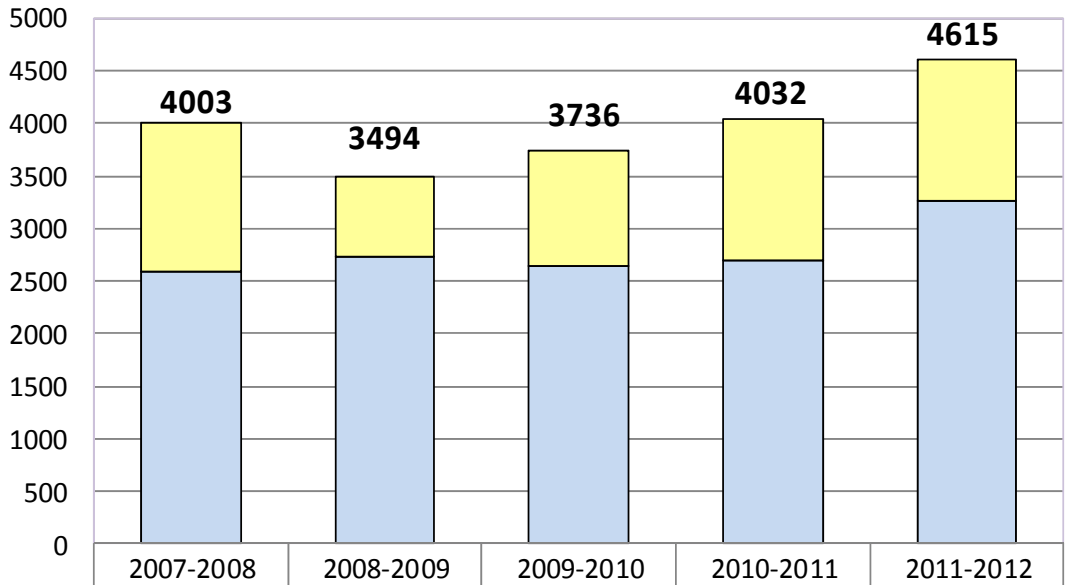
4615 total individual interviews were conducted on-campus during the academic year.

104 company information sessions were held for students.

Early Bird Interviews

The Career Center has responded to companies' travel restrictions (due to the economy) by accommodating them to remain on-campus following Career Day, for quick response, next day Early Bird interviewing. Campus administrative and academic departments collaborated with the Career Center by providing rooms for companies taking advantage of these Early Bird interviews. In Fall 2011, 46 companies stayed on campus, requesting a total of 83 rooms or tables for these student interviews. The Career Center was appreciative of the 24 departments throughout the campus who collaborated by supplementing our five small Career Center interview rooms for the intense days following Fall Career Day, resulting in 951 interviews. This number of interviews could not have been successfully executed without the support of academic and administrative departments providing space. Following Spring 2012 Career Day, 38 companies took advantage of Early Bird reservations, resulting in 348 interviews. For these student interviews, a total of 51 rooms/tables were used, and we were appreciative of the help of 13 campus departments.

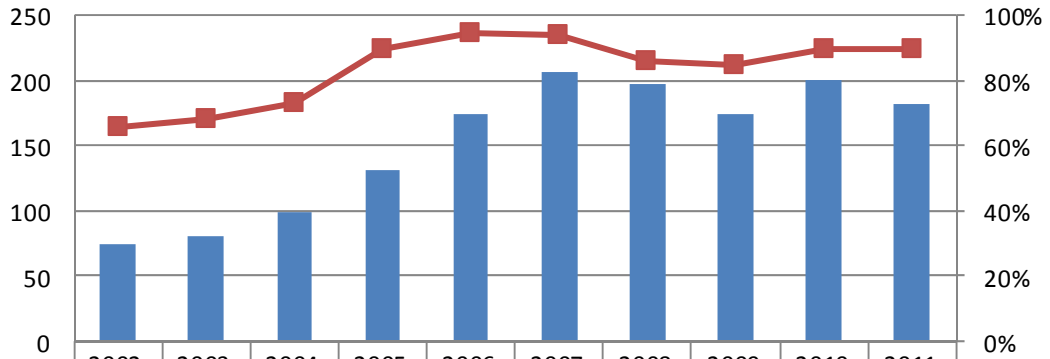
Figure 10: 5 Year History - Total # On-Campus Student Interviews



	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
Spring 2012	1416	769	1093	1332	1350
Fall 2011	2587	2725	2643	2700	3265

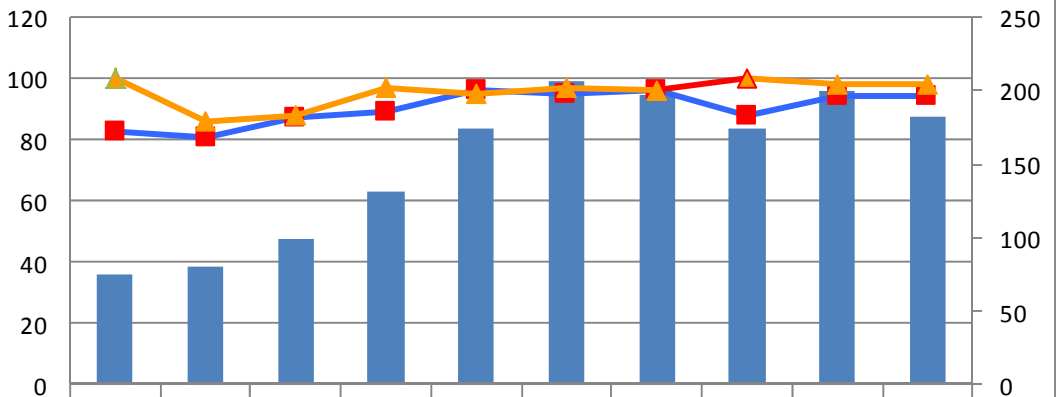
Figure 11 demonstrates how the number of interviewing companies strongly supports Bachelor graduate outcomes. It is worthwhile to note that the number of companies participating each year in on-campus interviewing correlates reasonably with the graduate outcome rates of BS graduates. Figure 12 shows a correlation between the number of companies recruiting at Mines and the outcomes rates of Master's and Doctorate level graduates. As noted earlier, the PhD graduates appear less dependent on campus-based recruiting, and are often already employed; there seems a clearer relationship between on-campus recruitment and Master's graduates.

Figure 11: Organizations Present for On-Campus Interviews vs. Undergraduate Outcomes



	2002-2003	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
# Organizations	75	81	99	131	174	206	197	175	200	182
BS Outcomes %	66%	68%	73%	90%	95%	94%	86%	85%	90%	90%

Figure 12: 10 Year Perspective on Organizations Present for On-Campus Interviews vs. Graduate Outcomes



	2002-2003	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
# Organizations	75	81	99	131	174	206	197	175	200	182
MS Outcomes %	83	81	87	89	96	95	96	88	94	94
PhD Outcomes %	100	86	88	97	95	97	96	100	98	98

Online Recruiting

Online recruiting has shown continued growth and is reflected in the increase in total job postings on DiggerNet during the 2011-2012 reporting interval. From August 2011 through July 2012, **2102** job postings were placed on the system for full-time, internship, part-time, and temporary work (a **21%** increase from the 1732 total job descriptions posted in 2010-2011). These postings have often reflected multiple positions to be hired for a single job description. As more companies turn to the Mines students for applicants, the organizations posting positions numbered **885** (**21%** more than the 731 reported in 2010-2011). Table 7, below, details the specific position types for which the employers utilized the DiggerNet job posting feature.

Table 7: DiggerNet Job Postings and Employers

Job Level (Position Type)	# Jobs Posted	# Employers
Co-Operative Education	**52** / 36	**24** / 19
Internships, Part-time, Temporary	**822** / 689	**434** / 347
Full-time	**1303** / 1185	**633** / 559

Note: Sums are not the exact total number of jobs to be filled; employers may list multiple types in one description.

Other services provided to students included the posting of on-campus jobs (Work Study only and others). These totaled 82 (99 prior year), representing many campus departments with needs for several students (primarily undergraduate students) in each job posting. For the students at the graduate level, other positions that were entered included 4 post-doctoral positions, 7 fellowships, and 2 research positions. There were also 11 scholarship notices posted in DiggerNet. The system serves a wide variety of needs for students, Mines academic and administrative departments, and other employers seeking those students.

In addition to jobs posted for current students and recent (within two years) graduates, the Career Center continues to assist alumni by forwarding to the Mines Alumni Association jobs requiring more than two years of experience,. These are positions that employers may initially post in DiggerNet, that need to go to the more experienced past graduates who receive career services from the Alumni Association. In addition to reviewing and forwarding 98 such jobs staff in the Career Center receive frequent phone calls from both employers and alumni to whom we provide information directing them to the Alumni Association's webpage, giving them physical directions to the Alumni Association office if they have walked into the Career Center, and generally encouraging them to contact Alumni Association staff for their career services needs.

To provide best service to the students of Colorado School of Mines and to the employers who seek to hire them, the Career Center performed an evaluation of the current online system for its efficiency, user friendliness, and capacity to grow with the Career Center's expanding needs. An exhaustive study of available options in this specific technology package field was conducted during spring and summer of 2012.

Career Day and Special Recruiting Events

2011-2012 Colorado School of Mines Career Center Annual Report

Career Days: On-Campus

Career Day Highlights

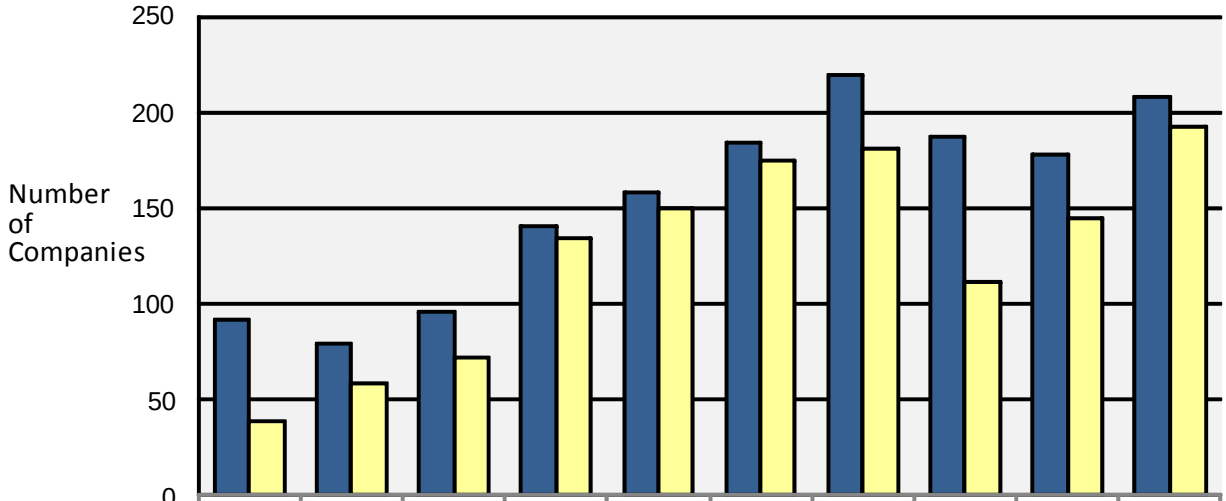
Second largest Career Day (Fall 2011) and **third largest** Career Day (Spring 2012) in Mines' event history, based on employer participation.

Record attendance by students, graduates and alumni at both Fall and Spring Career Day.

99% of reporting companies stated they met their Career Day goals.

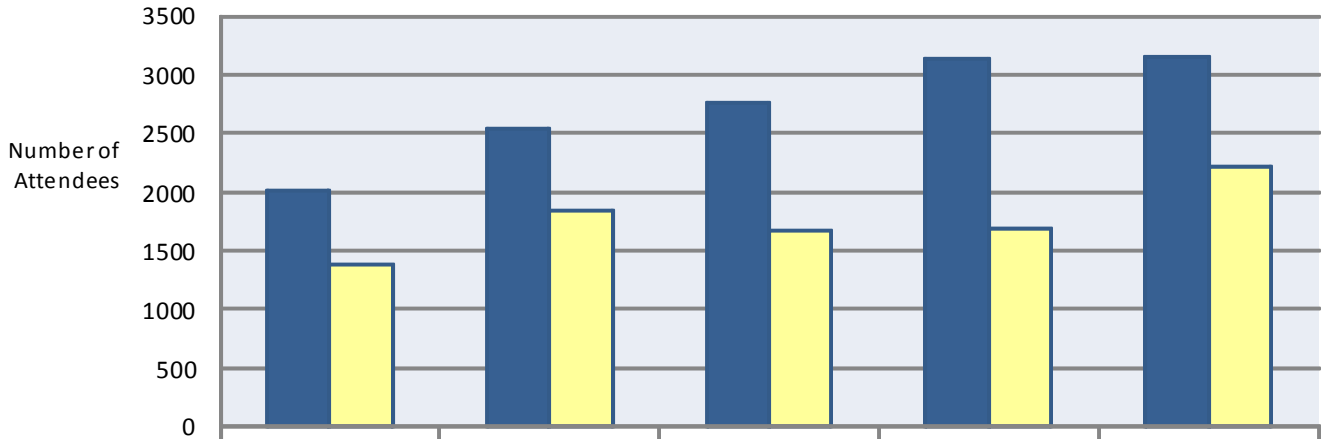
In the 2011-12 academic year, Mines Career Day experienced a healthy rebound and record attendance. The campus had many repeat corporations who previously attended Career Day events as well as approximately 35 new companies to the event. The reason for this continued large participation is due to the 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 **208** organizations at the Fall Career Day, making this the second largest Fall Career Day in Mines' history. Mines also had **192** organizations participate in the Spring Career Day, making this the largest Spring Career Day in the history of Mines. Both events sold out, exceeding original estimates and the numbers achieved in recent prior years. The student, graduate, and alumni attendance has continuously increased with **3158** attending the Fall 2011 Career Day and more than **2200** attending the Spring 2012 Career Day. The continuation of Career Day Resume Drops has allowed employers with opportunities for Mines students to participate regardless of travel restrictions or being on the wait list. Verbal and survey input from many company representatives confirms that they continue to feel the Mines Career Day is assuredly one of the best organized college events, with the highest caliber students. Figures 13 - 15 show the results of company, student/graduate attendance as well as majors requested.

Figure 13: 10-Year Career Day History



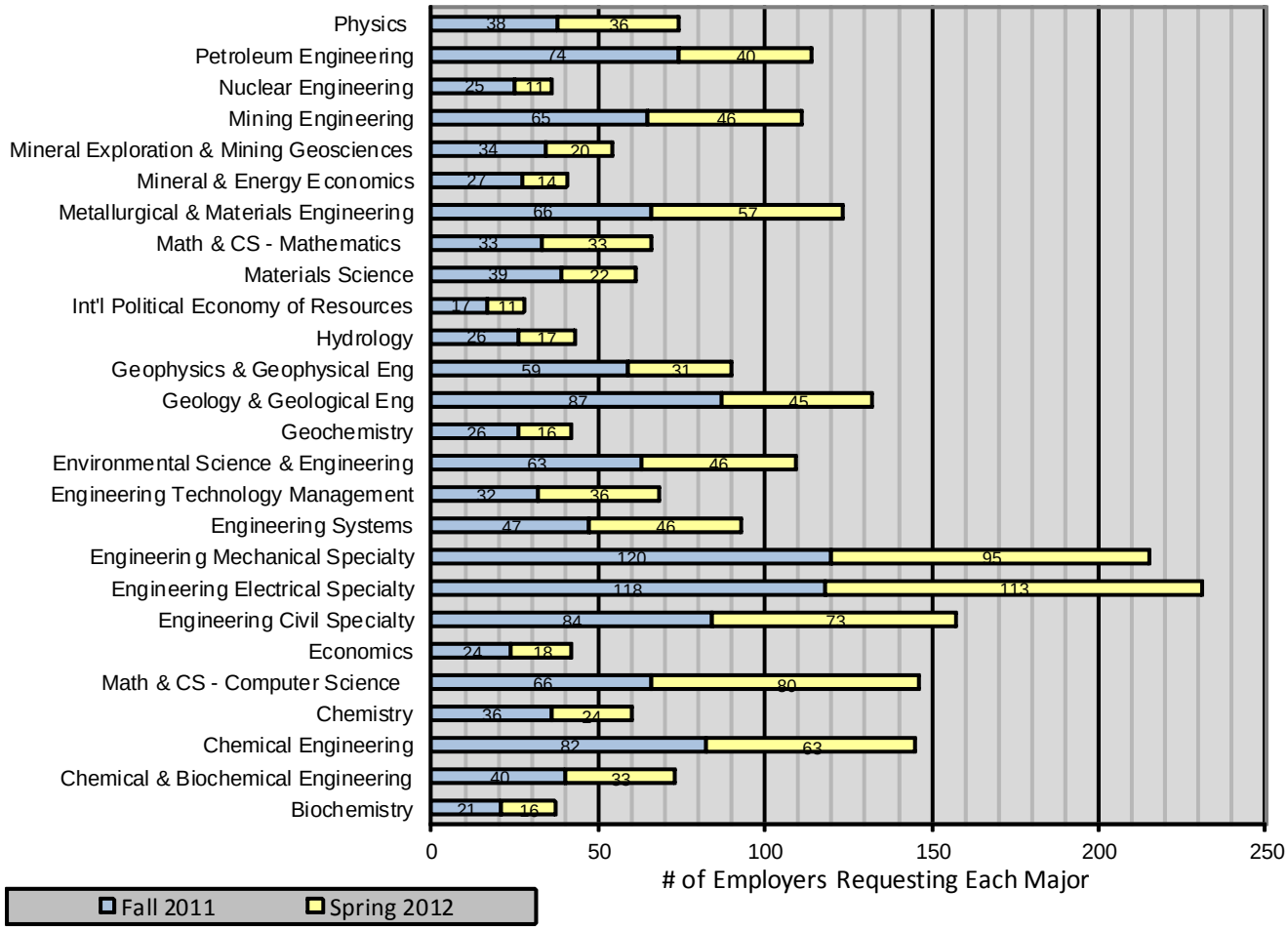
	2002-2003	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
Fall Event	92	79	96	140	158	184	219	187	178	208
Spring Event	39	58	72	134	150	175	181	111	145	192

Figure 14: 5-Year Career Day Student / Graduate Attendance History



	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
Fall Event	2017	2536	2753	3132	3158
Spring Event	1387	1843	1662	1687	2210

Figure 15: 2011-2012 Career Day Exibitors Seeking Mines Students by Major



Career Fairs: Virtual

Virtual Fair Highlights

92 Employers participated
165 Jobs posted
1394 Resume applications

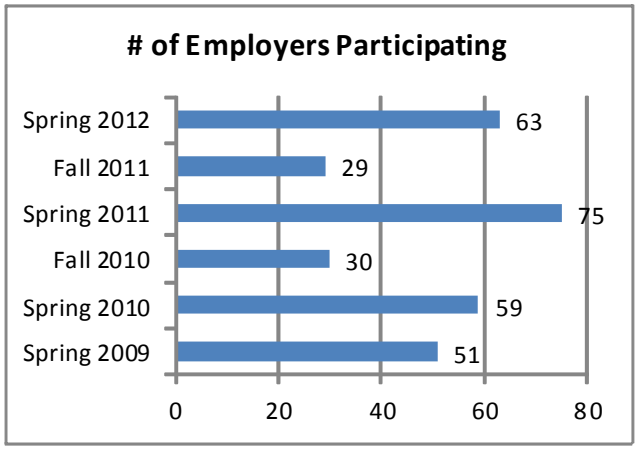
The Mines Career Center implemented Virtual Career Fairs in the Spring of 2009, with the goal of helping to provide another connection for students and graduates who were seeking jobs with employers who had true current open positions to fill. With two Virtual Fairs in the Spring and Summer of 2009, these events were a concentrated attempt to mitigate the effects of the 2008-2009 economic downturn and rally both students and employers. Since that initial effort, response by both students and employers has risen. The Virtual Fairs have proved to be effective in prompting many organizations to think of Mines between Career Day events, and to encourage students and upcoming graduates by providing them with a concentration of good prospective jobs near the close of the semester.

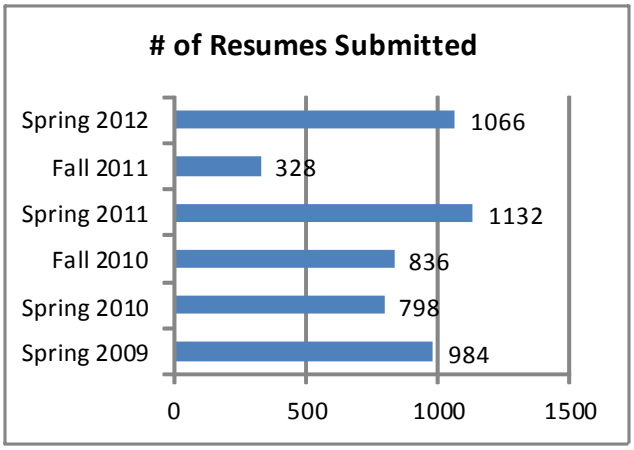
Just as many business activities slow as the winter holiday season approaches, the Fall 2011 Virtual Career Fair featured **29** employers participating with **62** jobs posted and **328** resumes submitted by Mines Students for open positions. The November Virtual Fair provided a timely opportunity for the December graduating class to interact with employers.

The Spring 2012 Virtual Career Fair was held in April with **63** employers participating. This event resulted in **103** jobs posted and **1066** resumes submitted by Mines Students for open positions. This fair was 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 16: Virtual Career Fair Employer Participation and Student Response





Special Recruiting Events: The Nick of Time & Spring Launch

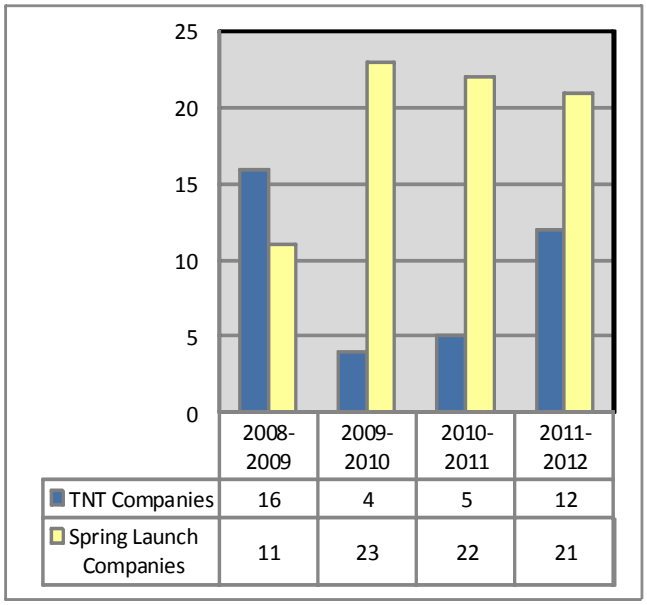
The "recruiting season" has continued to extend past the historic rush immediately following Career Day. To encourage students in their efforts to secure meaningful positions (full-time or internships), and to provide employers with a forum to further seek valuable employees when they are in need, the Career Center has instituted two special recruiting events to conclude each of the semesters in a positive way. (Please note, these events do not mean the total end of on-campus interviews, which lately have extended well into the holiday break and summer.)

The Nick of Time (TNT) and Spring Launch are one-day events which begin with an opportunity for networking among employers, students, and faculty. The day then transitions to 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 by submitting resumes and scheduling interviews before preparing for Finals Week.

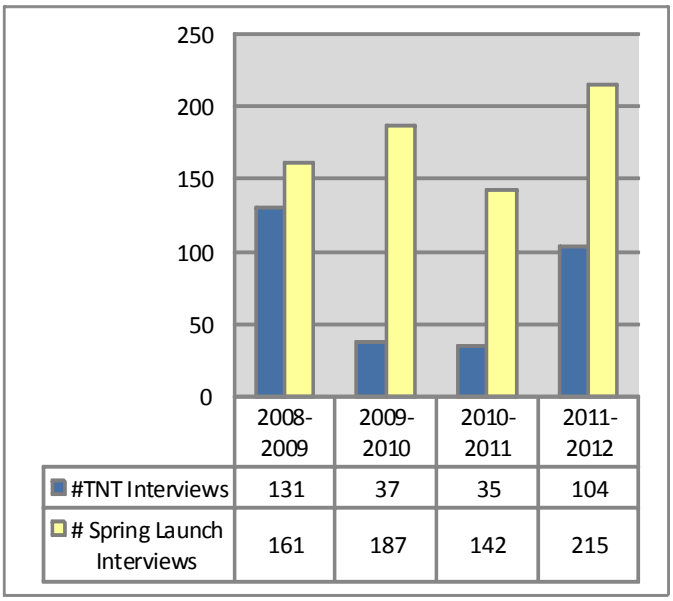
Employers highly value this additional opportunity to visit campus and connect with students. When possible, the event is scheduled at a time that employers can tour the Colorado School of Mines Senior Design Technical Fair. This increases employer and donor awareness of more ways to support Mines by sponsoring projects and becoming more involved with university research efforts. An added value for employers attending these recruiting events is a luncheon workshop included for employers' professional development, covering such timely topics as creating an exemplary internship program, improving "branding" of their companies with the student population, increasing diversity in the workforce, connecting with top students, etc.

Table10 below notes employer and student participation at these special recruiting events. Participation is reflective of both economic and seasonal effects on business activities.

Figure 17: TNT and Spring Launch Recruiting Events - Company and Student Activity



	2008-2009	2009-2010	2010-2011	2011-2012
TNT Companies	16	4	5	12
Spring Launch Companies	11	23	22	21



	2008-2009	2009-2010	2010-2011	2011-2012
#TNT Interviews	131	37	35	104
# Spring Launch Interviews	161	187	142	215

Technical Experience—Internships, Co-Ops

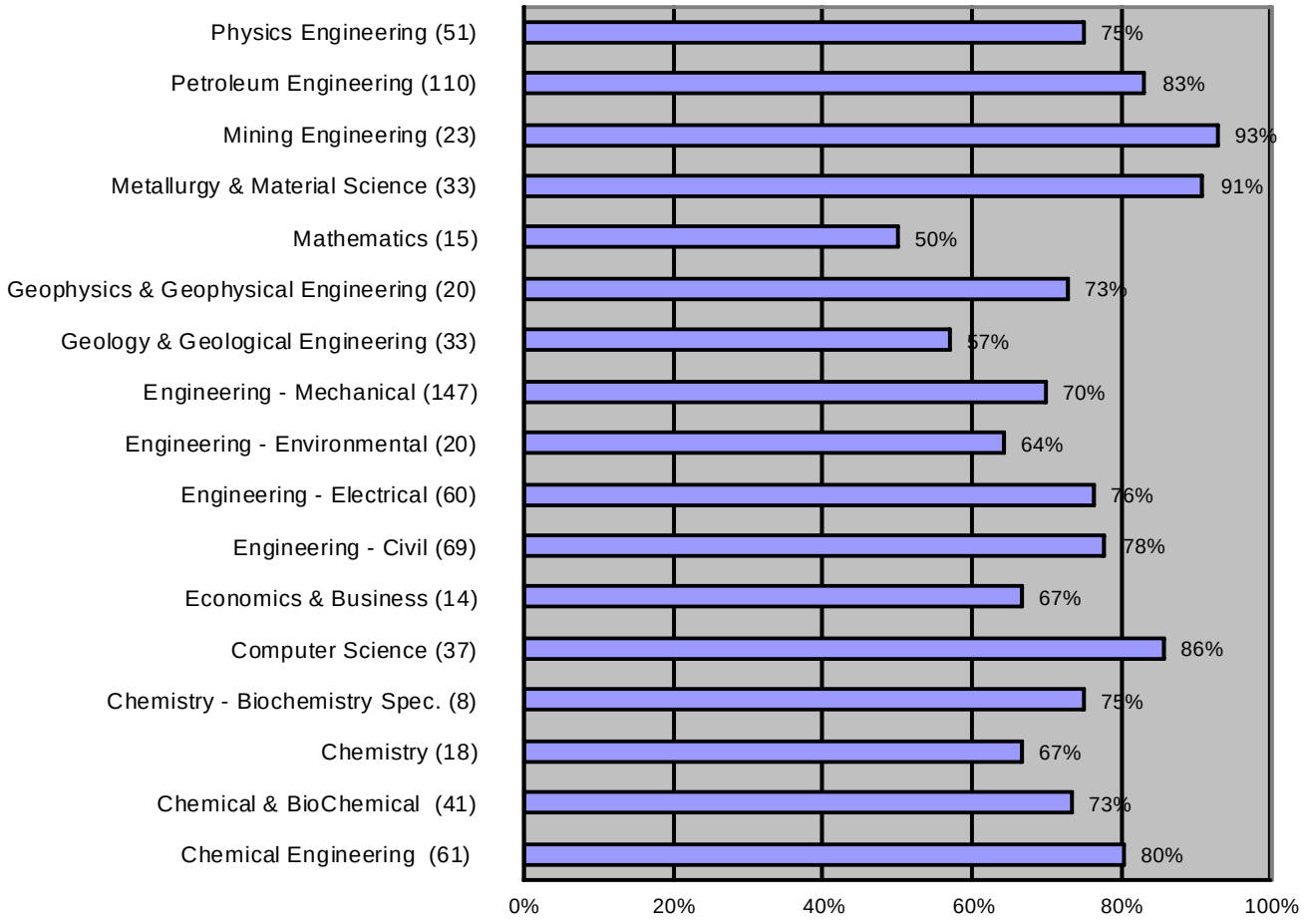
2011-2012 Colorado School of Mines Career Center Annual Report

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 fell to **76%** in 2011-2012 from 81% the prior year (note that the 2009-2010 rate was 79%), likely due to the fact these students' prime internship summers fell in the most critical times of the recent recession.

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 18 below, which is focused on BS graduates with direct job-seeking goals.

Figure 18: Job-Seeking 2011-2012 BS Graduates with Relevant Experience



Internships

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 also 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 campus research centers offer students a chance to be involved in high level research.

Co-Operative Education Experiences

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. Prior to the start of the co-op, the student submits approvals and learning objectives. This allows a student to be away from campus for the duration of the job without disrupting current status as a student and makes a student eligible for 3 hours of elective credit. Contracts are developed between the student, the school, and the employer, with guidelines that work assigned is to be both relevant and of significant scope to provide challenging professional growth. Evaluation is based upon employer evaluations, and especially through the graded technical paper submitted to the student's own academic department.

During the 2011-2012 academic year, six students participated in co-ops with Dow in Texas and California, El Paso Energy and Rentech in Colorado, Rio Tinto in Michigan, Simplot in Utah, and SSAB in Alabama. During this same timeframe, twenty-one additional companies had other co-op positions available for students in DiggerNet. Students and employers are becoming more aware of the fit for this hands-on industry experience within the undergraduate academic experience.

Job Shadowing

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 a great 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.

2012 Summer Salaries

Each year, the Career Center collects data on summer internships. On a voluntary basis, students report their summer internship experience to the Career Center. By no means does this imply the the complete number of internships experienced by Mines students or corresponding salaries; this information is provided for reference only.

Table 9 on the following page offers a look at reported internship salaries received by Colorado School of Mines students in Summer 2012, detailed by major.

Table 8: Summer 2012 Undergraduate Level Internships - Reported Compensation by Major

Undergraduate Internships Average Hourly Salary			
Student Major	**Low**	**High**	**Average**
Chemical & Biological Engineering	$8.75	$40.00	$18.82
Chemistry/BioChemistry	$10.00	$16.75	$11.90
Computer Science	$10.00	$34.00	$18.35
Economics & Business	$16.00	$17.00	$16.50
Engineering - Civil Specialty	$9.00	$25.00	$15.29
Engineering - Electrical Specialty	$10.00	$30.47	$18.55
Engineering - Environmental Specialty	$10.00	$27.00	$18.88
Engineering - Mechanical Specialty	$9.00	$38.00	$18.58
Engineering Physics	$10.00	$24.00	$15.35
Geological Engineering	$10.00	$44.00	$18.31
Geophysical Engineering	$12.00	$44.00	$16.65
Mathematics	$15.00	$20.50	$17.30
Metallurgy & Materials Engineering	$11.00	$28.50	$19.28
Mining Engineering	$11.25	$25.00	$19.09
Petroleum Engineering	$13.00	$43.00	$27.22

Reported by Colorado School of Mines students surveyed for Summer 2012 Internships.

Table 9: Summer 2012 Graduate Level Internships - Reported Compensation by Major

Graduate Level Internships Average Hourly Salary			
Student Major	**Low**	**High**	**Average**
Chemical Engineering	N/A	N/A	N/A
Computer Science	$10.39	$37.50	$19.47
Econ: Engineering Technology Management	$10.00	$28.27	$17.50
Econ: Mineral & Energy Economics	$12.00	$43.27	$24.75
Engineering - Civil Specialty	$16.00	$25.00	$19.36
Engineering - Electrical Specialty	$17.00	$25.00	$20.33
Engineering - Mechanical Specialty	$10.00	$28.10	$16.88
Engineering Systems	N/A	N/A	N/A
Environmental Science & Engineering	$9.00	$22.00	$16.23
Geology & Geological Engineering	$21.00	$58.89	$37.58
Geophysical Engineering	$18.00	$49.00	$40.63
Hydrology	N/A	N/A	N/A
Materials Science	N/A	N/A	N/A
Mathematics	$14.43	$35.00	$22.35
Metallurgy & Materials Engineering	N/A	N/A	N/A
Mining Engineering	N/A	N/A	N/A
Petroleum Engineering	$30.00	$58.00	$41.90
Physics (Applied)	$9.25	$24.00	$14.54

N/A indicates that insufficient data was received to offer a valid average wage for this major.

Reported by Colorado School of Mines students surveyed for Summer 2012 Internships.

CAREER CENTER
COLORADOSCHOOLOFMINES

THIS PAGE LEFT INTENTIONALLY BLANK

Appendix A

2011 - 2012 Career Center Annual Report

Update Report on Recent Graduates

This 2012 Career Center follow-up details the progress of Mines recent graduates. The prior Annual Report's graduates (December 2010 - August 2011) are now at **95**% BS outcomes, **99%** MS/P and **100%** PhD. December graduates of almost a year ago currently display outcomes of **94%** BS, **99%** MS/P and **100%** PhD. The most recent graduates (May through August 2012) are now 3-6 months from Commencement, showing outcomes of **89**% BS, **88**% MS/P, and **89**% PhD, compared to 88% BS, 95% MS/P, and 100% PhD in the same interval of 2010-2011.

The definition of "outcomes" includes all categories of Mines graduates who are no longer seeking Career Center assistance. Included are graduates who have accepted positions in the areas of industry, government, or military, as well as graduates continuing their education. Unless noted as accepting a U.S. based position in industry, the international graduates are presumed to return to their home countries after graduation. Other graduates notifying the Career Center that they are "not looking," are also considered to be on their chosen career path. Prior to graduation, the students are requested to keep current contact information and application materials and to utilize Career Center services, including on-going one-on-one and special workshops for these graduates. Active job-seekers are only classified as among the positive outcomes when they inform the Career Center that they have accepted a technical position within their field, or have chosen to return to graduate school. Every effort is made to contact past graduates in order to provide assistance and accurate reporting. These attempts are by both phone, email, and through social media such as LinkedIn. If vigorous multiple efforts are not successful in contacting a graduate, it is presumed that the person is not in an active job search and they are categorized as "unable to contact." The outcomes calculations use information for those who are verified job-seeking past graduates. We believe this gives a more realistic view of true status.

The following report includes a detailed breakdown of the outcomes status, as of October 2012, of recent graduates. A history has been provided, but only for the purpose of rough comparison with current hiring trends. For BS, MS/P, and PhD graduates, the following tables are provided:

1. ***2010-2011 Annual Report Update***, December 2010 - August 2011 Graduates
2. ***6 – Month Update***, May 2012 - August 2012 Graduates
3. ***12 – Month Update***, December 2011 Graduates
4. ***18 – Month Update***, May 2010—August 2010 Graduates

Annual Report Update
December 2010 - August 2011 BS Graduates
(Graduates Reported in the 2010-2011 Annual Report)

OPTION	# of Graduates	# of Double Majors	Industry	Government	Military	Grad. School	Intl. Returning to Country	Not Looking	Seeking	Contacted Students	Unable to Contact	% Outcomes Contacted Students
Chemical Engineering	37	1	28	1	0	5	0	1	2	37	0	**95%**
Chemical & Biochemical Eng	26	0	15	1	0	8	1	0	1	26	0	**96%**
Chemistry (all specialties)	9	1	5	0	0	1	0	2	1	9	0	**89%**
Economics	11	2	8	0	0	3	0	0		11	0	**100%**
Engineering -Civil	68	10	41	5	0	15	0	1	6	68	0	**91%**
Engineering -Electrical	46	8	30	2	0	10	0	2	2	46	0	**96%**
Engineering -Environmental	21	3	9	1	0	9	0	0	2	21	0	**90%**
Engineering -Mechanical	140	17	103	6	0	22	0	4	5	140	0	**96%**
Geology & Geological Eng	38	0	17	1	0	11	3	4	2	38	0	**95%**
Geophysics & Geophysical Eng	11	0	3	0	0	5	3	0	0	11	0	**100%**
MACS - Computer Science	36	2	28	0	0	7	0	0	1	36	0	**97%**
MACS - Mathematics	13	0	4	0	0	8	0	1	0	13	0	**100%**
Metallurgical & Materials Eng	33	1	18	0	0	14	1	0	0	33	0	**100%**
Mining Engineering	20	0	17	0	0	1	0	1	1	20	0	**95%**
Petroleum Engineering	109	0	71	0	1	9	25	1	2	109	0	**98%**
Physics - Engineering	48	1	10	1	1	30	0	0	6	48	0	**88%**
Subtotal (with double majors)	666	*46*	*407*	*18*	*2*	*158*	*33*	*17*	*31*	*666*		
TOTAL	**643**	**23**	**389**	**17**	**2**	**155**	**33**	**17**	**30**	**643**	**0**	**95%**

Note: Sub-totals are not the sum of the individual students, due to the inclusion of double majors twice.
Totals are the actual number of individuals who graduated in each category/column.

CLASS	% OUTCOMES IN ANNUAL REPORT	% OUTCOMES ONE YEAR LATER
2009-2010	85%	98%
2008-2009	86%	98%
2007-2008	94%	98%
2006-2007	95%	99%
2005-2006	90%	99%
2004-2005	73%	96%
2003-2004	68%	86%
2002-2003	66%	84%
2001-2002	68%	88%
2000-2001	86%	96%
1999-2000	82%	97%
1998-1999	78%	94%

6 - Month Update - May-August 2012 BS Graduates

OPTION	# of Graduates	# of Double Majors	Industry	Government	Military	Grad. School	Intl. Returning to Country	Not Looking	Seeking	Contacted Students	Unable to Contact	% Outcomes Contacted Students
Chemical Engineering	52	2	35	2	0	5	1	2	7	52	0	**87%**
Chemical & BioChemical Eng	39	0	25	0	0	9	1	1	3	39	0	**92%**
Chemistry	19	1	3	0	1	9	0	1	5	19	0	**73%**
Economics & Business	8	1	4	0	0	2	1	1	0	8	0	**100%**
Engineering - Civil	43	3	28	0	0	8	0	1	10	43	0	**86%**
Engineering -Electrical	50	10	40	0	1	4	0	0	3	50	0	**90%**
Engineering -Environmental	19	0	10	0	0	6	0	0	2	19	0	**84%**
Engineering - Mechanical	106	13	74	1	2	16	0	2	17	106	0	**90%**
Geology & Geological Eng	28	0	12	0	0	9	0	2	5	28	0	**82%**
Geophysics & Geophysical Eng	16	0	8	1	0	6	0	0	1	16	0	**94%**
MACS - Computer Science	24	0	16	0	0	6	0	1	1	24	0	**96%**
MACS - Mathematics	12	1	4	0	0	6	0	0	0	12	0	**100%**
Metallurgical & Materials Eng	31	0	18	1	0	7	0	3	2	31	0	**94%**
Mining Engineering	11	1	7	0	0	3	1	0	0	11	0	**100%**
Petroleum Engineering	97	0	68	0	0	6	17	0	6	97	0	**94%**
Physics - Engineering	45	2	4	0	2	29	0	1	9	45	0	**80%**
Sub-Totals (with double majors)	*600*	*34*	*354*	*5*	*7*	*130*	*21*	*16*	*67*	*600*		
TOTAL	*583*	**17**	**340**	**5**	**7**	**128**	**21**	**16**	**66**	*583*	**0**	***89%***

Note: Sub-totals are not the sum of the individual students, due to the inclusion of double majors twice.
Totals are the actual number of individuals who graduated in each category/column.

CLASS	% OUTCOMES AT 6 MONTHS
May 2011	88%
May 2010	83%
May 2009	84%
May 2008	97%
December 2007	96%
December 2006	97%
December 2005	100%
December 2004	100%
December 2003	87%
December 2002	92%
December 2001	92%
December 2000	96%
December 1999	94%

12 - Month Update - December 2011 BS Graduates

OPTION	# of Graduates	# of Double Majors	Industry	Government	Military	Grad. School	Intl. Returning to Country	Not Looking	Seeking	Contacted Students	Unable to Contact	% Outcomes Contacted Students
Chemical Engineering	9	0	6	0	0	0	2	0	1	9	0	**89%**
Chemical & BioChemical Eng	2	0	2	0	0	0	0	0	0	2	0	**100%**
Chemistry	7	1	4	0	0	3	0	0	0	7	0	**100%**
Economics & Business	6	2	5	0	0	1	0	0	0	6	0	**100%**
Engineering - Civil	26	2	20	0	0	4	0	2	0	26	0	**100%**
Engineering -Electrical	10	6	7	0	0	0	0	0	3	10	0	**70%**
Engineering -Environmental	1	0	1	0	0	0	0	0	0	1	0	**100%**
Engineering - Mechanical	41	8	33	1	2	1	0	0	4	41	0	**90%**
Geology & Geological Eng	5	0	4	0	0	0	0	1	0	5	0	**100%**
Geophysics & Geophysical Eng.	4	1	3	0	0	1	0	0	0	4	0	**100%**
MACS - Computer Science	13	3	11	0	0	2	0	0	0	13	0	**100%**
MACS - Mathematics	3	1	2	0	0	1	0	0	0	3	0	**100%**
Metallurgical & Materials Eng	2	0	2	0	0	0	0	0	0	2	0	**100%**
Mining Engineering	12	0	7	0	0	2	2	0	1	12	0	**92%**
Petroleum Engineering	13	0	9	0	0	0	4	0	0	13	0	**100%**
Physics - Engineering	6	0	1	0	0	3	0	0	2	6	0	**67%**
Subtotal with double majors	*160*	*24*	*117*	*1*	*2*	*18*	*8*	*3*	*11*	*160*		
TOTAL	**143**	**12**	**108**	**1**	**2**	**17**	**8**	**3**	**9**	**143**	**0**	**94%**

Note: Sub-totals are not the sum of the individual students, due to the inclusion of double majors twice.
Totals are the actual number of graduates in each category/column.

CLASS	% OUTCOMES AT 12 MONTHS
December 2010	97%
December 2009	90%
December 2008	91%
December 2007	99%
December 2006	97%
December 2005	100%
December 2004	100%
December 2003	87%
December 2002	92%
December 2001	92%
December 2000	96%
December 1999	94%
December 1998	95%

18 - Month Update May-August 2011 BS Graduates

OPTION	# of Graduates	# of Double Majors	Industry	Government	Military	Grad. School	Intl. Returning to Country	Not Looking	Seeking	Contacted Students	Unable to Contact	% Outcomes Contacted Students
Chemical Engineering	32	0	23	1	0	5	0	1	2	32	0	**94%**
Chemical & BioChemical Eng.	22	0	15	0	0	5	1	0	1	22	0	**95%**
Chemistry	5	0	2	0	0	0	0	2	1	5	0	**80%**
Economics & Business	3	0	2	0	0	1	0	0	0	3	0	**100%**
Engineering - Civil	49	5	26	3	0	13	0	1	6	49	0	**96%**
Engineering -Electrical	33	4	19	1	0	9	0	2	2	33	0	**97%**
Engineering -Environmental	15	0	6	1	0	7	0	0	1	15	0	**91%**
Engineering - Mechanical	103	9	75	6	0	16	0	1	5	103	0	**97%**
Geology & Geological Eng	31	0	13	0	0	11	2	4	1	31	0	**100%**
Geophysics & Geophysical Eng.	8	0	0	0	0	5	3	0	0	8	0	**94%**
MACS - Computer Science	21	1	15	0	0	5	0	0	1	21	0	**95%**
MACS - Mathematics	10	0	3	0	0	6	0	1	0	10	0	**100%**
Metallurgical & Materials Eng	26	0	13	0	0	12	1	0	0	26	0	**100%**
Mining Engineering	14	0	12	0	0	0	0	1	1	14	0	**93%**
Petroleum Engineering	93	0	60	0	1	8	22	0	2	93	0	**98%**
Physics - Engineering	45	1	8	1	1	29	0	0	6	45	0	**87%**
Subtotal with double majors	*510*	*20*	*292*	*13*	*2*	*132*	*29*	*13*	*29*	*510*		
TOTAL	500	**10**	**286**	**12**	**2**	**130**	**29**	**13**	**28**	500	**0**	**94%**

Note: Sub-totals are not the sum of the individual students, due to the inclusion of double majors twice.
Totals are the actual number of individuals who graduated in each category/column.

CLASS	% OUTCOMES WITHIN 18 MONTHS
May-August 2010	97%
May-August 2009	94%
May-August 2008	99%
May-August 2007	99%
May-August 2006	99%
May 2005	98%
May 2004	97%
May 2003	92%
May 2002	90%
May 2001	96%
May 2000	99%
May 1999	97%
May 1998	99%

December 2010 - May 2011 MS/P Graduates

(Graduates Reported in the 2009-2010 Annual Report)

OPTION	# of Graduates	Industry	Government	Military	Grad. School	Intl. Returning to Country	Not Looking	Seeking	Contacted Students	Unable to Contact	% Outcomes Contacted Students
Chemical Engineering	9	1	2	0	2	4	0	0	9	0	**100%**
Chemistry	2	1	1	0	0	0	0	0	2	0	**100%**
Econ - ETM *(1 double major)*	43	29	3	1	4	6	0	0	43	0	**100%**
Econ - Mineral & Energy Economics	27	13	3	1	2	7	0	1	27	0	**96%**
Engineering - Civil *(1 double major)*	13	10	1	0	1	0	1	0	13	0	**100%**
Engineering - Electrical	19	13	2	0	1	2	0	1	19	0	**95%**
Engineering - Mechanical	35	28	4	0	3	0	0	0	35	0	**100%**
Engineering Systems	10	4	4	0	1	0	0	1	10	0	**90%**
Environmental Science	39	18	8	0	8	3	0	2	39	0	**94%**
Geochemistry	2	2	0	0	0	0	0	0	2	0	**100%**
Geology & Geological Eng.	37	27	2	0	4	4	0	0	37	0	**100%**
Geophysics & Geophysical Eng.	13	9	0	0	2	2	0	0	13	0	**100%**
Hydrologic Science & Eng	6	5	0	0	1	0	0	0	6	0	**100%**
Int'l Political Economy of Resources	6	1	1	1	1	2	0	0	6	0	**100%**
Materials Science	11	1	1	0	9	0	0	0	11	0	**92%**
Math & Computer Science	10	8	1	0	0	1	0	0	10	0	**100%**
Metallurgical & Materials Eng	14	6	3	0	4	1	0	0	14	0	**93%**
Mining & Earth Systems (and Eng of MN)	5	2	0	0	0	3	0	0	5	0	**100%**
Nuclear Engineering	5	3	1	0	1	0	0	0	5	0	**100%**
Petroleum Engineering	25	6	0	0	5	14	0	0	25	0	**95%**
Physics - Applied	4	1	1	0	1	0	1	0	4	0	**100%**
TOTAL *(accounting for 1 double major)*	**334**	**187**	**38**	**3**	**50**	**49**	**2**	**5**	**334**	**0**	**99%**

CLASS	% OUTCOMES IN ANNUAL REPORT	% OUTCOMESONE YEAR LATER
2009-2010	88%	99%
2008-2009	96%	98%
2007-2008	95%	99%
2006-2007	96%	100%
2005-2006	89%	99%
2004-2005	87%	98%
2003-2004	81%	99%
2002-2003	83%	91%
2001-2002	82%	96%
2000-2001	90%	96%
1999-2000	90%	98%

6 - Month Update - May 2012 MS/P Graduates

OPTION	# of Graduates	Industry	Government	Military	Graduate School	Int'l Returning to Country	Not Looking	Seeking	Contacted Students	Unable to Contact	% Outcomes Contacted Students
Chemical Engineering	4	4	0	0	0	0	0	0	4	0	**100%**
Chemistry	1	0	1	0	0	0	0	0	1	0	**100%**
Econ - ETM	11	8	0	1	0	0	2	0	11	0	**100%**
Econ - Mineral & Energy Economics	14	6	1	0	1	3	0	3	14	0	**79%**
Engineering - Civil	7	5	0	0	0	1	0	1	7	0	**86%**
Engineering - Electrical	12	11	0	0	0	0	0	1	12	0	**92%**
Engineering - Mechanical	22	11	1	0	4	0	0	6	22	0	**73%**
Engineering Systems	2	2	0	0	0	0	0	0	2	0	**100%**
Environmental Science	13	4	1	1	3	1	0	3	13	0	**77%**
Geochemistry	2	2	0	0	0	0	0	0	2	0	**100%**
Geology & Geological Eng.	17	11	0	0	0	2	0	4	17	0	**76%**
Geophysics & Geophysical Eng.	9	5	0	0	1	3	0	0	9	0	**100%**
Hydrologic Science & Eng	4	2	1	0	1	0	0	0	4	0	**100%**
Int'l Political Economy of Resources	7	1	0	0	3	1	1	1	7	0	**86%**
Materials Science	5	1	0	0	4	0	0	0	5	0	**100%**
Math & Computer Science	16	12	0	0	2	0	0	2	16	0	**88%**
Metallurgy & Materials Engineering	8	5	0	0	3	0	0	0	8	0	**100%**
Mining & Earth Systems (and Eng of MN)	5	4	0	0	1	0	0	0	5	0	**100%**
Nuclear Engineering	2	0	0	2	0	0	0	0	2	0	**100%**
Petroleum Engineering	10	6	0	0	0	4	0	0	10	0	**100%**
Physics - Applied	5	1	1	0	3	0	0	0	5	0	**100%**
TOTAL	**176**	**101**	**6**	**4**	**26**	**15**	**3**	**21**	**176**	**0**	**88%**

CLASS	% OUTCOMES AT 6 MONTHS
May 2011	95%
May 2010	83%
May 2009	95%
May 2008	94%
May 2007	100%
May 2006	100%
May 2005	100%
May 2004	100%
May 2003	87%
May 2001	92%
May 2001	92%
May2000	96%
May 1999	94%

12 - Month Update - December 2011 MS/P Graduates

OPTION	# of Graduates	Industry	Government	Military	Graduate School	Int'l Returning to Country	Not Looking	Seeking	Contacted Students	Unable to Contact	% Outcomes Contacted Students
Chemical Engineering	5	4	0	0	1	0	0	0	5	0	**100%**
Chemistry	1	0	0	0	0	1	0	0	1	0	**100%**
Econ - ETM	8	5	0	3	0	0	0	0	8	0	**100%**
Econ - Mineral & Energy Economics	18	12	1	0	0	5	0	0	18	0	**100%**
Engineering - Civil	6	3	3	0	0	2	1	0	6	0	**100%**
Engineering - Electrical	10	4	1	0	3	2	0	0	10	0	**100%**
Engineering - Mechanical	14	9	1	0	2	1	0	1	14	0	**93%**
Engineering Systems	3	3	0	0	0	0	0	0	3	0	**100%**
Environmental Science	18	10	4	1	0	3	2	0	18	0	**100%**
Geochemistry	0	0	0	0	0	0	0	0	0	0	**N/A**
Geology & Geological Eng.	14	11	0	0	0	2	1	0	14	0	**100%**
Geophysics & Geophysical Eng.	8	4	1	0	0	3	0	0	8	0	**100%**
Hydrology - Geology & ESE	6	4	1	0	1	0	0	0	6	0	**100%**
Int'l Political Economy of Resources	5	3	0	0	1	0	1	0	5	0	**100%**
Materials Science	9	3	1	0	5	0	0	0	9	0	**100%**
Math & Computer Science	12	11	0	0	0	1	0	0	12	0	**100%**
Metallurgy & Materials Engineering	13	6	0	0	4	3	0	0	13	0	**100%**
Mining & Earth Systems (and Eng of MN)	3	1	0	0	1	1	0	0	3	0	**100%**
Nuclear Engineering	1	0	1	0	0	0	0	0	1	0	**100%**
Petroleum Engineering	7	4	0	0	0	3	0	0	7	0	**100%**
Physics - Applied	3	1	0	0	2	0	0	0	3	0	**100%**
TOTAL	**164**	**98**	**11**	**3**	**25**	**23**	**3**	**1**	**164**	**0**	**99%**

CLASS	% OUTCOMES AT 12 MONTHS
December 2010	95%
December 2009	93%
December 2008	97%
December 2007	100%
December 2006	100%
December 2005	100%
December 2004	100%
December 2003	87%
December 2001	92%
December 2001	92%
December 2000	96%

18- Month Update May 2011
MS/P Graduates

OPTION	# of Graduates	Industry	Government	Military	Grad. School	Intl. Returning to Country	Not Looking	Seeking	Contacted Students	Unable to Contact	% Outcomes Contacted Students
Chemical Engineering	**5**	1	1	0	0	3	0	0	**5**	0	**100%**
Chemistry	1	1	0	0	0	0	0	0	1	0	**100%**
Econ - ETM	16	10	1	1	2	2	0	0	16	0	**100%**
Econ - Mineral & Energy Economics	12	6	1	1	1	2	0	1	12	0	**92%**
Engineering - Civil	6	5	0	0	1	0	0	0	6	0	**100%**
Engineering - Electrical	9	7	0	0	0	1	0	1	9	0	**89%**
Engineering - Mechanical	19	14	3	0	2	0	0	0	19	0	**100%**
Engineering Systems	5	1	4	0	0	0	0	0	5	0	**100%**
Environmental Science	19	7	4	0	5	3	0	0	19	0	**100%**
Geochemistry	1	1	0	0	0	0	0	0	1	0	**100%**
Geology & Geological Eng.	10	9	0	0	0	1	0	0	10	0	**100%**
Geophysics & Geophysical Eng.	6	4	0	0	0	2	0	0	6	0	**100%**
Hydrologic Science & Eng	2	2	0	0	0	0	0	0	2	0	**100%**
Int'l Political Economy of Resources	3	1	0	0	1	1	0	0	3	0	**100%**
Materials Science	3	0	1	0	2	0	0	0	3	0	**100%**
Math & Computer Science	6	4	1	0	0	1	0	0	6	0	**100%**
Metallurgy & Materials Engineering	6	1	1	0	4	0	0	0	6	0	**100%**
Mining & Earth Systems (and Eng of MN)	0	0	0	0	0	0	0	0	0	0	**N/A**
Nuclear Engineering	4	2	1	0	1	0	0	0	4	0	**100%**
Petroleum Engineering	10	3	0	0	2	5	0	0	10	0	**100%**
Physics - Applied	3	1	0	0	1	0	1	0	3	0	**100%**
TOTAL	**146**	**80**	**18**	**2**	**22**	**21**	**1**	**2**	**146**	0	**99%**

CLASS	% OUTCOMES AT 18 MONTHS
May 2009	99%
May 2008	99%
May 2007	100%
May 2006	98%
May 2005	99%
May 2004	93%
May 2003	83%
May 2002	88%
May 2001	88%
May 2000	91%
May 1999	92%

Annual Report Update
December 2010 - May 2011
PhD Graduates
(Graduates Reported in the 2010-2011 Annual Report)

OPTION	# of Graduates	Industry	Government	Military	Grad. School	Intl. Returning to Country	Not Looking	Seeking	Contacted Students	Unable to Contact	% Outcomes Contacted Students
Chemical Engineering	2	2	0	0	0	0	0	0	2	0	100%
Chemistry	2	0	1	0	0	1	0	0	2	0	100%
Econ - Mineral & Energy Economics	2	1	1	0	0	0	0	0	2	0	100%
Engineering - Civil	2	0	0	1	0	1	0	0	2	0	100%
Engineering - Electrical	0	0	0	0	0	0	0	0	0	0	N/A
Engineering - Mechanical	3	0	3	0	0	0	0	0	3	0	100%
Engineering - Systems	1	0	1	0	0	0	0	0	1	0	100%
Environmental Science	4	1	3	0	0	0	0	0	4	0	100%
Geochemistry	1	0	1	0	0	0	0	0	1	0	100%
Geology & Geological Eng.	4	3	0	0	0	1	0	0	4	0	100%
Geophysics & Geophysical Eng.	6	5	1	0	0	0	0	0	6	0	100%
Hydrologic Science & Eng	0	0	0	0	0	0	0	0	0	0	N/A
Materials Science	6	1	1	0	0	3	1	0	6	0	100%
Math & Computer Science	0	0	0	0	0	0	0	0	0	0	N/A
Metallurgy & Materials Engineering	6	3	3	0	0	0	0	0	6	0	100%
Mining & Earth Systems	0	0	0	0	0	0	0	0	0	0	N/A
Petroleum Engineering	5	1	0	0	0	4	0	0	5	0	100%
Physics - Applied	4	1	3	0	0	0	0	0	4	0	100%
TOTAL	**48**	**18**	**18**	**1**	**0**	**10**	**1**	**0**	**48**	**0**	**100%**

CLASS	% OUTCOMES IN ANNUAL REPORT	% OUTCOMES ONE YEAR LATER
2009-2010	100%	100%
2008-2009	96%	100%
2007-2008	97%	100%
2006-2007	98%	98%
2005-2006	97%	100%
2004-2005	88%	94%
2003-2004	86%	100%
2002-2003	100%	100%
2001-2002	96%	96%
2000-2001	90%	90%
1999-2000	91%	93%

6 - Month Update - May 2012 PhD Graduates

OPTION	# of Graduates	Industry	Government	Military	Graduate School	Int'l Returning to Country	Not Looking	Seeking	Contacted Students	Unable to Contact	% Outcomes Contacted Students
Chemical Engineering	1	1	0	0	0	0	0	0	1	0	**100%**
Chemistry	0	0	0	0	0	0	0	0	0	0	**100%**
Economics - Mineral & Energy Economics	3	1	0	0	0	0	0	2	3	0	**33%**
Engineering - Civil	0	0	0	0	0	0	0	0	0	0	**100%**
Engineering - Electrical	0	0	0	0	0	0	0	0	0	0	**N/A**
Engineering - Mech	2	1	0	0	0	1	0	0	2	0	**100%**
Engineering - Systems	0	0	0	0	0	0	0	0	0	0	**N/A**
Environmental Science	5	1	4	0	0	0	0	0	5	0	**100%**
Geochemistry	0	0	0	0	0	0	0	0	0	0	**N/A**
Geology & Geological Eng.	3	1	2	0	0	0	0	0	3	0	**100%**
Geophysics & Geophysical Eng.	1	0	1	0	0	0	0	0	1	0	**100%**
Hydrologic Science & Eng	0	0	0	0	0	0	0	0	0	0	**N/A**
Materials Science	1	0	0	0	0	0	0	1	1	0	**0%**
Math & Computer Science	2	1	1	0	0	0	0	0	2	0	**N/A**
Metallurgy & Materials Engineering	4	2	1	0	0	1	0	0	4	0	**100%**
Mining & Earth Systems	1	1	0	0	0	0	0	0	1	0	**N/A**
Nuclear Engineering	1	1	0	0	0	0	0	0	1	0	**100%**
Petroleum Engineering	3	1	2	0	0	0	0	0	3	0	**100%**
Physics - Applied	1	0	1	0	0	0	0	0	1	0	**100%**
TOTAL	28	11	12	0	0	2	0	**3**	28	**0**	**89%**

CLASS	% OUTCOMES AT 6 MONTHS
May 2010	100%
May 2009	96%
May 2008	100%
May 2007	100%
May 2006	100%
Mayr 2005	100%
May 2004	100%
May 2003	87%
May 2002	92%
May 2001	92%
May 2000	96%
May 1999	94%

12 - Month Update - December 2011 PhD Graduates

OPTION	# of Graduates	Industry	Government	Military	Grad. School	Intl. Returning to Country	Not Looking	Seeking	Contacted Students	Unable to Contact	% Outcomes Contacted Students
Chemical Engineering	2	2	0	0	0	0	0	0	2	0	**100%**
Chemistry	1	1	0	0	0	0	0	0	1	0	**100%**
Economics - Mineral & Energy Economics	2	0	0	1	0	1	0	0	2	0	**100%**
Engineering - Civil	0	0	0	0	0	0	0	0	0	0	**N/A**
Engineering - Electrical	2	1	0	0	0	1	0	0	2	0	**100%**
Engineering - Mech	1	0	0	0	0	1	0	0	1	0	**100%**
Engineering - Systems	2	1	1	0	0	0	0	0	2	0	**100%**
Environmental Science	3	1	2	0	0	0	0	0	3	0	**100%**
Geochemistry	0	0	0	0	0	0	0	0	0	0	**N/A**
Geology & Geological Eng.	0	0	0	0	0	0	0	0	0	0	**N/A**
Geophysics & Geophysical Eng.	2	1	0	0	0	1	0	0	2	0	**100%**
Hydrologic Science & Eng	0	0	0	0	0	0	0	0	0	0	**N/A**
Materials Science	4	2	1	0	0	1	0	0	4	0	**100%**
Math & Computer Science	1	1	0	0	0	0	0	0	1	0	**100%**
Metallurgy & Materials Engineering	2	2	0	0	0	0	0	0	2	0	**100%**
Mining & Earth Systems	1	1	0	0	0	0	0	0	1	0	**100%**
Nuclear Engineering	0	0	0	0	0	0	0	0	0	0	**N/A**
Petroleum Engineering	6	4	0	0	0	2	0	0	6	0	**100%**
Physics - Applied	2	1	1	0	0	0	0	0	2	0	**100%**
TOTAL	31	18	5	1	0	7	0	0	**31**	**0**	**100%**

CLASS	% OUTCOMES AT 12 MONTHS
December 2010	100%
December 2009	100%
December 2008	100%
December 2007	100%
December 2006	97%
December 2005	100%
December 2004	95%
December 2003	100%
December 2002	100%
December 2001	100%
December 2000	100%
December 1999	94%

18 - Month Update - May 2011 PhD Graduates

OPTION	# of Graduates	Industry	Government	Military	Grad. School	Intl. Returning to Country	Not Looking	Seeking	Contacted Students	Unable to Contact	% Outcomes Contacted Students
Chemical Engineering	2	2	0	0	0	0	0	0	2	0	**100%**
Chemistry	2	0	1	0	0	1	0	0	2	0	**100%**
Economics - Mineral & Energy Economics	2	1	1	0	0	0	0	0	2	0	**100%**
Engineering - Civil	2	0	0	1	0	1	0	0	2	0	**100%**
Engineering - Electrical	0	0	0	0	0	0	0	0	0	0	**N/A**
Engineering - Mech	3	0	3	0	0	0	0	0	3	0	**100%**
Engineering - Systems	1	0	1	0	0	0	0	0	1	0	**100%**
Environmental Science	4	1	3	0	0	0	0	0	4	0	**100%**
Geochemistry	1	0	1	0	0	0	0	0	1	0	**100%**
Geology & Geological Eng.	4	3	0	0	0	1	0	0	4	0	**100%**
Geophysics & Geophysical Eng.	6	5	1	0	0	0	0	0	6	0	**100%**
Hydrologic Science & Eng	0	0	0	0	0	0	0	0	0	0	**N/A**
Materials Science	6	1	1	0	0	3	1	0	6	0	**100%**
Math & Computer Science	0	0	0	0	0	0	0	0	0	0	**N/A**
Metallurgy & Materials Engineering	6	3	3	0	0	0	0	0	6	0	**100%**
Mining & Earth Systems	0	0	0	0	0	0	0	0	0	0	**N/A**
Petroleum Engineering	5	1	0	0	0	4	0	0	5	0	**100%**
Physics - Applied	4	1	3	0	0	0	0	0	4	0	**100%**
TOTAL	48	18	18	1	0	10	1	**0**	**48**	**0**	**100%**

CLASS	% OUTCOMES AT 18 MONTHS
May 2010	100%
May 2009	100%
May 2008	100%
May 2007	97%
May 2006	100%
May 2005	100%
May 2004	100%
May 2003	100%
May 2002	96%
May 2001	90%
May 2000	100%
May 1999	100%

CAREER CENTER
COLORADOSCHOOLOFMINES

THIS PAGE LEFT INTENTIONALLY BLANK

Appendix B

2011—2012 Career Center Annual Report

CSM Recruiter List - August 2011 through July 2012
Organizations Recruiting by Online (DiggerNet) and/or On-Campus Participation
(**BOLD and CAPs = On-Campus Career Day and/or Interviews/Information Sessions)**

3M
A.G. Wassenaar, Inc.
Abengoa Bioenergy
Abengoa Solar
Active Website
ADA-ES, Inc.
Adaptive Innovations
AE2S (Advanced Engineering & Specialized Services)
Aegis Analytical
AERA ENERGY
Aether Investment Partners, LLC
AFILON-EXPERTCH SOLUTIONS
AGILENT TECHNOLOGIES
Agrium
Air Comm Corporation
Air Sciences Inc.
AirCell, Inc.
AK STEEL
Alcoa Inc.
AlphaTRAC, Inc.
Alsco Denver Linen
ALTER TRADING, INC.
Amadeus Consulting Group, Inc.
Amazon
AMC MINING
AMD
AMERICAN Cast Iron Pipe Company
AMERICAN COUNCIL OF ENGINEERING COMPANIES OF COLORADO
American Geological Institute
American Museum of Natural History MAT Program
AMG VANADIUM, INC.
Amsted Rail Company, Inc.
Amyris Biotechnologies
ANADARKO PETROLEUM CORPORATION
ANGLOGOLD ASHANTI
ANHEUSER-BUSCH
ANSWER ENGINEERING
ANVIL CORPORATION
Ãœbermind, Inc.
APACHE CORPORATION
Appion
APPLIED CONTROL EQUIPMENT
Applied Power Industrial Sales
APPLIED TRUST, INC.
APW Wyott
ARCADIS, INC.
ARCELORMITTAL
ARCH COAL
Arizona Teaching Fellows
Array BioPharma Inc.
Arrow Electronics, Inc.
ARS-USDA
Arvada Covenant Church
ASARCO
Ascend Clinical
Ascent Solar Technologies, Inc.
Ashland Inc.
ASHLAND WATER TECHNOLOGIES
Ashmin
ASSOCIATED MINING CONSTRUCTION
ATK AEROSPACE SYSTEMS
ATKINSON CONSTRUCTION
ATLAS COPCO
Atotech USA Inc.
ATWOOD OCEANIC
AUDOBON ENGINEERING
AUSTIN EXPLORATION
Avago Technologies
AVAYA
AVENTURA

Avow Systems, Inc.
BAEKERT CORPORATION
Bair Analytics Inc.
BAKER HUGHES
Balfour Beatty Rail Inc.
BALL AEROSPACE & TECHNOLOGIES
BALL CORPORATION
BARNARD CONSTRUCTION
Barr Engineering Company
BARRICK GOLD OF NORTH AMERICA
BD
Bechtel Bettis, Inc.
BECHTEL MARINE PROPULSION
BEKAERT
Belden Inc.
BENTEK ENERGY
Benteler Aluminum Systems
Berry Petroleum Company
BEST USA, INC.
BEW Global
BG GROUP
BGC Engineering
BHP BILLITON - NEW MEXICO COAL
BHP BILLITON PETROLEUM
BIMBO BAKERIES USA
Biomedical Device Consultants & Laboratories
Bipartisan Policy Center
Bishop-Brogden Associates, Inc.
BLACK & VEATCH
Black Hills Corporation
Blackeagle Energy Services
Bloom Energy
Blueprint Schools Network
Bluware
BMT WBM
Boecore, Inc.
Boeing Company
BOPCO, LP
Boulder Imaging, Inc.
Boulder Scientific Company
Boys & Girls Clubs of Metro Denver
BP CORPORATION
Bracket Labs
BrightNest
BROWN AND CALDWELL
BRS ENGINEERING
Brunner & Lay, Inc.
Bryan Research & Engineering, Inc.
Bureau of Land Management - National Operations Center
BURNS & MCDONNELL
CABLE TELEVISION LABS
CAE Mining USA & Mexico
Calabrian Corporation
CALFRAC WELL SERVICES
Calibre Engineering Inc.
CALIFORNIA STEEL INDUSTRIES
Cameco Corporation
Campos EPC
Cannon Associates
CANOE VENTURES
CANRIG DRILLING TECHNOLOGY LTD
CANYON FUEL COMPANY
Cardinal Health
Cargill
Carlisle Brake & Friction
CarpeDatum Consulting, Inc.
Carpenter Technology Corporation
Case New Holland
CATERPILLAR
Causey Demgen & Moore Inc.
CDM
CEMEX, Inc.
Center for Bright Kids
Center for Climate and Energy Solutions
CH2M HILL
Chatham Financial
CHESAPEAKE ENERGY
CHEVRON CORPORATION
CHEVRON PHILLIPS CHEMICAL
Children's Hospital Colorado
Ciena Corporation
CIMAREX
CIMATION
Citi

City of Aurora
City of Centennial
City of Englewood
City of Greeley
City of Greenwood Village
City of Northglenn
City of Pueblo
City Year Denver
CiviCore, LLC
Clean Harbors
Clearwater Analytics
CLIFFS NATURAL RESOURCES
CO Water & Power Authority
COBHAM ANALYTIC SOLUTIONS
Coeur d'Alene Mines Corporation
Cohesive Technologies LLC
College Track Summit 54
CollegeDrive Test Prep & Tutoring
CollegeSolved
Colorado Department of Military and Veterans Affairs (State of Colorado)
Colorado Department of Public Health and Environment (State of Colorado)
COLORADO DEPT. OF TRANSPORTATION
Colorado Division of Parks and Wildlife
Colorado Golf Association
Colorado House Republicans
Colorado Judicial Branch
Colorado Legislative Council
Colorado Mountain Club
Colorado Oil & Gas Conservation Commission
Colorado Secretary of State
COLORADO SPRINGS UTILITIES
Comcast Corporation
Comcast National Engineering & Technical Operations
Community Power Corporation
Complete Structural Systems
Compressco Partners Operating, LP
CONCHO RESOURCES
Concrete Express, Inc.
Conestoga, Rovers & Associates, Inc.
Congressional Budget Office
Congressman Ed Perlmutter
CONOCOPHILLIPS
Consilium Partners LLC
Consolidated Oil Well Services
CONTECH CONSTRUCTION PRODUCTS
Convergys
Core Laboratories
Corporate Allocation Services, Inc.
Cotter Corporation (N.S.L.)
COVIDIEN
CREDERA
Cree, Inc.
CRESCENT POINT ENERGY U.S. CORP
CRU International
CRYSTAL RIVER OIL & GAS LLC
CUDD ENERGY SERVICES
Cummins Rocky Mountain
Custom Solar
Dahlman Rose & Company
Daily Thermetrics
Dakota Gasification Company
DataLogix
DATATRAK
DCP MIDSTREAM
DENBURY RESOURCES
DENVER ENERGY GROUP, LLC
Denver Public Schools - Denver Teacher Residency Program
Denver Teaching Fellows
DENVER WATER DEPARTMENT
DEVON ENERGY
Digital Petrodata
Dingo
DIRECTV
DISNEY ONLINE BOULDER STUDIOS
Disney Worldwide Services, Inc.
Distillery Solutions
DONG Energy
DOT HILL SYSTEMS CORPORATION
DOW CHEMICAL CO
DuPont Engineering
Dyno Nobel Inc.
E SQUARED POWER SYSTEMS, INC.
E2 Power Systems, Inc.

E-470 Public Highway Authority (PHA)
EA Engineering, Science & Technology
Earle M. Jorgensen Company
EARTHLED
EATON CORPORATION
Ecalix, Inc.
EchoStar Communications
Ecocion, Inc.
EDWARD KRAEMER AND SONS, INC.
EL PASO CORPORATION
El Paso County
El Pomar Foundation
ELECTRICAL CONSULTANTS, INC.
Electrorep, Inc.
ELLWOOD CRANKSHAFT GROUP
Ellwood Group, Inc. (EGI)
EMC
Emma L. Bowen Foundation
Empowered Solutions Group
EN Engineering
ENCANA NATURAL GAS
Enefit American Oil
ENERGY CORPORATION OF AMERICA
Energy Efficiency Business Coalition
Energy Fuels Resources
ENERGY FUTURE HOLDINGS
Energy Information Administration
Energy Resources Conservation Board (ERCB)
ENERPLUS
Engineered Solutions, Inc.
ENGINEERING ANALYTICS, INC.
ENSCO PLC
Enserca Engineering, LLC
ENTRÉE GOLD (US) INC.
EnviraChar / EnviraCarbon
EOG RESOURCES
EP ENERGY (formerly EL PASO CORP)
EPIC
EQT
Eriez Manufacturing Co.
ERM
ESC Engineering, Inc.
Escalante Mines, Inc.
Esri
Evaluator Group
Evalueserve Business Consulting (Shanghai)
Evergreen Research, Inc.
EVRAZ
EVRAZ - PUEBLO
Exclusive Resorts
Explorys
EXPONENT
Exterran
EXXONMOBIL
FAST ENTERPRISES
Fiberforge Corporation
FIDELITY E & P
FIML Natural Resources
FirstBank
Firth Rixson Limited
Flagship Ventures
FLATIRON
FLATIRONS SOLUTIONS
Flow Data
Flow International
FLSMIDTH SALT LAKE CITY, INC.
FLUOR CORPORATION
FM GLOBAL
FMC CORPORATION
FMC TECHNOLOGIES
Forest Oil Corporation
Fortitude Skis
Four Winds Interactive
Franklin Energy LLC
FREEPORT-MCMORAN COPPER & GOLD
FRITO-LAY
Frontiers of Science Institute (FSI)
FTEN
Fugro GeoServices, Inc.
FUHU Inc.
Fulcrum, LLC
Galaxy Quotes
Gaming Laboratories International
Garmin International
GATES CORPORATION
GCC of America

GEA HX | Power Cooling Division
GEI CONSULTANTS, INC.
General Dynamics Information Technology
General Dynamics, Advanced Information Systems
GENERAL ELECTRIC
General Services Administration
Geomega, Inc.
Geoservices
GERDAU
GERDAU SPECIAL STEEL
Global Power Solutions
GLOBAL RESOURCE ENGINEERING
GlobalData
GOFRAC
GOLD FIELDS EXPLORATION
Goldcorp Marigold
GOLDCORP, INC.
Golden Software, Inc.
GOLDER ASSOCIATES
GOODRICH CORPORATION
GORILLA LOGIC
Grand County Water Information Network
GREAT BASIN GOLD LIMITED
Groundwork Denver
Group 14 Engineering
Gustavson Associates, LLC
GUY F. ATKINSON CONSTRUCTION
GWD
GYRODATA
H.C. Starck
Halker Consulting LLC
HALLIBURTON
Harris Corporation
Harris Group Inc.
Harvard Business School
HATCH
HATCH MOTT MACDONALD
Hatton Point, Inc.
Hayward Baker, Inc.
Health Language, Inc.
HealthTrans
Heating & Plumbing Engineers, Inc.
HECLA MINING LTD.
HEICO WIRE GROUP
Helix Energy Solutions Group, Inc.
HELMERICH & PAYNE
HENSEL PHELPS CONSTRUCTION
HESS CORPORATION
Hewlett-Packard Company
Hi Jet Bit LLC
HID Global
High Sierra Water Service
Hitachi High Technologies America
HOLLYFRONTIER (FRONTIER ELDORADO)
Honda of America Mfg.
HONEYWELL
Hong Kong Economic and Trade Office of San Francisco
HRS Water Consultants, Inc.
HSBC Securities (USA) Inc.
Hunter Douglas
Hydro Gate LLC
I H S
IBM Software Group
I-Cubed
Idaho National Laboratory
ideas42
IDS Australasia Pty Ltd
IDS NORTH AMERICA
IMERYS
Ingersoll Rand
Insight Global
Institute for Humane Studies
INTELLIGENT SOFTWARE SOLUTIONS (ISS)
IntelliProp Inc.
Intermap Technologies
INTERMOUNTAIN ELECTRONICS, INC.
INTREPID POTASH
INVOCON, INC.
IQNavigator
ITN Energy Systems, Inc.
ITT Corporation
ITT Exelis, SENSOR Program
J. T. Thorpe & Son, Inc.
J.R. Butler

J.R. SIMPLOT COMPANY
Jackson Ice Cream/Kroger Foods
JACOBS
James Engineering
Janus Capital Group
Jefferson County Government
JEFFERSON COUNTY WORKFORCE CENTER
JEPPESEN
John Deere
Johns Manville
Joy Global-Surface Mining (formerly P&H Mining Equipment)
JR ENGINEERING
JUNCTION SOLUTIONS
juwi solar Inc.
KAHUNA VENTURES
KANSAS DEPT. OF TRANSPORTATION
Karcher North America
Kent Denver School
Key Energy Services
KEYMARK ENTERPRISES
Kia Motors Manufacturing
KIEWIT INFRASTRUCTURE
KIMLEY-HORN AND ASSOCIATES
KINROSS GOLD
KNIGHT PIESOLD
Knolls Atomic Power Laboratory (KAPL)
Knott Laboratory, LLC
Kondex Corporation
Kwik Tek Inc.
L&S Electric, Inc.
LAFARGE
Landon IP, Inc.
LEHIGH HANSON
LEITNER-POMA of AMERICA, INC. (LPOA)
Lend for America
LENDER PROCESSING SERVICES, INC.
Leppert Associates
Leprino Foods Company
LeTourneau Technologies
Level 3 Communications
LEVELS BEYOND, LLC
LEXMARK INTERNATIONAL
LGS INNOVATIONS
Liebherr
LINC ENERGY OPERATIONS
Lisbon Valley Mining Co., LLC
LMC Right Start Inc.
LOCKHEED MARTIN
LOGAN ALUMINUM
Low Energy Systems
LSI -Logical Systems LLC.
LT Environmental, Inc.
Lytle Water Solutions, LLC
Madison Capital Management
Magellan Midstream Partners, LP
Magotteaux
Mainstream Engineering
Managed Pressure Operations
Manhard Consulting
Maptek
MARATHON OIL COMPANY
MARKIT ON DEMAND
Marquez Environmental Services, Inc.
Masten Space Systems
MATCH Charter Public School
Maxim Integrated Products
Maxum Petroleum
MBI ENERGY SERVICES
McInnes Rolled Rings
McKesson Provider Technologies
MCKINSEY & COMPANY
M-E Engineers, Inc.
ME GLOBAL - ME ELECMETAL
Media Plus Consulting
Medical Modeling Inc.
MedKeeper
Mellott Company
MENTOR GRAPHICS
MERKLE INC.
MERRICK & COMPANY
Metallurg Vanadium Corp
Metro Wastewater Reclamation District
Metron Inc.
Metso Minerals Ind.
M-I SWACO

Michels Corporation
Micro-g LaCoste
MICROSEISMIC
Microsoft Corporation
MicroStrategy
Mile High Youth Corps
MillerCoors
MINE SITE TECHNOLOGIES
MINING & ENVIRONMENTAL SERVICES
Minnesota Department of Natural Resources
Division of Lands and Minerals
Missile Defense Agency
MiTek Industries, Inc.
MOLYCORP
MORTENSON CONSTRUCTION
Moser & Associates Engineering, Inc.
Mountain Threads
Mountainside Medical Colorado, LLC
MULTIPHASE SOLUTIONS KENNEY (MSIKENNY)
Multivision, Inc.
MW GOLDEN CONSTRUCTORS
MWH Global, Inc.
MyCCA
NABORS INTERNATIONAL
NALCO
NASA Langley Research Center
NASA -Undergraduate Research Program
National Center for Atmospheric Research
NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY
NATIONAL INSTRUMENTS
NATIONAL OILWELL VARCO
NATIONAL RENEWABLE ENERGY LAB (NREL)
National Restaurant Consultants
NAVSEA (Carderock Division)
Navy Geothermal Program
NEBRASKA PUBLIC POWER DISTRICT
Nestle Purina PetCare
NetApp
Neumann Systems Group
New Century Software
NEWFIELD EXPLORATION
NEWMONT MINING
Nexen Petroleum U.S.A. Inc.
Next Level Tutors, LLC
NFT
NOBLE ENERGY
NORDSTROM FSB
NORTHROP GRUMMAN
Northwest Pipe
NORTHWESTERN MUTUAL - CUNNINGHAM
NORTHWESTERN MUTUAL— DENVER WEST
NORWEST CORPORATION
NOUSguide, Inc.
NOV QUALITY TUBING
NUCOR STEEL
Nucor Vulcraft Group
NV Energy
Nyrstar
OASIS PETROLEUM
Oberon FMR, Inc.
OCCIDENTAL OIL & GAS
Ocean Thin Films
OCI CHEMICAL CORPORATION
Oerlikon Balzers
Office of Minerals Evaluation
Oldcastle Precast
OLSSON ASSOCIATES
Omya Inc.
OPENLINK FINANCIAL, INC.
OPPENHEIMER FUNDS
OptaSense, Inc.
OPTIMATION
ORACLE
ORICA MINING
OVERLAND CONVEYOR CO. INC.
OXLO SYSTEMS INC.
P&H MINING EQUIPMENT
PalmLing
Panther Industries, Inc.
PARIVEDA SOLUTIONS
Parsons Brinckerhoff
Partners In Peformance
Pason Systems USA
Patrick Engineering Inc.
Paycom

PDC ENERGY
PEABODY ENERGY
PEACE CORPS
PEARL HARBOR NAVAL STATION
PeopleTec, Inc.
PERFICIENT
PERFNET
PETERSON ENERGY MANAGEMENT
PETROLEUM FIELD SERVICES
Ping Identity
PIONEER NATURAL RESOURCES
PIVOTAL LABS
Plains All American Pipeline, LP
Plains Exploration & Production Company
Play-Well TEKnologies
Polsinelli Shughart
POWER ENGINEERS
POWER MOTIVE CORPORATION
Power Source Systems
PRECISION CASTPARTS CORP (PCC STRUCTURALS)
PREFERRED SANDS
Premier Roofing
Presto Geosystems
Procter & Gamble
PRODUCTION CONTROL SERVICES
PROFESSIONAL SERVICES INDUSTRY (PSI)
Progress Rail Services
Prolific Business Solutions
Provident Funding
PTC- Parametric Technology Corporation
PUGET SOUND NAVAL SHIPYARD
QEP RESOURCES
Quadna
QUADRA MINING
QUALVU
Quantum Water Consulting
Quest Integrity Group
QuesTek Innovations LLC
Radio Disney
RAIN FOR RENT
Rally Software Development
Rapaport
Rapidform, Inc.
Raytheon Company
READYTALK
Real Goods Solar
RECONDO TECHNOLOGY
Red Boat Ventures
Red Rocks Community College
REGIONAL TRANSPORTATION DISTRICT (RTD)
REGLERA
Renewable Choice Energy
Renewable Energy Systems
Repsol USA Holdings Corporation
RES AMERICAS
Research Management Consultants Inc.
RESPEC
RETURN PATH
RezStream
Ridgemont Equity Partners
Right Stuff Equipment
RINCON RESEARCH CORPORATION
RIO TINTO
RMC Software Inc.
ROCKET SOFTWARE
Rocky Mountain Institute
Rocky Mountain Nature Association
Rocky Mountain Reagents, Inc.
Roller Bearings Company of America
Room 214, Inc.
ROONEY ENGINEERING
ROSETTA RESOURCES
Rothschild
Rovi Corporation
RSR Technologies, Inc.
RT Logic
Runge Mining - Pincock, Allen & Holt
Ryan Directional Services
S.M. Stoller
Sage Environmental Consulting
SALESFORCE.COM
Samson Rope Technologies
SAMSUNG AUSTIN SEMICONDUCTOR
SANDOZ
SANDRIDGE ENERGY

SANDVIK MINING AND CONSTRUCTION
SANJEL
SARA LEE BAKERY
SCHLUMBERGER
Schmueser Gordon Meyer, Inc.
SCHNITZER STEEL INDUSTRIES
Science Applications International Corporation (SAIC)
SCIENTIFIC DRILLING INT'L
Sciforma Corporation
Scot Forge Company
SDL International
Seacamp Association, Inc.
SEAGATE
SEAKR Engineering, Inc.
Select-Arc, Inc.
Senator Michael Bennet's Office
Sencore
SERCEL-GRC
Serimax North America, LLC
Service Magic, Inc.
SESC
SEVERSTAL NORTH AMERICA
SGS NORTH AMERICA
SHELL
SHIMMICK CONSTRUCTION
Shultz Steel Company
SIEMENS INDUSTRY INC.
Siemens Water Technology
Sierra Chemicals, L.C.
Sierra Detention Systems
SIERRA NEVADA CORPORATION
SIGMA3 Integrated Reservoir Solutions
Simple Energy
SINCLAIR OIL & GAS
SKANSKA
Skelly and Loy, Inc.
Sky Research, Inc.
SKYDEX Technologies, Inc.
SkyeTek, Inc.
Slaton Bros
SM ENERGY
Smith, a Schlumberger Company
Smithsonian Institution
SOLAR TURBINES
SOLVAY CHEMICALS
Sorin Group USA, Inc.
South Platte Natural Resources District
Southwest Conservation Corps
SOUTHWESTERN ENERGY
SPARTA, INC., A PARSONS COMPANY
SPATIAL CORPORATION
SPECTRA LOGIC
Spectranetics Corporation
SpeeCo Incorporated
SPINFUSION
SPOTXCHANGE
Spuncast, Inc.
Square
SquareTwo Financial
SRK Consulting
SSAB
Stacy Machine & Tooling, Inc.
STANLEY CONSULTANTS
Staples
Starboard Storage
Starlight Consultants, LLC
Starz Entertainment
STATOIL
Stifel, Nicolaus & Company, Inc
STILLWATER MINING
Stolar Research
STOLLE MACHINERY
Storage Tank Technology, Inc.
Strathmore Resources
Structural Integrity Associates, Inc.
Stryker Orthopaedics-Joint Preservation
Stuart Batty Wood Turning
STUPP CORPORATION
SUNCOR ENERGY
Sundyne Corporation
SUPERIOR WELL SERVICES
Super-Tech Filter
Swagelok Denver
SWIFTPAGE
Sybase

Sylvan Learning of Littleton
Symmetricom
SYMPLIFIED
Sympoz
SYNCRONESS
Synkera Technologies Inc.
T.D. WILLIAMSON
TAKRAF USA, INC.
TALISMAN ENERGY
TATA CONSULTANCY SERVICES
TDA Research
TE Connectivity
Teach Kentucky
Tech-X Corporation
Teledyne Monitor Labs
TeleTech
TELVENT
TENARIS
Tennessee Valley Authority
Terralog Technologies Inc.
TerraNotes Ltd
TerraPact
Terumo BCT
TETRA TECH
TGS NOPEC
The Bean Consulting Group
The Civic Canopy
The Conti Group
THE DOE RUN COMPANY
THE DOW CHEMICAL COMPANY
THE LINCOLN ELECTRIC CO
The Piton Foundation
The ProConn Group / ProConn Engineering
THE RMH GROUP, INC.
The Rothwell Group, LP
The Schork Report
THE SHAW GROUP
THE SHAW POWER GROUP
THE SI ORGANIZATION
THE TIMKEN COMPANY
The TriZetto Group
The Vanguard School
The White House
THE WILLIAMS COMPANIES
THYSSENKRUPP STEEL USA
Tiandi Energy Ltd.
Tierra Group International
Time Warner Cable
Tinker Air Force Base Engineering
TMK IPSCO
Toltec International Inc.
Top Notch Tutoring, LLC
TopSchool Inc.
Torch Renewable Energy
Tower Engineering Professionals, Inc.
Town of Superior
TRANE
TRANSFORM SOFTWARE AND SERVICES, INC.
TRANSPORTATION TECHNOLOGY CENTER
TransVac Systems
TRAPPER MINING INC.
TRAVELPORT
Traylor Brothers, Inc.
TREC
Trelleborg Sealing Solutions
Tri Star Metals, LLC
TRICAN WELL SERVICE LP
TRI-STATE GENERATION & TRANSMISSION ASSOC.
Troy Mine Inc.
Tudor, Pickering, Holt & Co., LLC
TURNER CONSTRUCTION
Tusaar Inc.
Twin Oaks Computing, Inc.
Twin Platt Natural Resources District
TYLER TECHNOLOGIES, INC.
U.S. Air Force Civil Service Careers
U.S. ARMY CORPS OF ENGINEERS
U.S. Congress - Congressional Budget Office
U.S. Department of Energy (DOE)
U.S. DEPARTMENT OF INTERIOR - BUREAU OF RECLAMATION
U.S. Department of Labor
U.S. Department of Labor: Mine Safety and Health Administration

U.S. Department of Transporation - Pipeline and Hazardous Material Safety Admin.
U.S. Department of Transportation
U.S. DEPT. OF STATE, BUREAU OF DIPLOMATIC SECURITY
U.S. Dept. of the Interior/Bureau of Safety and Environmental Enforcement (BSEE)
U.S. DOI - Office of Inspector General
U.S. Fish and Wildlife Service
U.S. GEOLOGICAL SURVEY (USGS)
U.S. NAVY NUCLEAR & CIVIL ENGINEERING
U.S. Office of Surface Mining Reclamation & Enforcement
U.S. STEEL CORPORATION (USS)
ULTEIG ENGINEERS
Ulterra Drilling Technologies, LP
UNAVCO, Inc.
UNICIRCUIT, INC.
UNIMIN CORPORATION
Union Pacific
UNITED LAUNCH ALLIANCE
UNIVERSITY OF SOUTHERN CALIFORNIA VITERBI SCHOOL OF ENGINEERING
UNIVERSAL PEGASUS
UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH (UCAR)
University Directories
University of Colorado at Boulder
University of Colorado at Boulder/CIRES
UNIVERSITY OF COLORADO HOSPITAL
University of Texas at Austin
UQM Technologies
Urban Drainage & Flood Control District
URL INTEGRATION, INC.
URS CORPORATION
US Bank
USGS GEOLOGIC HAZARDS SCIENCE CENTER
UsingMiles Inc.
USS-POSCO INDUSTRIES
V&M STAR
VALLOUREC & MANNESMANN TUBES
Valmont Industries, Inc.
Valve and Filter Corporation
Varel International
VENOCO
VenTribe
Venytx, Inc.
VERAN MEDICAL TECHNOLOGIES
Verdeo Sindicatum
Verizon
VERIZON WIRELESS
VIAERO WIRELESS
ViaSat, Inc.
Victaulic Company of America
Virtual Consulting International
Vishay Dale Electronics
Vision Land Consultants, Inc.
Vista GeoSciences LLC
Vista Metals Corp.
VULCAN MATERIALS COMPANY
W. W. Wheeler and Associates, Inc.
WALL STREET ON DEMAND
WALLACE ENGINEERING
WARD PETROLEUM CORPORATION
WASHBURN UNIVERSITY SCHOOL OF LAW
Wasson-ECE Instrumentation
Water Renediation Technology, LLC
Weatherford International
Weaver Boos Consultants, LLC
WEBER METALS, INC.
Weir Minerals Linatex
WellcomeMat.com
WELLS FARGO BANK
West Denver Preparatory Charter School
Western Area Power Administration
Western Electricity Coordinating Council
Western Electronics
Western Engineering & Research Corp.
WESTERN FORGE
Western Interstate Energy Board
Western Mine Service, Inc.
Western Union
Westower
WEXPRO-QUESTAR
WHITING PETROLEUM
Wildblue Communications
Windward

Wipro Technologies
WISS, JANNEY, ELSTNER ASSOCIATES
Wolf Robotics
Woodcraft Rangers
Woodrow Wilson National Fellowship Foundation
WOODWARD, INC.
WORLD MINERALS
WPX ENERGY
WSI WebWise Marketing Solutions, LLC
WUNDERLICH-MALEC ENGINEERING
XCEL ENERGY
XCELLENT CREATIONS
XILINX
XTO ENERGY
ZACHRY
ZACHRY CONSTRUCTION CORPORATION
Zachry Engineering Corporation
ZACHRY HOLDINGS INC.
ZAYO GROUP
Zimmerman Metals
Zoll

Chemical Engineering Department Report

2011-2012 Career Center Annual Report

The Chemical Engineering Department Report for 2011-2012 includes the following information:

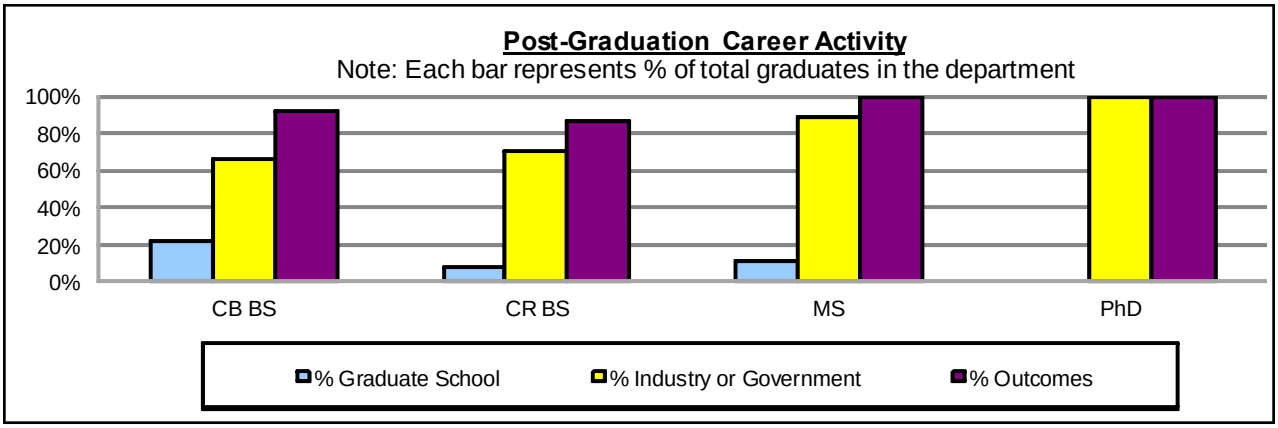
- Summary Data for Chemical & Biochemical Engineering (CB) and Chemical Engineering (CR)
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

Chemical Engineering and Chemical & Biochemical Engineering Summary Data

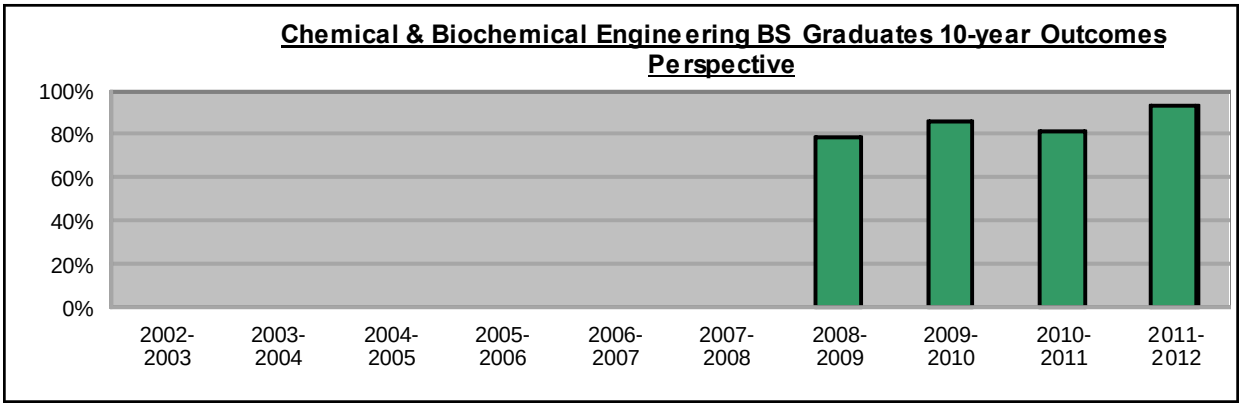
	# Grads	Ind	Gov't	Mil	Grad Sch	Intern'l	Not Looking	**Out-comes %**	Seeking	Average Salary Offer
BS - CB	41	27	0	0	9	1	1	**93%**	3	$66,939
BS – CR	61	41	2	0	5	3	2	**87%**	8	$67,787
MS – CR	9	8	0	0	1	0	0	**100%**	0	$72,467
PhD – CR	3	3	0	0	0	0	0	**100%**	0	$94,600

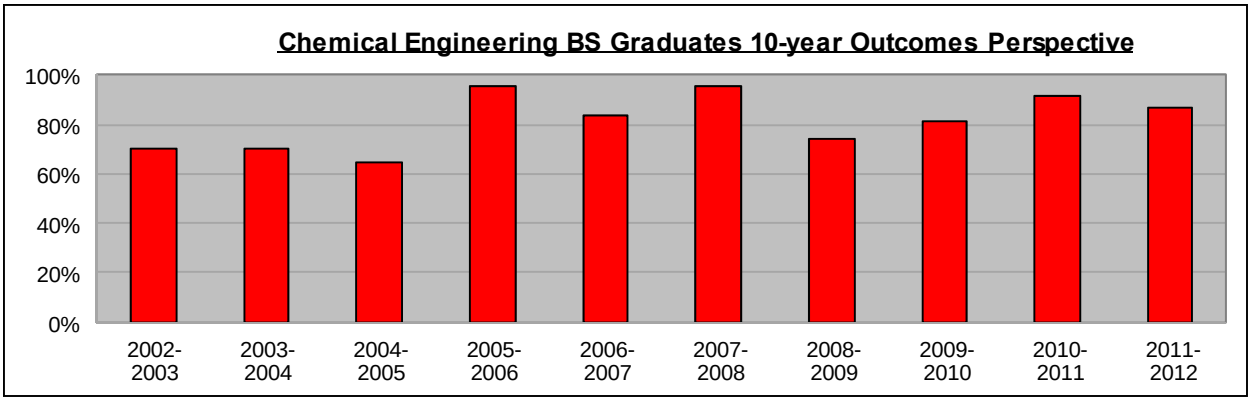
Outcomes Detail

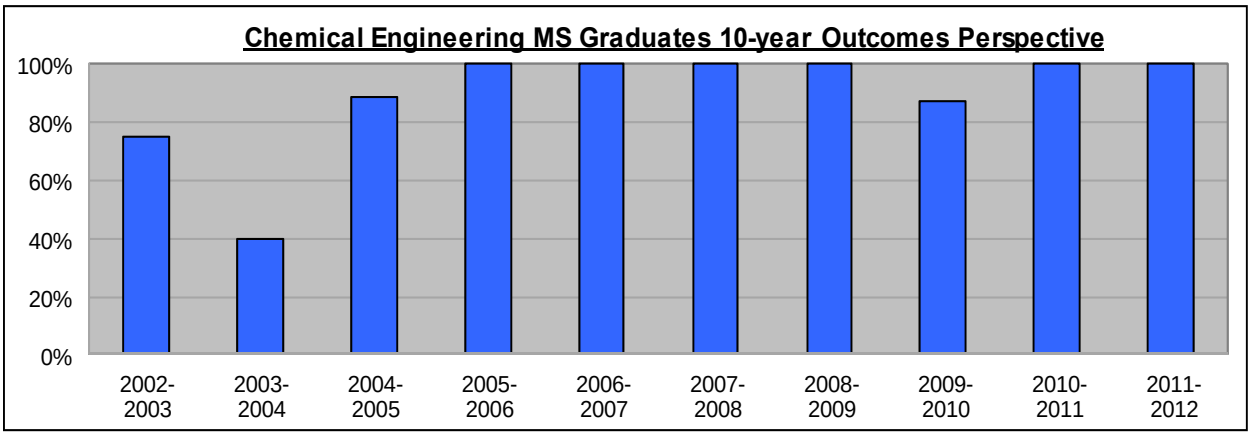
Detailed Breakdown	**Positions Accepted—Industry/Government Summary**										**Graduate School**	
	Biomed/ Pharm	Consulting (Eng)	Oil / Gas	Renew Energy	IT/Elec/ Telecom	Mfg.	Mining	Gov't	Academia/ Research	Other	CSM	Other
BS— CB	3	3	12	1	3	4	1	0	0	0	1	8
BS – CR	0	5	24	0	1	7	1	2	1	2	1	4
MS – CR	0	2	4	0	1	0	0	0	0	1	1	0
PhD – CR	0	0	2	1	0	0	0	0	0	0	0	0

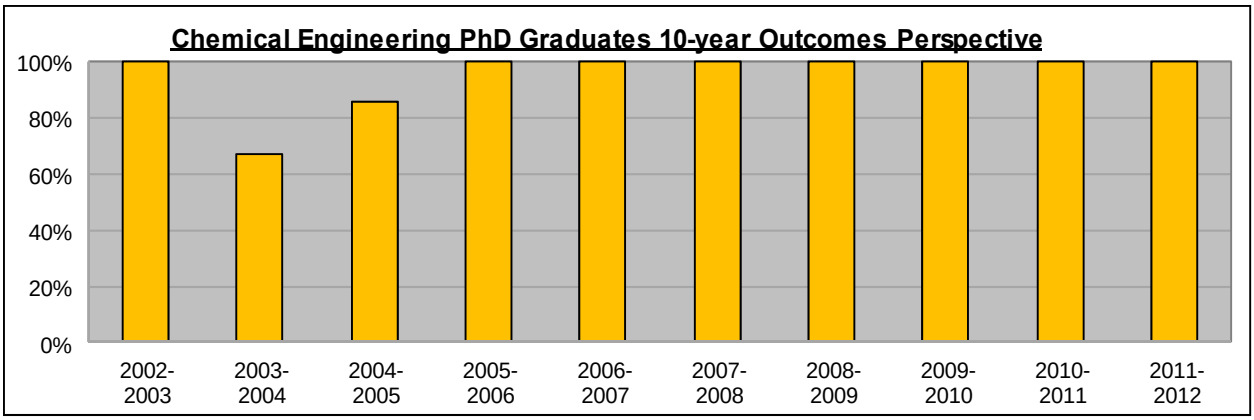


Chemical Engineering Department Outcomes Perspective

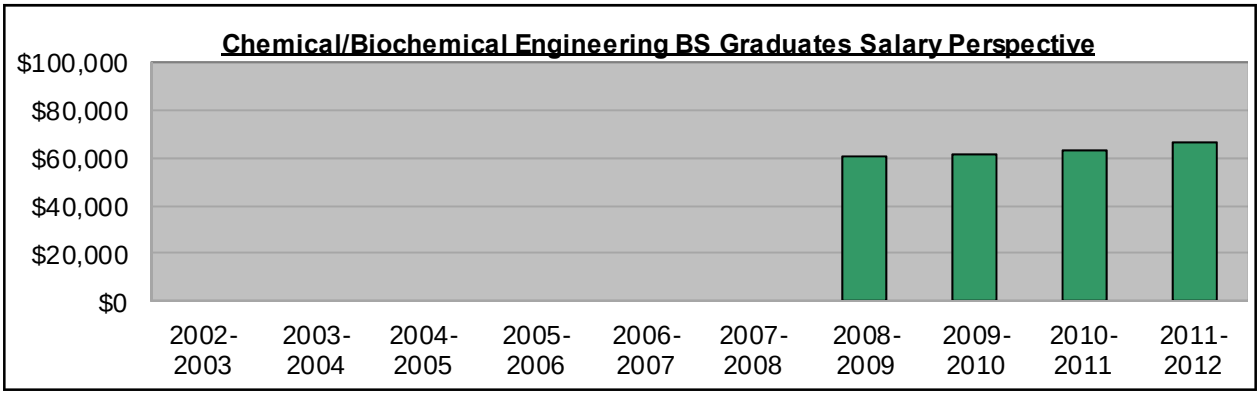


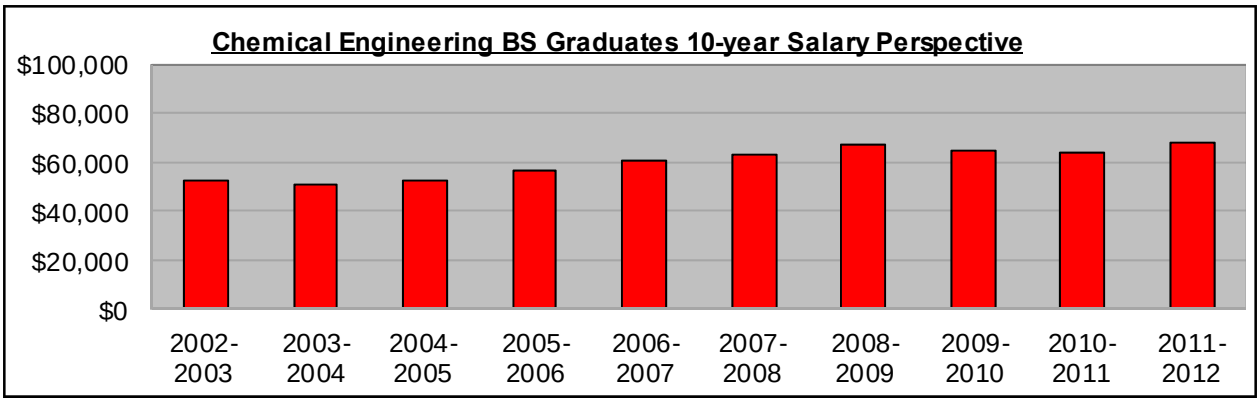


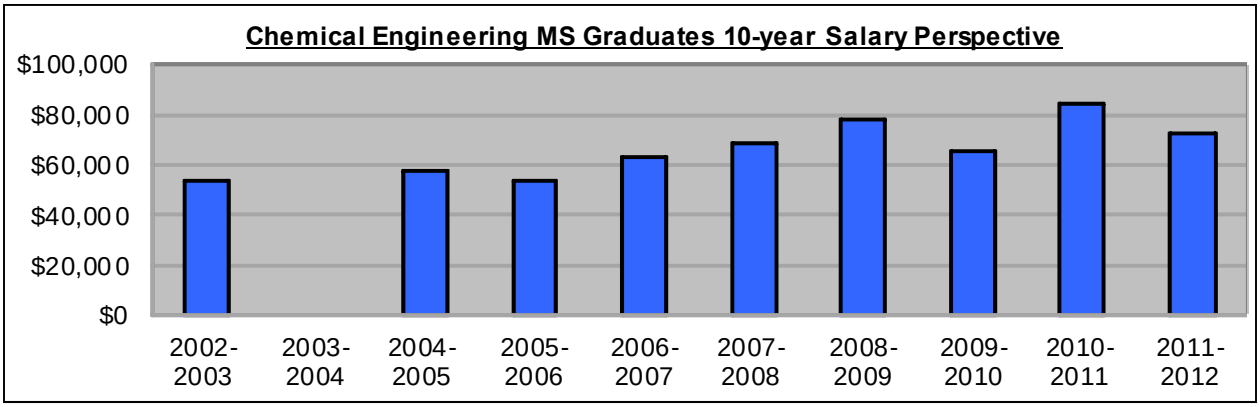


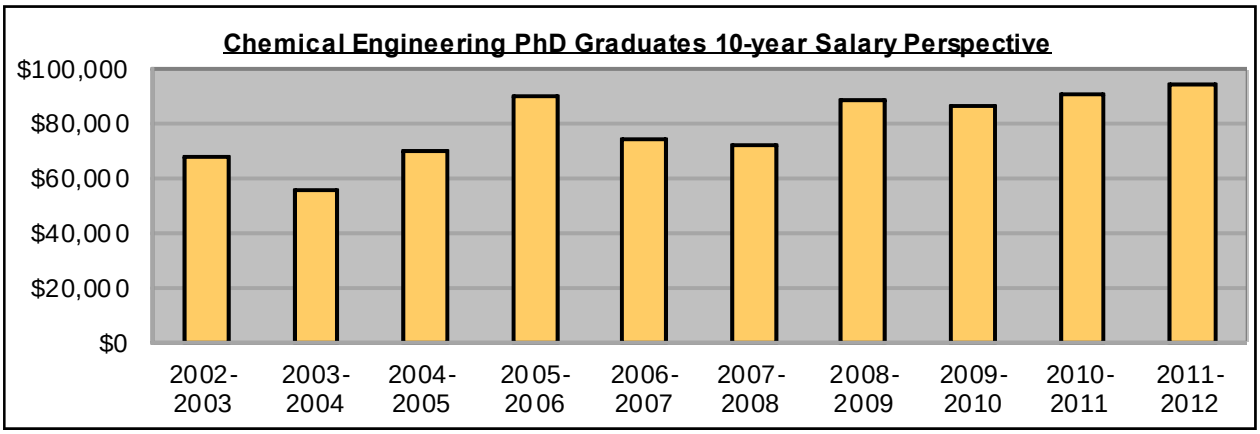


Chemical Engineering Department Salary Perspective









Internships for Chemical Engineering Department Students

The following organizations were reported to be sites of internships for 2011-2012 graduates while attending CSM.

Abengoa Bioenergy	Covidien	Netherland Sewell and Associates Inc.
ABQ BioPark	Denver Water	Nexen Inc
ADA Technologies	DOW Chemical	NIST
Allow Metals and Tubes International	El Paso Corporation	Northwestern Mutual
American Oil & Gas	Enserca Engineering	PolyNew
Applied Control Equipment	Environmental Science Dept - Mines	REMRSEC - Mines
Bates Engineering	ExxonMobil	REU
BHP Billiton	FulCircle	Roche Colorado Corporation
Blackeagle Energy Services	GWD Engineering	Sandoz Pharmaceuticals
BoeCore	Halliburton	Shell Oil
BP	Healing Waters International	Suncor Energy
Centennial Ag Supply	Holman Boiler Works	Swamp Lovers
Center for Hydrate Research—Mines	Honeywell	Tiorco
CH2M Hill	iCast	Total
Chemical Engineering Dept.— Mines	Impacting Consulting Engineers	U.S. EPA
Chevron Phillips Chemical	J.R. Simplot Company	UCLA Research
Cliffs Natural Resources	Kema Inc.	University of Massachusetts
Colorado Department of Agriculture	Lafarge	Valero
Colorado Dept. of Public Health	Merrick & Co	Williams Company
Colorado Dept. of Transportation	MicroChem Technologies, Inc.	World Minerals/Imerys
Colorado Fuel Cell Center—Mines	MillerCoors	Xcel Energy
ConocoPhillips	National Renewable Energy Lab	

Other internship opportunities in DiggerNet during the 2011-2012 academic year for this department's majors included:

Aegis Analytical	Caterpillar	Hess Corporation
Aera Energy	Cemex	HollyFrontier Corporation
Agilent Technologies	Chesapeake	Imerys
Air Sciences	Chevron Corporation	Leppert Associates
AirCell,	Colorado Springs Utilities	Marathon Oil
Anadarko Petroleum Corporation	Crescent Point Energy	McKesson
ArcelorMittal	Dakota Gasification Company	Multiphase Solutions (MSIKenny)
Array BioPharma	Devon Energy	NASA Undergraduate Research Program
ASARCO	Encana Oil & Gas	Newfield Exploration
ATK Launch Systems	Energy Future Holdings -Luminant/TXU	Occidental (OXY)
Audubon Cimation Engineering	EnviraChar / EnviraCarbon	Peabody Energy
Baker Hughes	EQT Corporation	Pioneer Natural Resources
Ball Aerospace	Fluor	Plains Exploration & Production Company
Barrick Gold	FMC Technologies, Inc.	Puget Sound Naval Shipyard
Black & Veatch	Freeport McMoRan Copper & Gold	QEP Resources
Boulder Scientific Company	Gerdau	Sinclair Oil Corporation
Burns & McDonnell	Golder Associates	Solvay Chemicals
California Steel Industries	Helix Energy Solutions Group, Inc.	Timken Company

Chemistry & Geochemistry Department Report

2011—2012 Career Center Annual Report

The Chemistry & Geochemistry Department Report for 2011-2012 includes the following information:

- Summary Data (for Chemistry including undergraduate Biochemistry and Environmental specialties and graduate level Geochemistry)
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

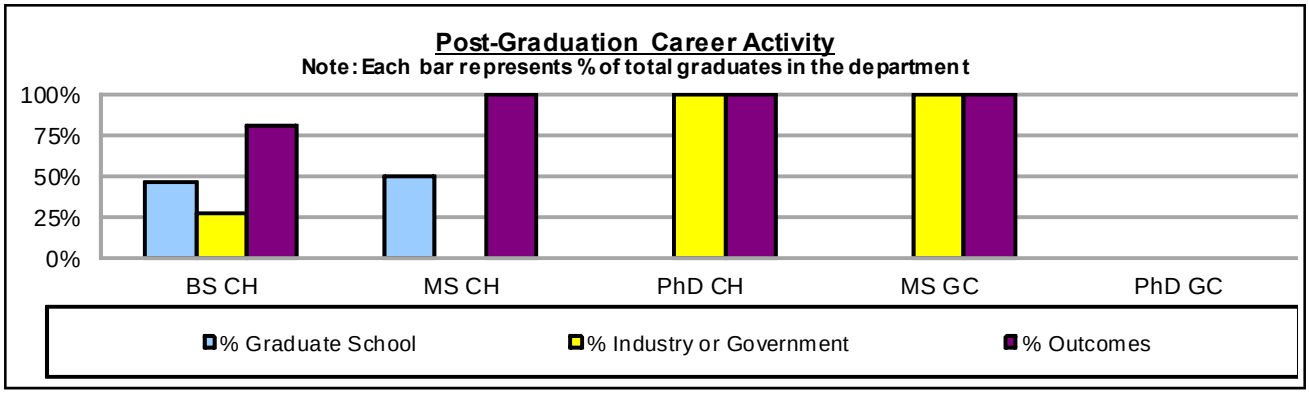
Chemistry & Geochemistry Summary Data

	# Grads	Ind	Gov't	Mil	Grad Sch	Intern'l	Not Looking	**Out-comes %**	Seeking	* Average Salary Offer
BS - CH	26	7	0	1	12	0	1	81%	5	$49,000
MS - CH	2	0	1	0	1	0	0	100%	0	N/A
MS—GC	2	2	0	0	0	0	0	100%	0	N/A
PhD - CH	1	1	0	0	0	0	0	100%	0	N/A
PhD - GC	0	0	0	0	0	0	0	N/A	0	N/A

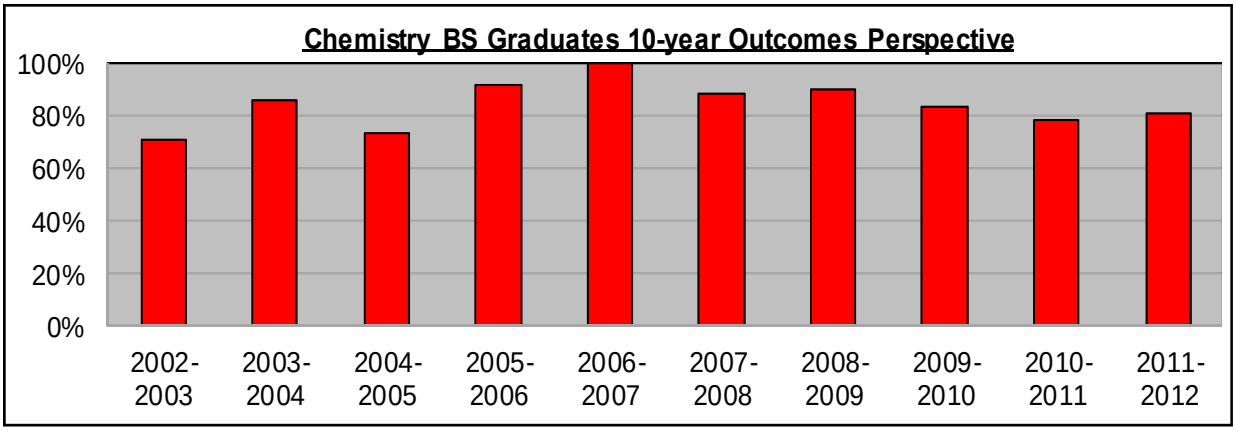
* N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

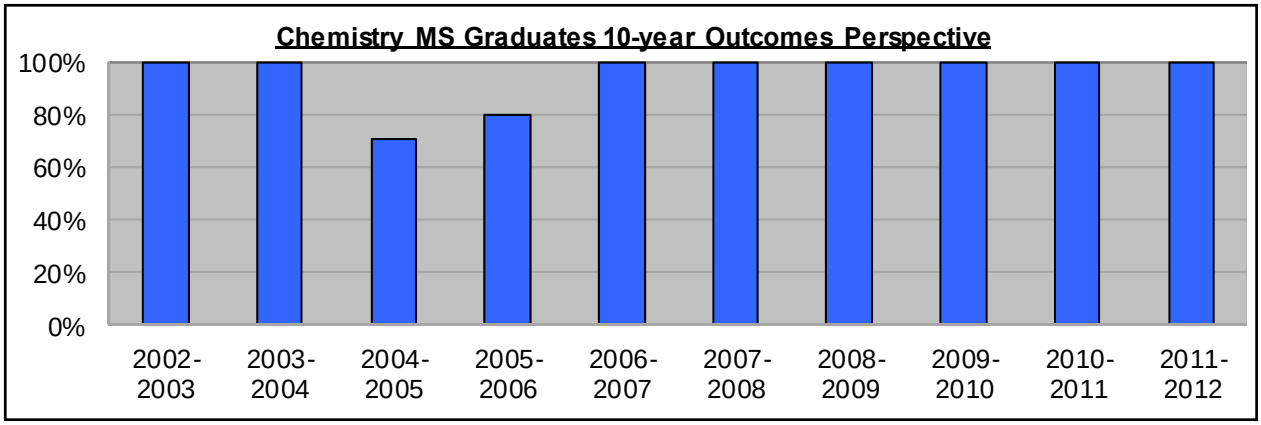
Outcomes Detail

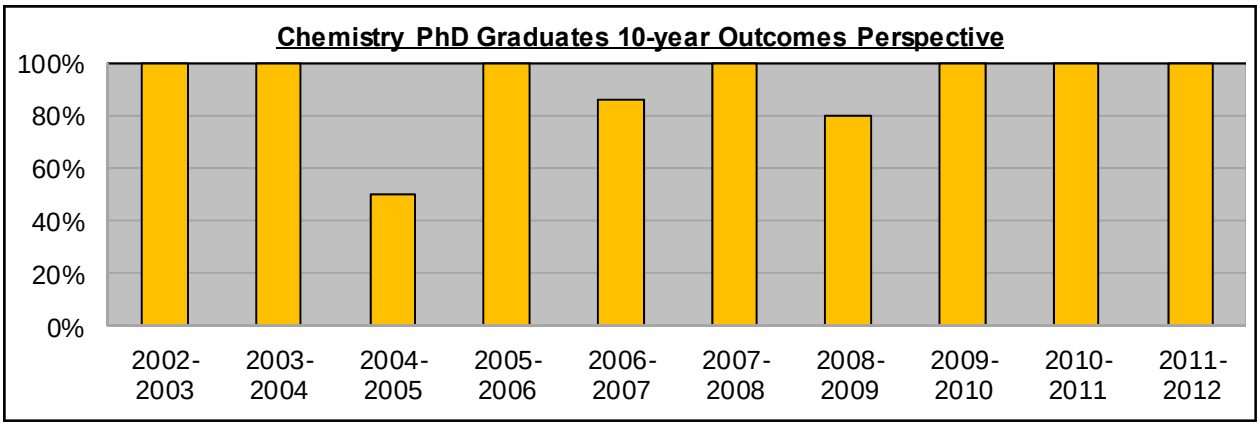
Detailed Breakdown	**Positions Accepted—Industry/Government Summary**								**Graduate School**	
	Manuf'g	Mining	Oil / Gas	Renewable Energy	Consulting	Gov't	Academia/ Research	Other	CSM	Other
BS - CH	1	1	2	0	1	0	0	2	1	11
MS - CH	0	0	0	0	0	0	0	0	1	1
MS - GC	0	0	0	0	1	1	0	1	0	0
PhD - CH	0	0	0	0	0	0	0	1	0	0
PhD - GC	0	0	0	0	0	0	0	0	0	0



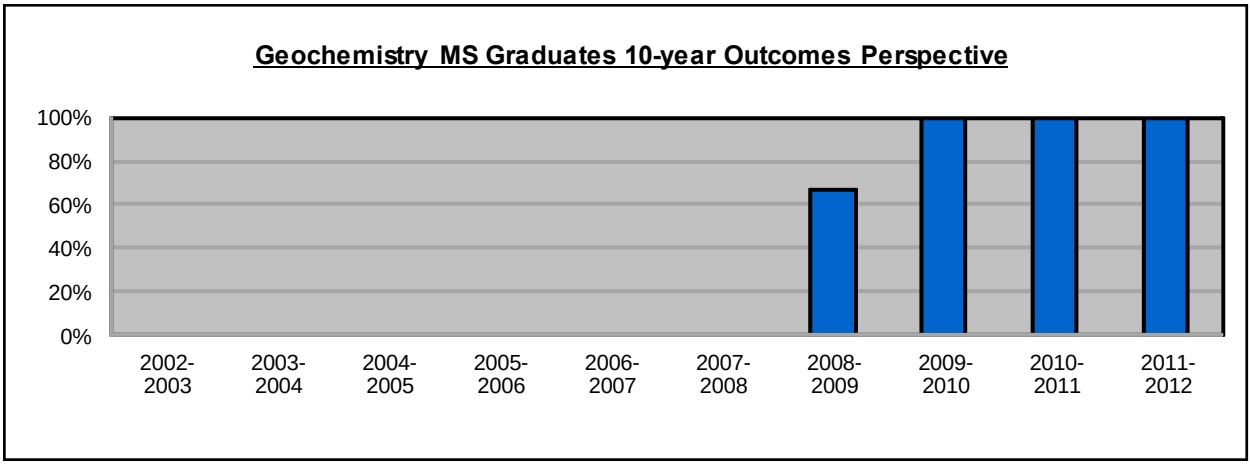
Chemistry & Geochemistry Department Outcomes Perspective

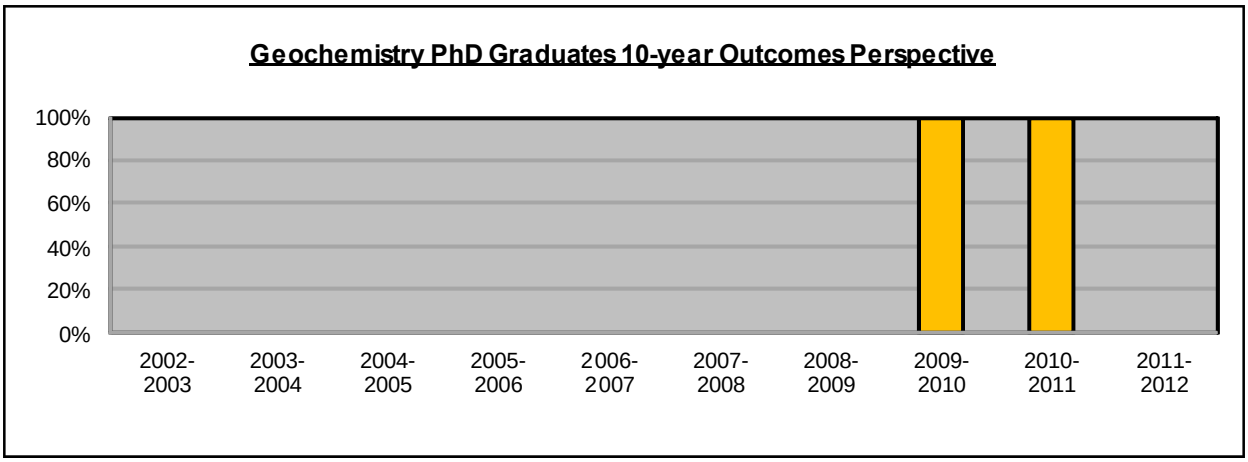






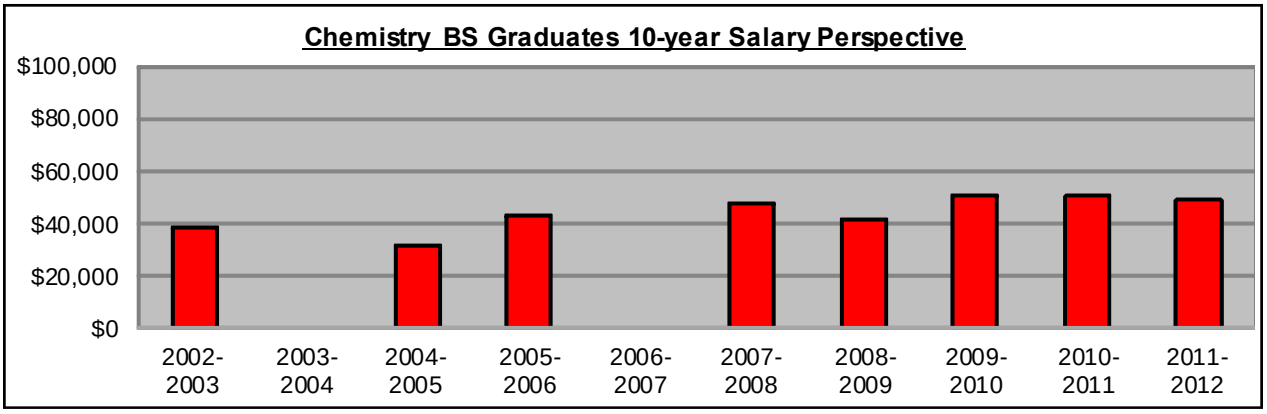
Geochemistry Outcomes Perspective





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.



Internships for Chemistry & Geochemistry Department Students

The 2011-2012 graduates in this department reported relevant experience with the following organizations while at CSM.

Biovantage	Imerys/World Minerals
Chemistry Department — Mines	NREL
Coorstek	Orica
Denver Water	Quest Diagnostics
Fullcontact	REMRSEC REU
Goodrich	USNO

Other internship opportunities for this major appeared in DiggerNet during the 2011—2012 academic year, including:

Aegis Analytical	Enerplus Resources USA
Agilent Technologies	EnviraChar / EnviraCarbon
AirCell, Inc.	EOG Resources, Inc.
Anadarko Petroleum (Geosciences)	Escalante Mines, Inc.
AngloGold Ashanti Cripple Creek Victor	Freeport McMoRan Copper & Gold
Apache Corporation	Golder Associates Inc.
Array BioPharma Inc.	Hess Corporation
Asarco LLC	Leppert Associates
ATK Launch Systems	MillerCoors
AXPRO-Mines Research Group	Molycorp Minerals LLC
Baker Hughes -- Corporate Headquarters	NASA -Undergraduate Research Program
Ball Aerospace & Technologies Corp.	Oasis Petroleum
Ball Corporation	Occidental Oil & Gas (OXY)
Barrick Gold North America	Rio Tinto
Calfrac Well Services Corp.	S.M. Stoller
Chevron Corporation	Schlumberger Technology Corporation
Cimarex Energy Co.	Statoil Gulf of Mexico LLC
Cliffs Natural Resources	The Williams Companies
ConocoPhillips	U.S. Department of Energy (DOE)
Crystal River Oil and Gas, LLC	U.S. Department of Labor: Mine Safety and Health Administration
Devon Energy Corporation	U.S. Department of Transportation
Dow Chemical Company	U.S. Geological Survey (USGS)
EarthLED	

Economics & Business Division Report

2011- 2012 Career Center Annual Report

The Economics & Business Division Report for 2011-2012 includes the following information:

- Summary Data - Economics BS, Engineering Technology Management (ETM) MS, and Mineral & Energy Economics (MEE) MS and PhD
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

Economics, ETM, Mineral & Energy Economics

	# Grads	Ind	Gov't	Mil	Grad Sch	Intern'l	Not Looking	**Out-comes %**	Seeking	* Average Salary Offer
BS – EB	14	9	0	0	3	1	1	100%	0	**$48,813**
MS – ETM	19	13	0	4	0	0	2	100%	0	**$67,379**
MS – MEE	32	18	2	0	1	8	0	91%	3	**$72,850**
PhD – MEE	5	1	0	1	0	1	0	60%	2	**N/A**

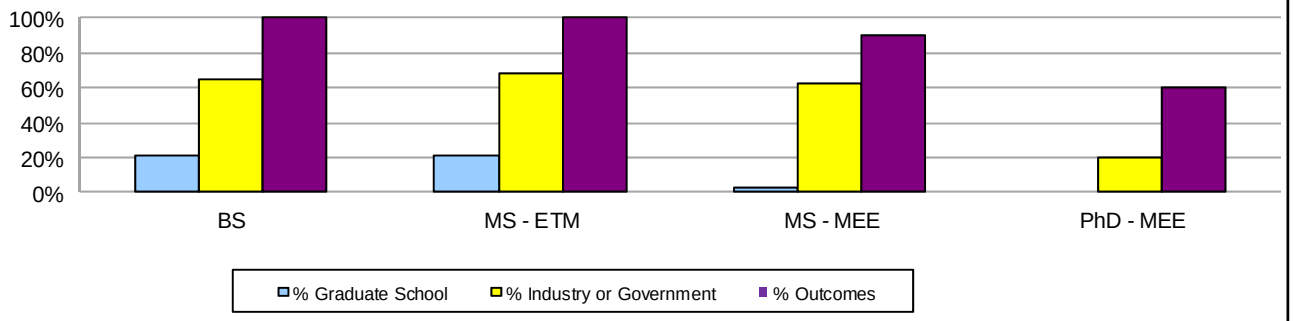
* N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

Outcomes Detail

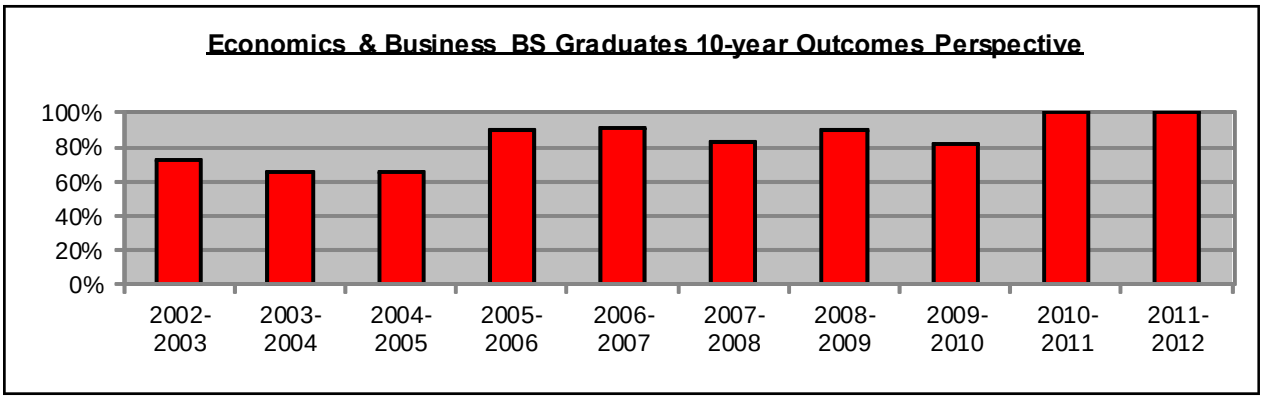
Detailed Breakdown	**Positions Accepted—Industry/Government Summary**											**Graduate School**	
	Aero	Consult Construct	Oil / Gas	Renew Energy	Bus / Fin	IT	Mf'g	Mining	R&D	Gov't / Mil	Other	CSM	Other
BS – EB	0	1	1	0	5	0	0	1	0	0	1	3	0
MS – ETM	1	1	6	1	0	2	0	0	0	4	2	0	0
MS – MEE	1	3	10	0	2	0	1	0	0	2	1	1	0
PhD – MEE	0	0	1	0	0	0	0	0	0	1	0	0	0

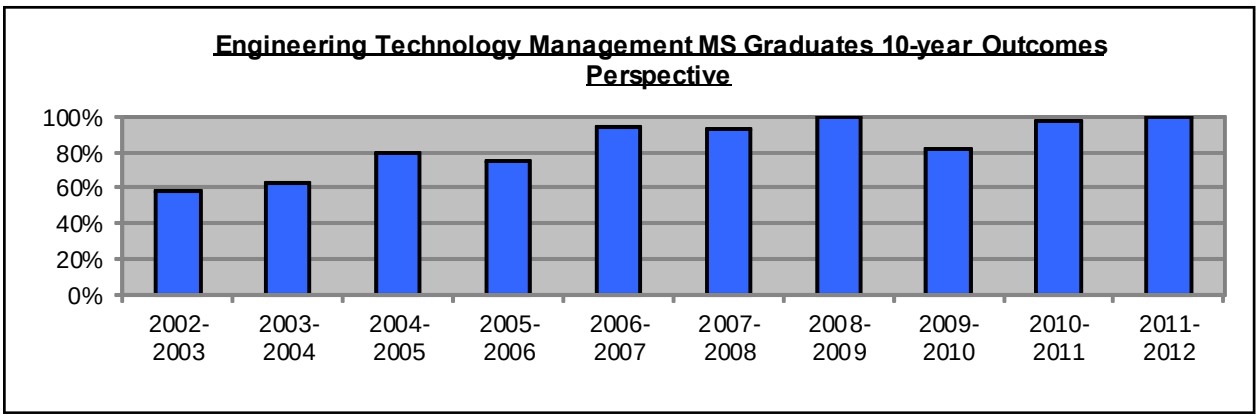
Post-Graduation Career Activity

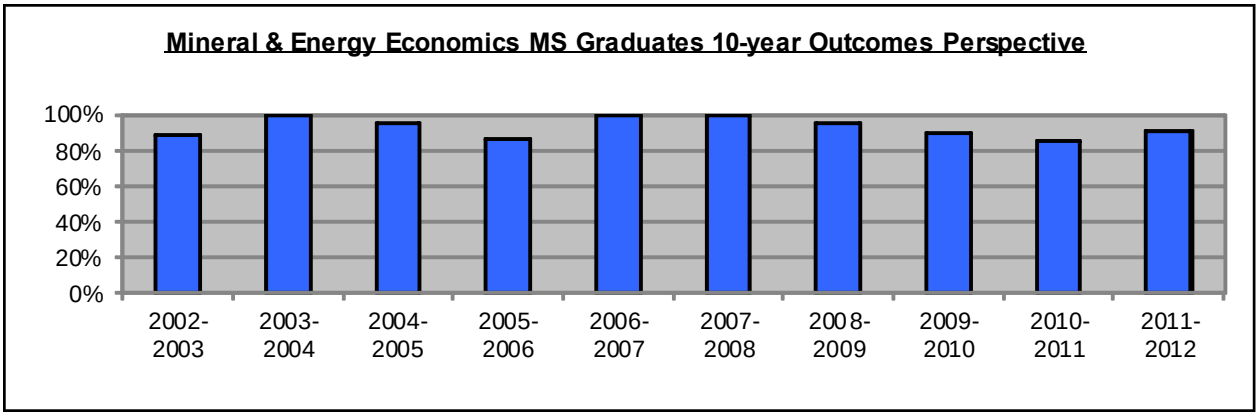
Note: Each bar represents % of total graduates in the department.

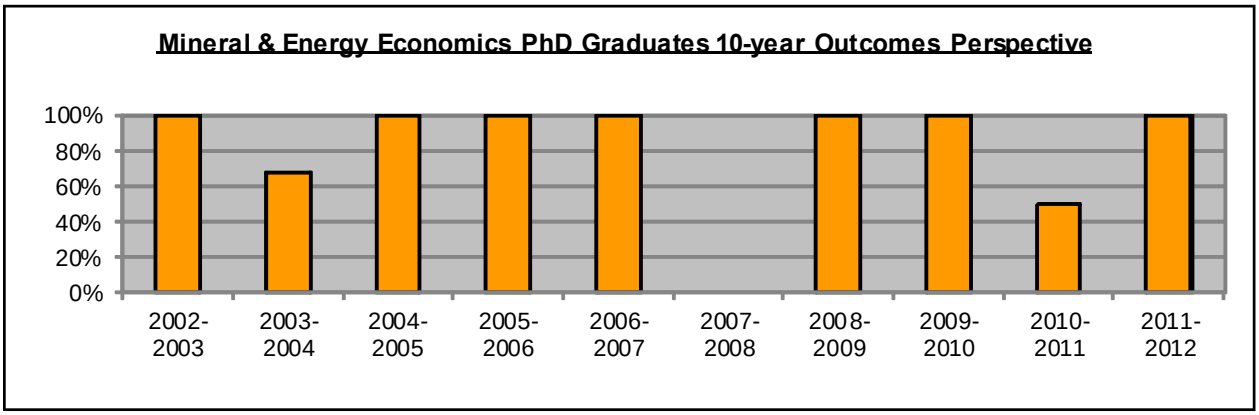


Economics & Business Division Outcomes Perspective



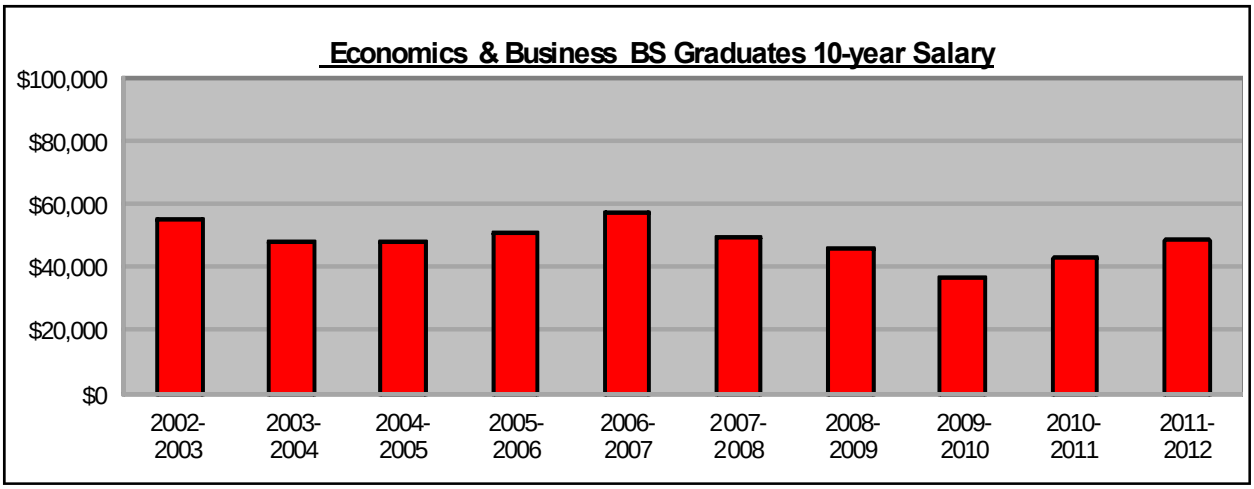


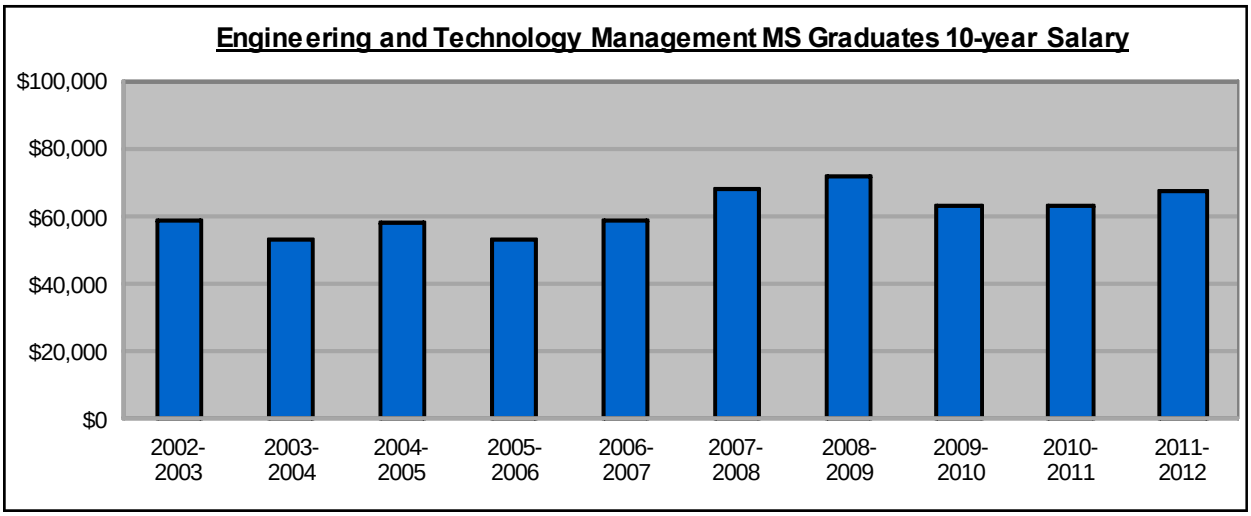


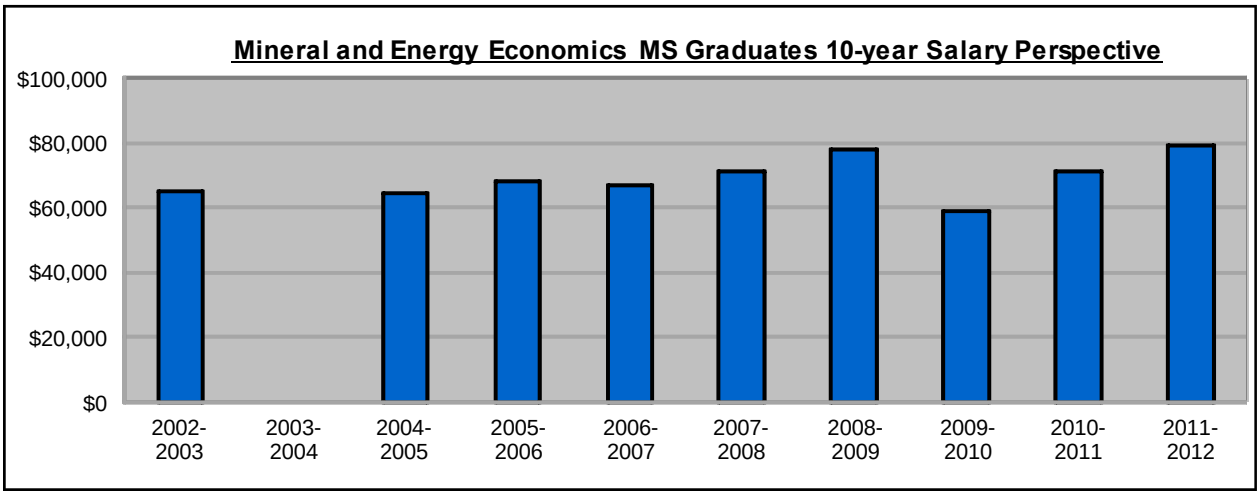


Economics & Business Division Salary Perspective *

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







Internships for Economics & Business Division Students

The 2011-2012 graduates in this department, including Economics & Business, Engineering & Technology Management, and Mineral & Energy Economics reported completing internships with the following organizations while at CSM:

Atmos Energy	Maptek KRJA Systems Inc.
City of Thorton	Nordstrom
Freeport McMoran	Tom Farrell Institute for the Environmental
Kiewit	Xcel Energy

Other internship opportunities for this department's majors appeared in DiggerNet during the 2011—2012 academic year, including:

Aether Investment Partners, LLC	Flatirons Solutions	Rocky Mountain Institute
Air Sciences Inc.	Gates Corporation	Rothschild
AirCell, Inc.	General Services Administration	Schlumberger Technology
Arrow Electronics, Inc	Gerdau	Seagate
Austin Exploration	GlobalData	Seakr Engineering, Inc.
Avaya	Groundwork Denver	Solar Turbines
AXPRO Mines Research Group	Gyrodata Incorporated	Spectra Logic
Baker Hughes	Honeywell Technology Solutions	Staples
Bimbo Bakeris USA	Imerys	Symmetricom
Boeing Company	Lend for America	T. D. Williamson, Inc.
Cable Television Laboratories	Lockheed Martin	Tenaris
Chevron Corporation	Managed pressure Operations	The Conti Group
Cliffs Natural Resources	McKesson Provider Technologies	Time Warner Cable
Comcast Corporation	McKinsey & Company	Travelport LP
Congressional Budget Office	Microsoft Corporation	Turner Construction
Consilium Partners LLC	MillerCoors	U.S. Department of Energy (DOE)
Crescent Point Energy	MSHA	U.S. Department of Transportation
DataLogix	NREL	U.S. DOI - Inspector General
Denver Energy Group, LLC	Nestle Purina PetCare	U.S. DOL: Mine Safety/Health
Distillery Solutions	Newmont Mining Corporation	United Launch Alliance
EarthLED	Northwest Pipe	URS
Emma L. Bowen Foundation	Northwestern Mutual	US Air Force Civil Service Careers
Energy Efficiency Bus. Coalition	PalmLing	Valmont Industries, Inc.
Energy Future Holdings	Peabody Energy	Verizon Wireless
EOG Resources, Inc.	QEP Resources, Inc.	Western Area Power Admin
Esri	Rapaport	Western Engineering & Research
Evaluator Group	Raytheon Company	Western Forge
Evraz Pueblo	Red Boat Ventures	WSI WebWise Marketing Solutions
Exxonmobil (Engineering)	Rio Tinto	

Engineering Division Report

2011 - 2012 Career Center Annual Report

The Engineering Division Report for 2011-2012 includes the following information:

- Summary Data - Civil, Electrical, Environmental, Mechanical, Nuclear, Systems
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

Engineering Division Summary Data

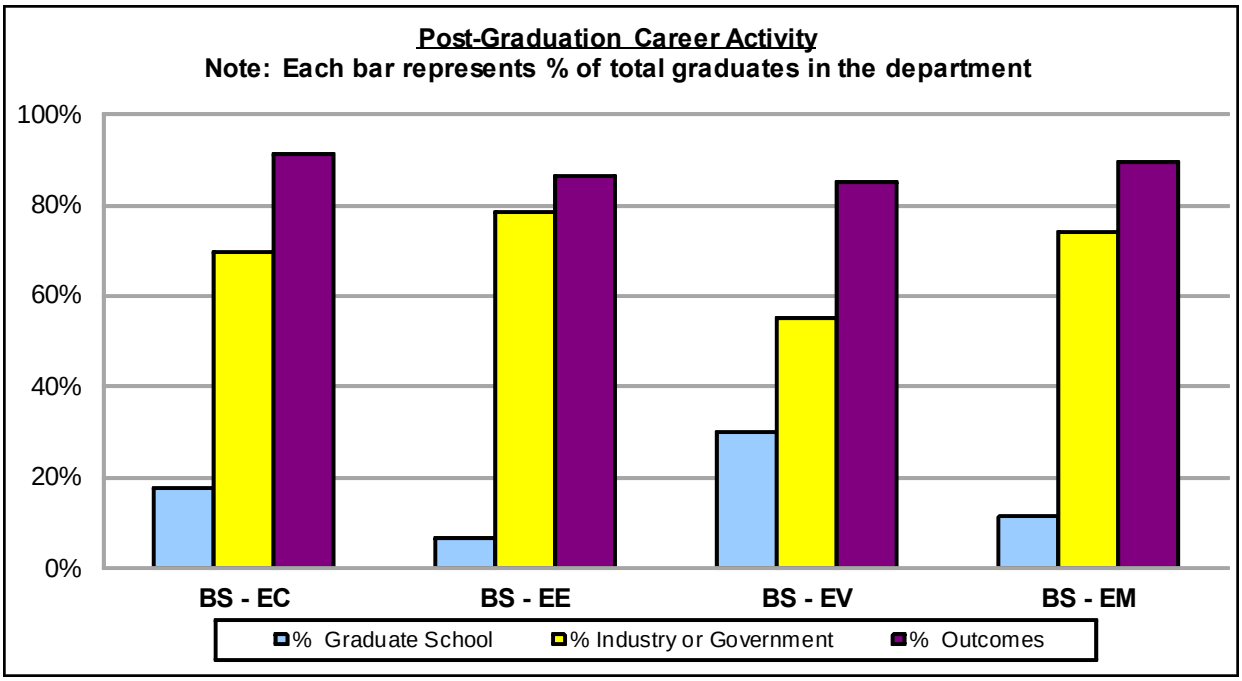
	# Grads	Industry	Gov't	Mil	Grad Sch	Intern'l	Not Looking	**Out-comes %**	Seeking	* Average Salary Offer
BS - EC	69	48	0	0	12	0	3	**91%**	6	$57,074
BS - EE	60	47	0	1	4	0	0	**87%**	8	$62,664
BS - EV	20	11	0	0	6	0	0	**85%**	3	$64,042
BS - EM	147	107	2	4	17	0	2	**90%**	15	$63,252
MS - EC	13	8	0	0	2	2	0	**92%**	1	$55,072
MS - EE	22	15	1	0	3	2	0	**95%**	1	$65,820
MS - EM	36	20	2	0	6	1	0	**81%**	7	$70,028
MS - Sys	5	5	0	0	0	0	0	**100%**	0	$77,938
MS - HY	10	6	2	0	2	0	0	**100%**	0	$53,000
PhD - EC	0	0	0	0	0	0	0	**N/A**	0	N/A
PhD - EE	2	1	0	0	0	1	0	**100%**	0	N/A
PhD - EM	3	1	0	0	0	2	0	**100%**	0	N/A
PhD - Sys	2	1	1	0	0	0	0	**100%**	0	N/A
PhD - HY	0	0	0	0	0	0	0	**N/A**	0	N/A
PhD - NU	1	1	0	0	0	0	0	**N/A**	0	N/A

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

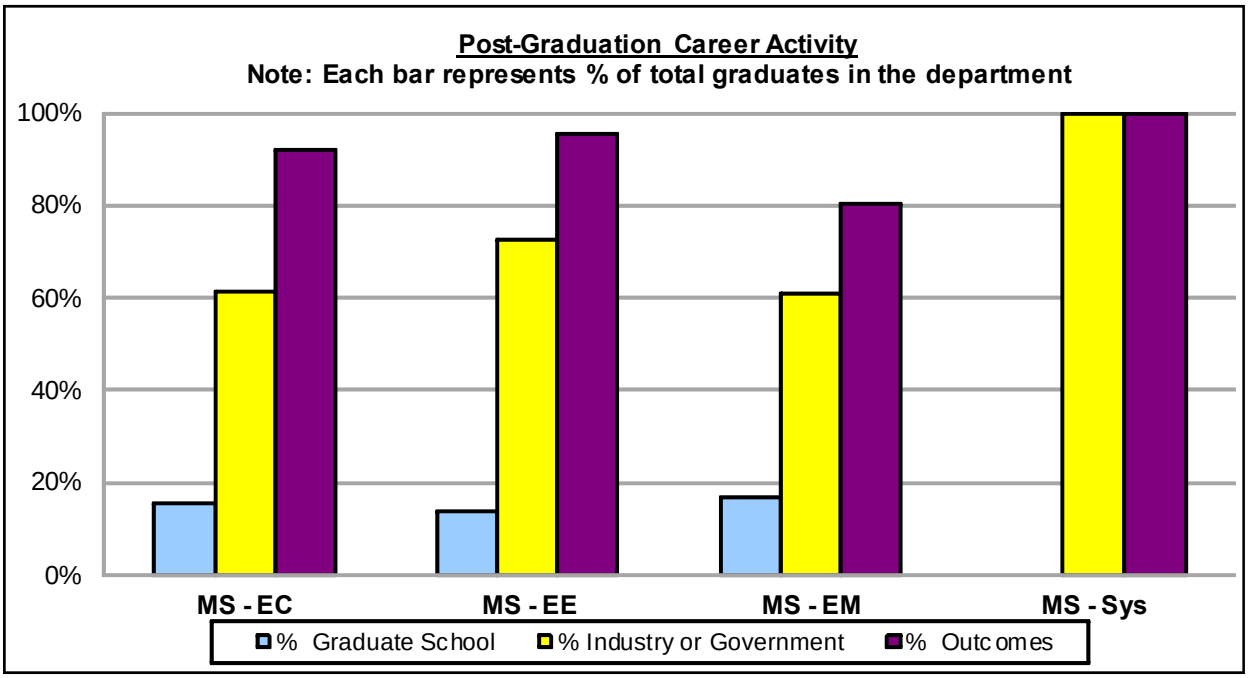
Outcomes Detail

Detailed Breakdown	**Positions Accepted—Industry/Government Summary**												**Graduate School**	
	Aero	Bio-med	Consult Construct	Oil/Gas	Renew Energy	IT / Elect Telecom	Mfg	Mining	Util	Other	Govt /Mil	Acad Res	CSM	Other
BS - EC	0	0	28	14	1	0	2	2	1	0	0	0	8	4
BS - EE	8	0	11	7	0	14	2	1	4	0	1	0	2	3
BS - EV	0	0	3	3	0	0	2	2	1	0	0	0	5	1
BS - EM	7	4	19	39	1	10	20	6	1	0	6	0	10	7
MS - EC	0	0	7	1	0	0	0	0	0	0	0	0	1	1
MS - EE	2	1	4	1	0	4	1	0	2	0	2	0	3	0
MS - EM	2	4	4	3	2	2	3	0	0	0	2	0	6	0
MS - Sys	0	0	2	1	0	1	0	1	0	0	0	0	0	0
PhD - EC	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PhD - EE	1	0	0	0	0	0	0	0	0	0	0	0	0	0
PhD - EM	0	0	0	0	0	1	0	0	0	0	0	0	0	0
PhD - Sys	0	0	1	0	0	0	0	0	0	0	1	0	0	0
PhD - NU	1	0	1	0	0	0	0	0	0	0	0	0	0	0

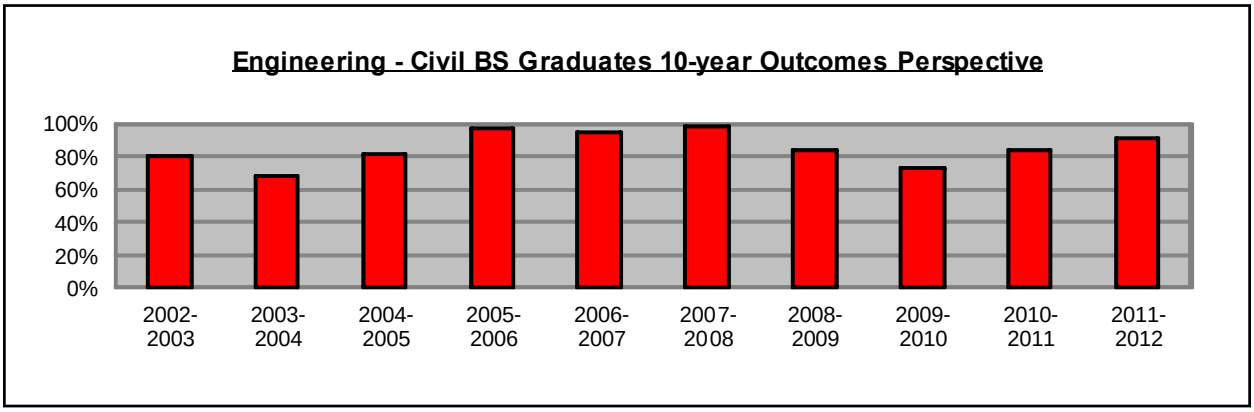
Engineering Division BS Post-Graduation Outcomes

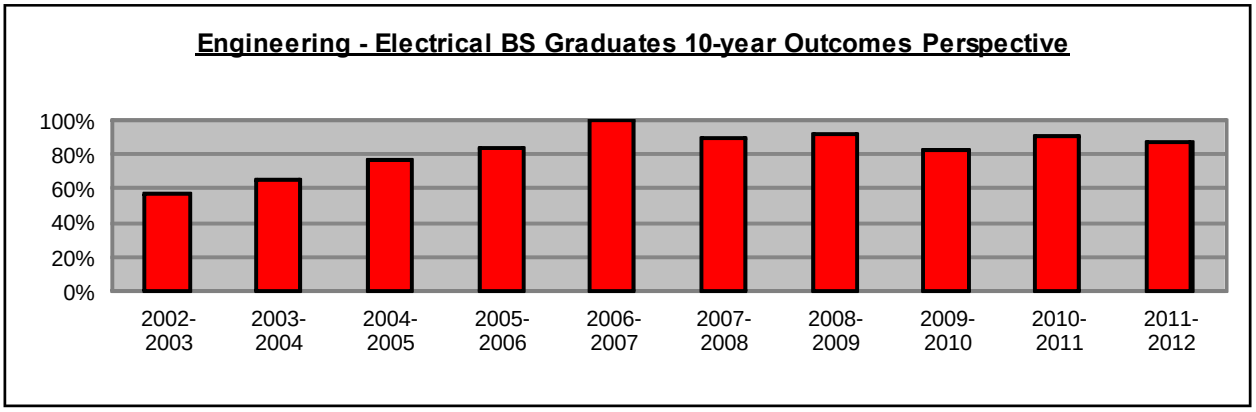


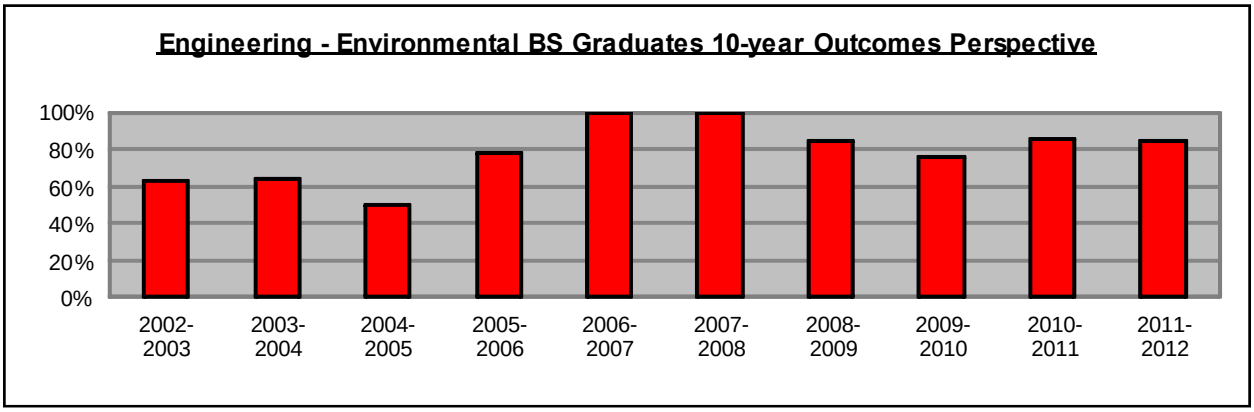
Engineering Division MS Post-Graduation Outcomes

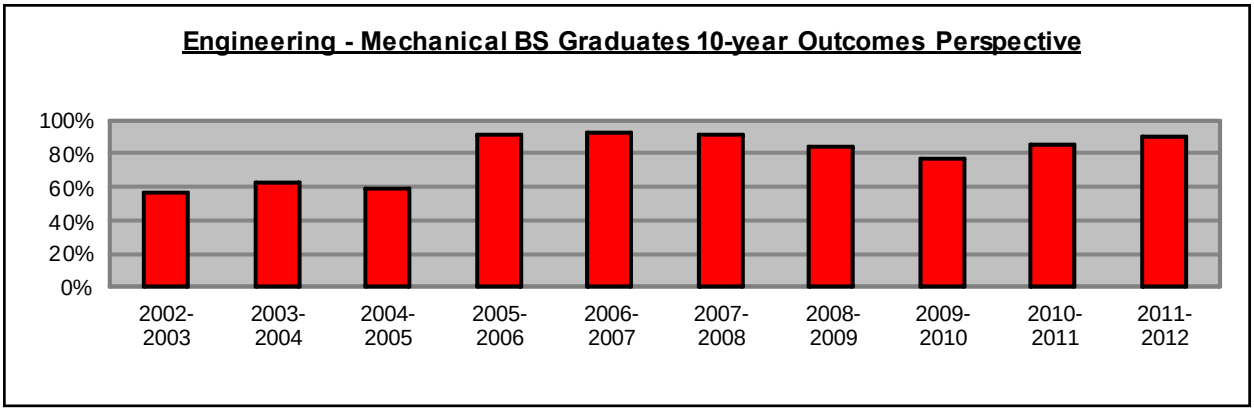


Engineering Division BS Outcomes Perspective

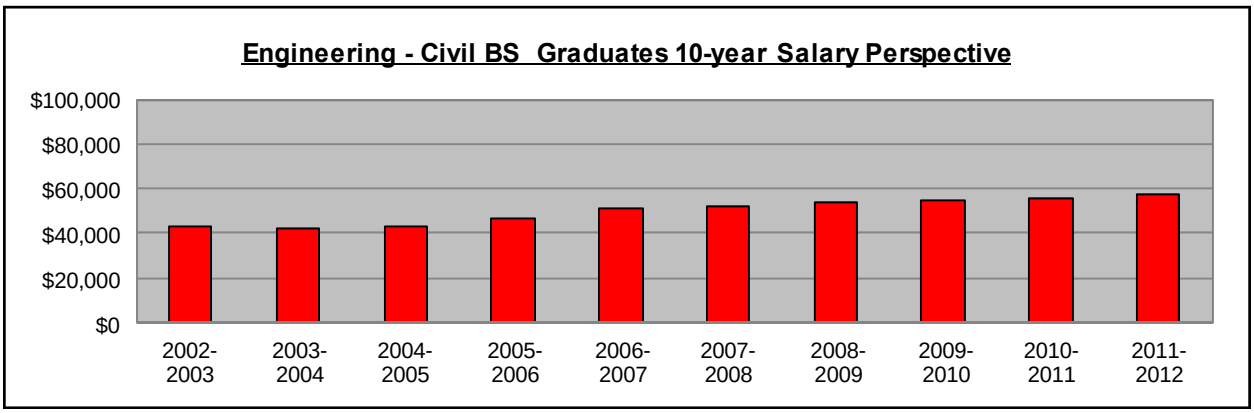


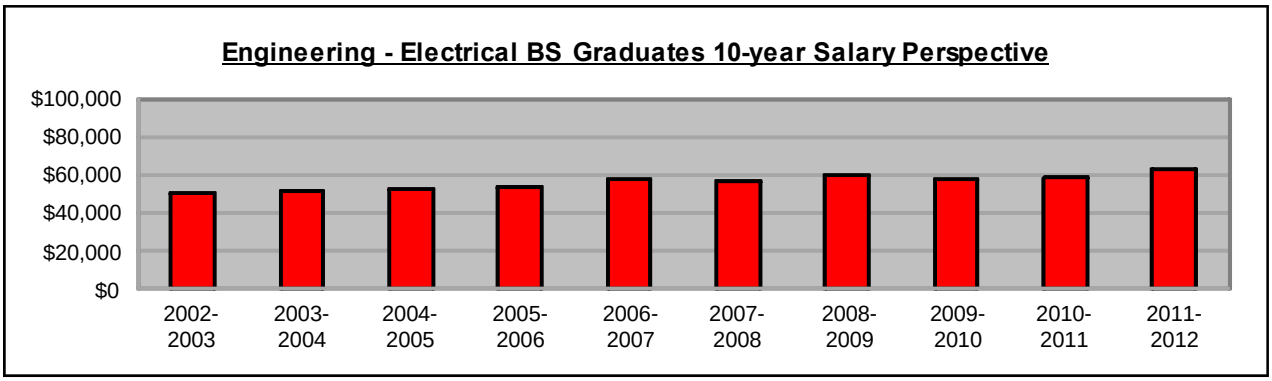


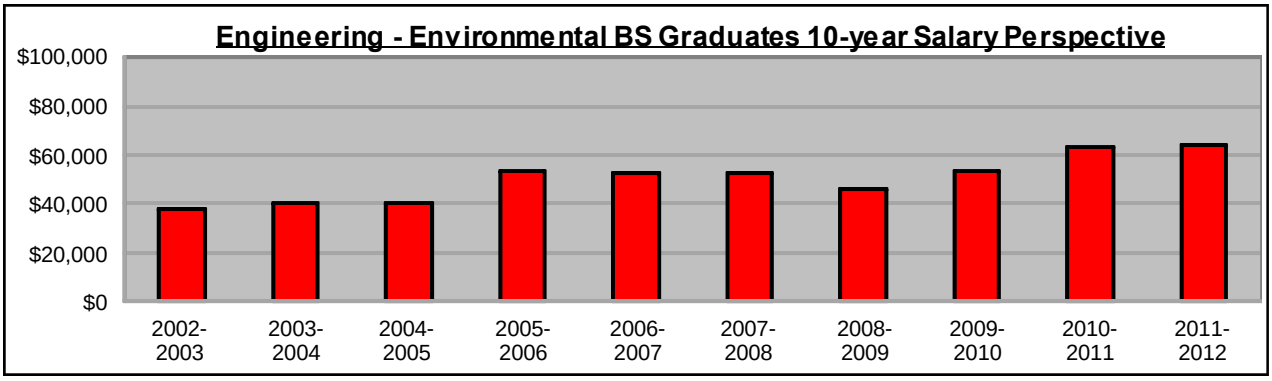


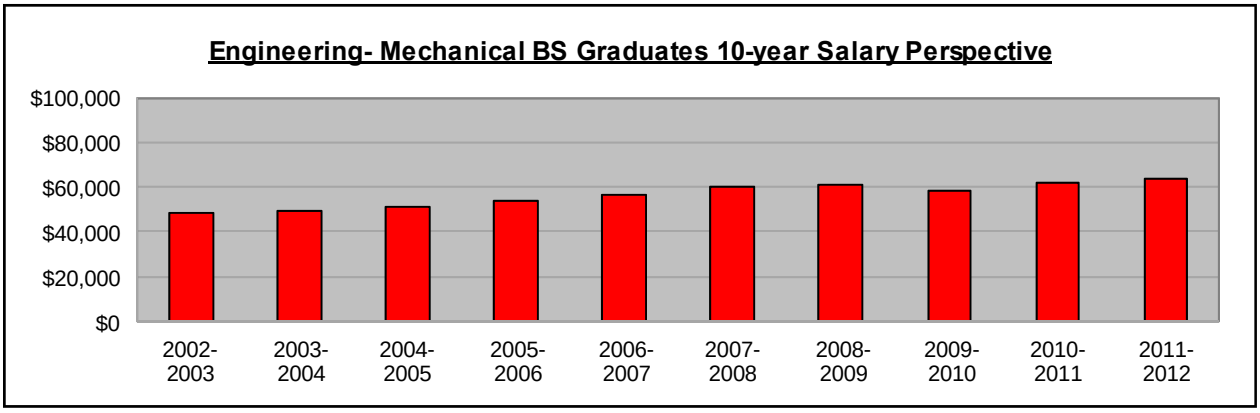


Engineering Division BS Salary Perspective

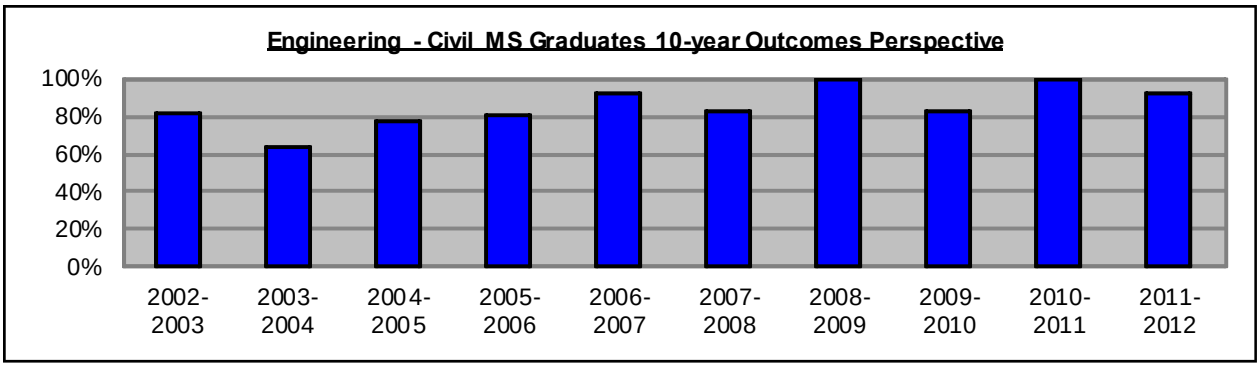


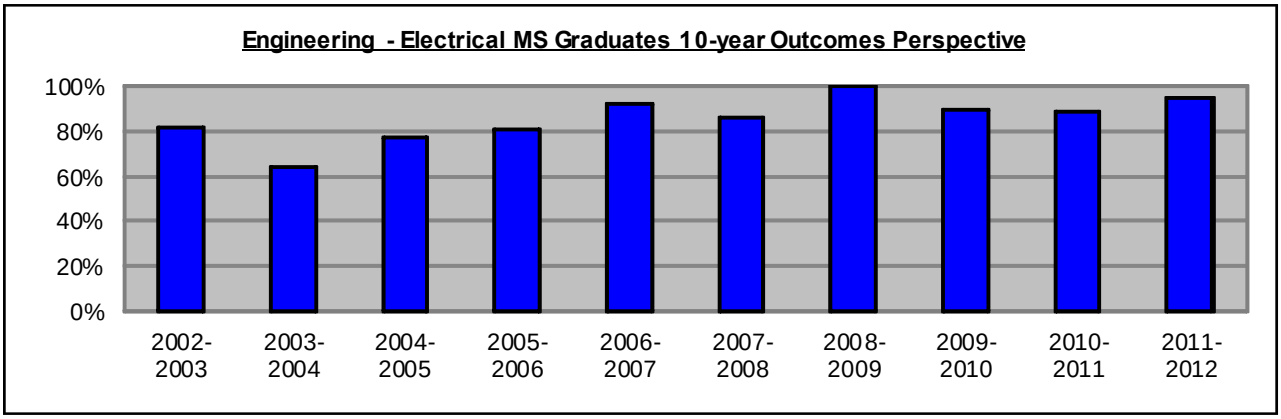


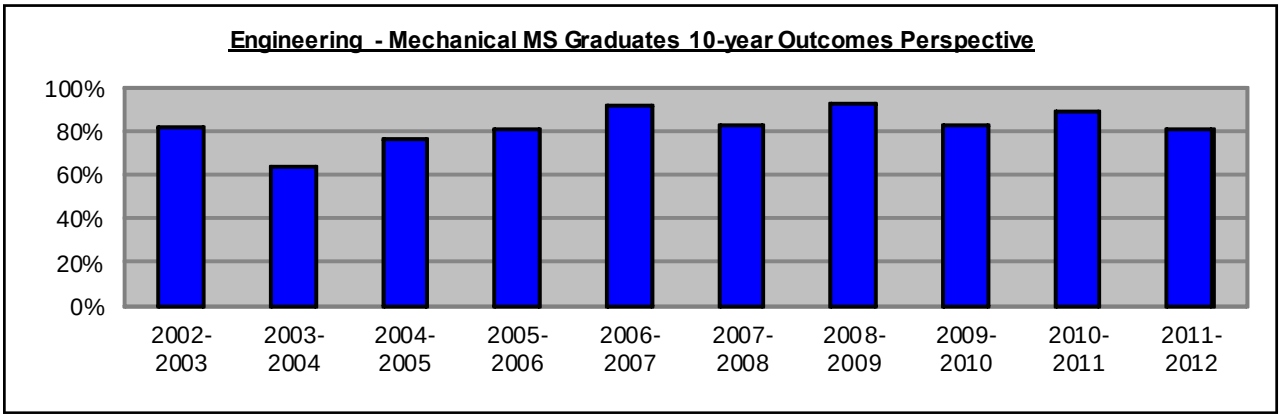


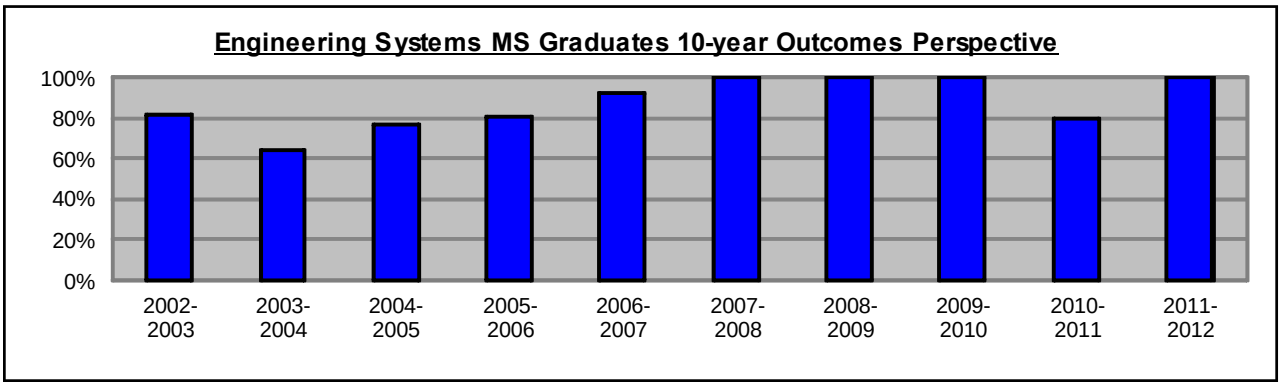


Engineering Division MS/PhD Outcomes Perspective



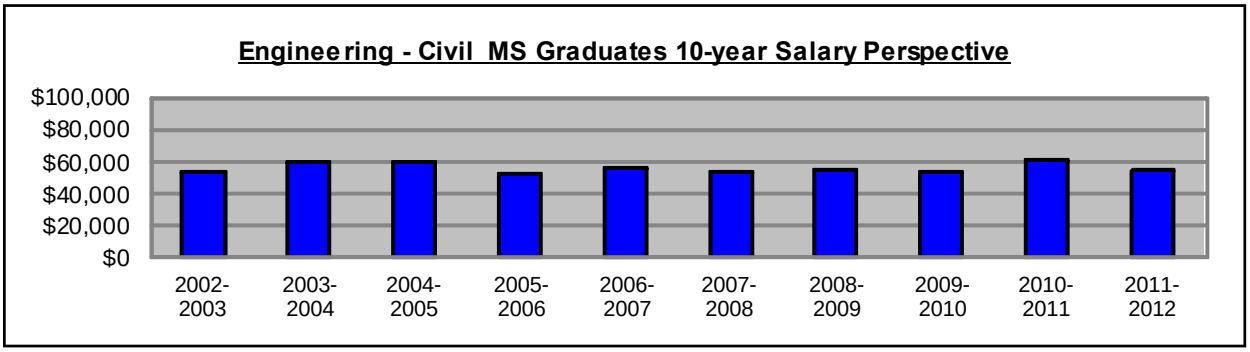


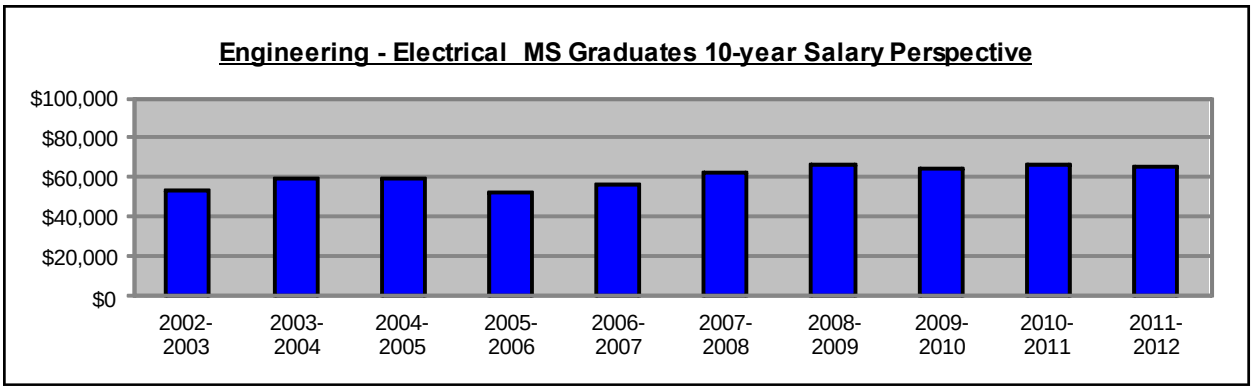


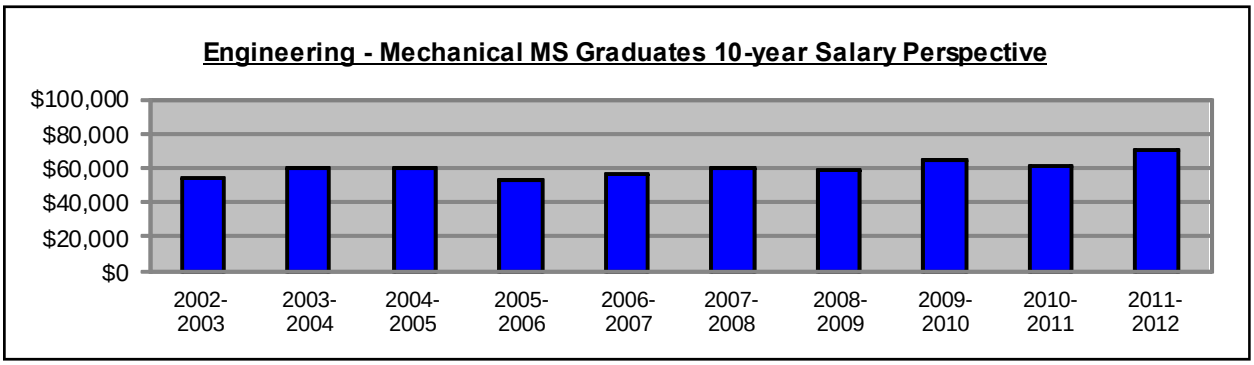


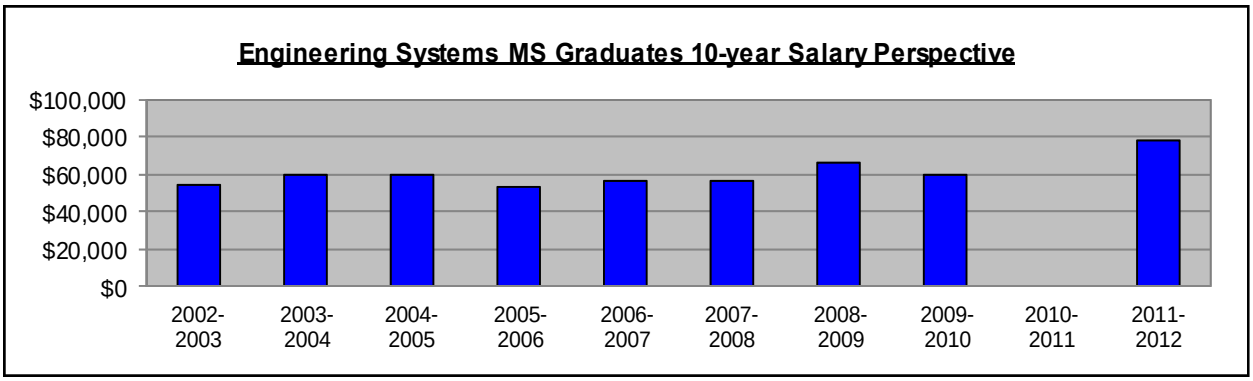
Engineering Division MS/PhD Salary Perspective

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









Internships for Engineering Division Students

The 2011-2012 graduates in this department reported completing internships at the following organizations while at CSM.

Civil Engineering		
Advanced Micro Devices	HDR	Rio Tinto
Ames Construction	Hensel Phelps	RTD
Anderson and Hastings Consulting	Independent Engineer	S.S. Dannaway Assosiates
Archer Western	Judlau Contracting	Schnabel
Atkinson	Kansas Department of Trans	Short Elliot Hendrickson
Barnard Construction	KDC Architects Engineers	Soil Machanics Lab Grader
Brierley Associates	Kiewit	SPACE/EMFI
CDOT	Lockheed Martin	Structural Consultants
CH2M Hill	McCarthey Eng Associates	Terracon Consultants
CH2M Hill Academy Services	Mead and Hunt	Topkins Builders
City of Commerce City	Merrick and Company	Tower Eng Professionals
City of Louisville	Meurer Research	Turner Construction
CoorsTek	Monk's Project Solutions	Urban Drainage Flood Control
CTL Thompson	Moser & Associates	URS Construction
Denver Water	National Interlock	V Structural (VSL)
E470	Oldcastle Materials	Van Horn Engineering
Engn Ministries International	Olson Engineering	Verret Group
Envirotech	Olsson Associates	Water Resource Consultants
FCI Constructors	Peabody Energy	Weaver Boos Consultants
Federal Highway Administration	Peter Kiewit and Sons	Western Eng and Research
FHWA	Petroleum Field Services	Zachry Engineering
Hayward Baker	Resource Engineering	Zancalla and Associates
Electrical Engineering		
ADA Technologies	Flatirons Solutions	NREL
Aegis Analytical	Gates Corp.	Pacific Northwest National Lab
Air Sciences	Hazen Research	Page 1 Solutions
ArcelorMittal	Holloway Pipe	Peabody Energy
Asius Technology	Honeywell	RMH Group
Black Hills Energy	IQNavigator	SAIC
Bureau of Land Rec	ITT Corporation	SARA
Burns & McDonnell	Judlau Construction	SEAKR Engineering
Carollo Engineering	Kellog, Brown & Root	Sierra Nevada
Caterpillar	Kennedy Electric	Stanley Consultants
CCRD	Kiewit Shore Services	Synkera Technologies
Chevron	Level 3 Commun	TC Electric
Covidien	Lockheed Martin	Toltek
EchoStar	Merrick & Company	Tri-State Government an
Exponential Engineering	Minnesota Power	Western Interstate Energy Brd
ExxonMobil	National Instruments	Xcel Energy
		Zonit Structured Solutions

Internships for Engineering Division Students, Cont'd

Environmental Engineering		
ADA Technologies	ConocoPhillips	MWH Global
Barrick Gold Corporation	DAAD	NREL
CH2M Hill	Golden Associates	ULA
Cliffs Natural Resources	Halliburton	Urban Drainage Flood Control
CO Public Health/Environment	Kiewit Mining Group	USDA Forest Service
Colorado River Engineering	LT Environment	

Mechanical Engineering		
3M SuperAbrasive Plant	Engineering Environmental Mgmt	QEP Resources
Abengoa Solar	Evraz Rocky Mountain Steel	Regenerative Sciences
ADA Technologies, Inc.	Fiberforge	Resource Engineering, Inc.
Air Sciences	FIND	Ricoh
Alio Industries	Gordon Composites	Sefe Inc.
Anadarko Petroleum Corp.	Halliburton	Sandoz
ArcelorMittal	Hazen Inc.	Schlumberger
ATK Aerospace Systems	HDR	Shell
Baker Concrete	HE&M Inc.	Smith Services
Baker Hughes	Hewlett Packard	StoneAge Tools
Ball Aerospace	Holloway Pipe	Sundyne Corp
Barrick Gold	Honeywell Aerospace	Takraf USA
Baxa Corp	Hydro Gate	Tanco Engineering
Bechtel National, Inc	Imerys	TC Electric
BP	Inogen	TE Connectivity
Campos EPC	Judlau Construction	Trelleborg Sealing Solutions
Caterpillar Inc.	Lamar Light & Power	Tunnel Radio of America
CDOT	LASP	Turner Construction
Chevron	Lockheed Martin	United Launch Alliance
Colorado Fuel Cell Center	Los Alamos National Laboratory	URS Corporation
Colorado School of Mines	Medical College of Wisconsin	VanDyne SuperTurbo
ConMed Electrosurg	Merrick & Company	Veritech Consulting Engineering
CoorsTek Armor	National Interlock	Vestas
Covidien	NIST	Water Resource Consultants, LLC
CSM Biomechanics Group	NREL	Weatherford Intl
CSM Capitol Planning	Orica USA	Weber Metals
Delphi Medical Systems	Occidental	Western Area Power
Denver Water	Paterson & Cooke	WPX Energy
Dril-Quip Inc.	Peabody Energy	Xcel Energy
E470 Highway Authority	Penmont Mining	XTO Energy
EDI	PING Golf	Zachry
Encana	Polystrand	Zancanella and Associates
		Zolo Tech

Other internship opportunities for this department appeared in DiggerNet during the 2011-2012 year, including:

Adaptive Innovations	Comcast Corporation	Group 14 Engineering
AE2S	Community Power Corporation	Gyrodata Incorporated
Aera Energy LLC	Complete Structural Systems	Helix Energy Solutions Group
Agilent Technologies	Congressional Budget Office	Hess Corporation
Air Comm Corporation	Consilium Partners LLC	HID Global
AirCell, Inc.	Crescent Point Energy U.S. Corp	HollyFrontier Corporation
AMD	Dakota Gasification Company	Hydro Gate LLC
Arcadis	DataLogix	Ingersoll Rand
Arch Coal Inc.	DataTraks	Intelligent Software Solutions
Arrow Electronics	Denbury Resources	IntelliProp Inc.
Asarco LLC	Denver Energy Group, LLC	ITT Exelis, SENSOR Program
Ascent Solar Technologies, Inc.	Devon Energy Corporation	J.R. Simplot Company
Audubon Cimation Engineering	Disney Worldwide Services	Jacobs
Avow Systems, Inc.	Dow Chemical Company	James Engineering
BD Diagnostics (Becton Dickinson)	Dyno Nobel Inc.	Jefferson County Government
Berry Petroleum Company	E2 Power Systems, Inc.	Karcher North America
BGC Engineering	EarthLED	Kimley Horn and Associates
BHP Billiton Petroleum	Eaton Corporation	Kinross Gold Corporation
Biomedical Device Consultants	Ellwood Group, Inc. (EGI)	Leppert Associates
Bishop-Brogden Associates	EMC	Lexmark International
Black & Veatch	Empowered Solutions Group	Logan Aluminum
Blackeagle Energy Services	Encana Oil & Gas (USA) Inc.	Managed Pressure Operations
Bluware	Energy Efficiency Business Coalit	Marathon Oil Company
Boecore, Inc.	Energy Future Holdings	Masten Space Systems
Boeing Company	Enerplus Resources USA	McKesson Provider Technologies
Cable Television Laboratories	EOG Resources, Inc.	M-E Engineers, Inc.
Calfrac Well Services	EP Energy (formerly El Paso Corp)	Merkle Inc.
California Steel Industries, Inc.	Flatiron Corporation	Metro Wastewater Recla District
Canoe Ventures	Fluor	MillerCoors
Cemex	FMC Technologies, Inc.	Multiphase Solutions Kenny
Chesapeake Energy Corporation	Fortitude Skis	Multivision Inc.
Chevron Phillips Chemical	Freeport McMoRan Copper & Gold	NASA -Undergrad Research
Children's Hospital Colorado	Garmin International	Nebraska Public Power District
Ciena Corporation	General Services Administration	Newfield Exploration
City of Centennial	Gerdau	Newmont Mining Corporation
City of Englewood	Golder Associates	Northwest Pipe
Colorado Springs Utilities	Groundwork Denver	Oasis Petroleum

Additional internship opportunities for this department appeared in DiggerNet during the 2011-2012 year, including:

PalmLing	SkyeTek, Inc.	Town of Superior
Patrick Engineering	Slaton Bros	Trane
Pioneer Natural Resources	Solar Turbines	Turner Construction
Plains Exploration & Production	Solvay Chemicals	Twin Oaks Computing, Inc.
Precision Castparts Corporation	Spatial Corporation	U.S. Department of Energy (DOE)
Puget Sound Naval Shipyard	Spectra Logic	U.S. Dept of Interior-Bureau of Rec
Quadna	Spinfusion	U.S. Department of Transportation
Rapaport	Stacy Machine & Tooling, Inc.	U.S. DOL: Mine Safety/Health
Raytheon Company	Staples	U.S. Steel Corporation (USS)
Recondo Technology	Starlight Consultants, LLC	Ulteig
Reglera LLC	Structural Integrity Associates	Unavco
Renewable Energy Systems	Stuart Batty Wood Turning	Unicircuit, Inc.
Research Management Consultants	Symmetricom	University Directories
Respec	Symplified	University of Texas at Austin
Return Path, Inc.	T. D. Williamson, Inc.	UQM Technologies
RezStream	Talisman Energy Inc.	US Air Force Civil Service Careers
Rocky Mountain Institute	Tata Consultancy Services	UsingMiles Inc.
RT Logic	Tenaris	USS-POSCO Industries
S.M. Stoller	The Conti Group	Valmont Industries, Inc.
Salesforce.com	The Doe Run Company	Valve and Filter Corporation
SandRidge Energy, Inc.	The ProConn Group / Engineering	Venoco, Inc.
Schmueser Gordon Meyer	The SI	Venytx, Inc.
Scientific Drilling Int'l	The Williams Companies	Verizon Wireless
Seagate	Tierra Group International	Virtual Consulting International
Severstal North America, Inc	Time Warner Cable	W. W. Wheeler and Associates, Inc.
Shimmick Construction Co.	Timken Company	Western Forge
Siemens Water Technology	Tmk Ipsco	Woodward, Inc.
Sierra Detention Systems	Toltec International Inc.	Xilinx

Environmental Science & Engineering Department Report

2011- 2012 Career Center Annual Report

The Environmental Science & Engineering Department Report for 2011-2012 includes the following information:

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

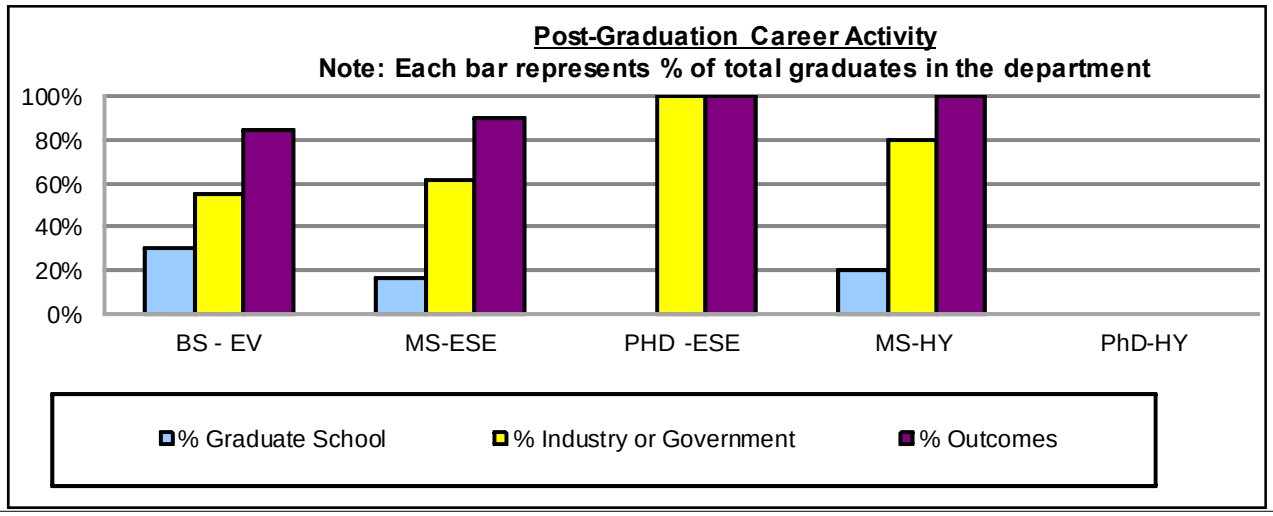
Environmental Science & Engineering Summary Data

	# Grads	Ind	Gov't	Mil	Grad Sch	Intern'l	Not Looking	**% Out-comes**	Seeking	* Average Salary Offer
BS - EV	20	11	0	0	6	0	0	**85%**	3	$64,024
MS - ESE	31	14	5	1	5	2	1	**90%**	3	$58,727
PhD- ESE	8	2	6	0	0	0	0	**100%**	0	$65,000
MS - HY	10	6	2	0	2	0	0	**100%**	0	$53,000
PhD—HY	0	0	0	0	0	0	0	**N/A**	0	N/A

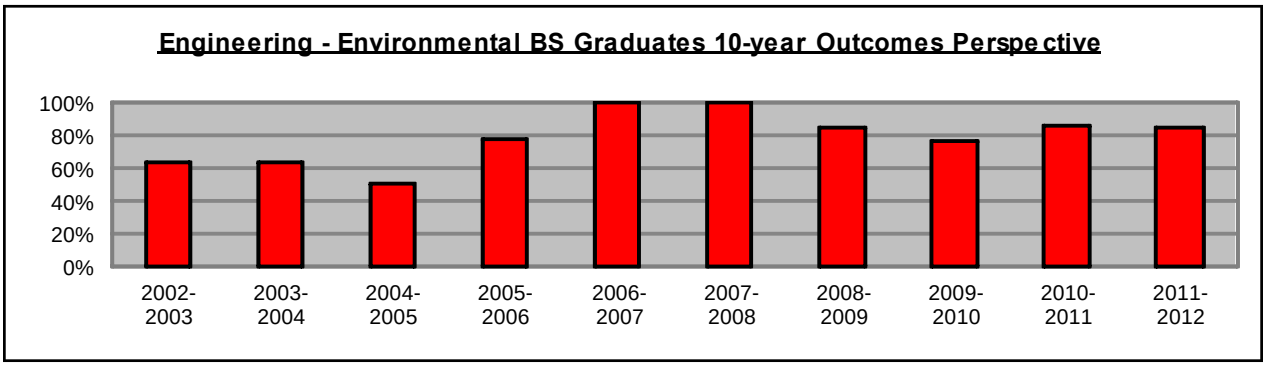
* N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

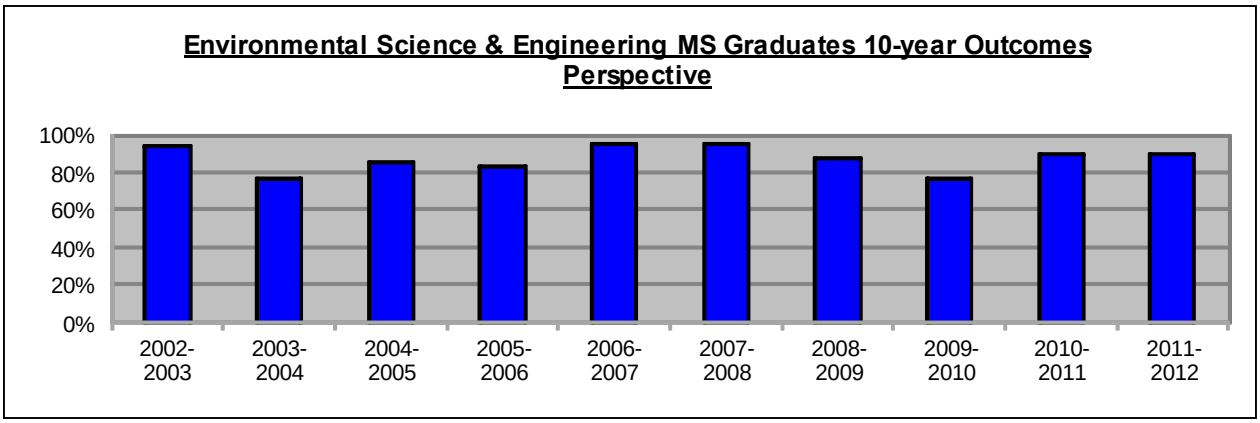
Outcomes Detail

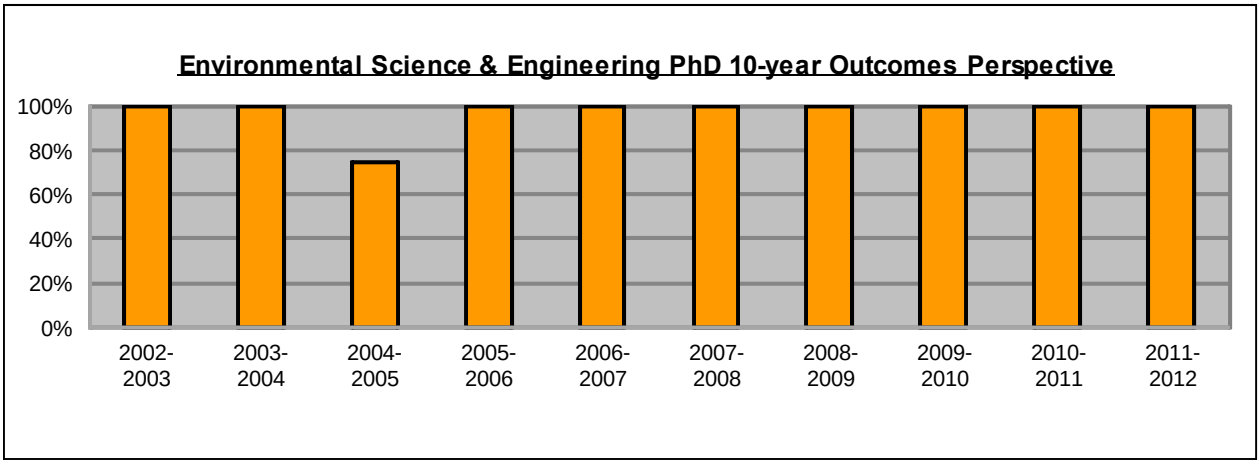
Detailed Breakdown	**Positions Accepted—Industry/Government Summary**						**Graduate School**	
	Consulting	Oil / Gas	Mining	Gov't Mil	Academia/ Research	Other	Mines	Other
BS - EV	3	3	2	0	0	3	5	1
MS - ESE	12	0	2	6	0	0	4	1
PhD- ESE	1	0	0	6	0	1	0	0
MS - HY	4	1	0	2	0	1	1	1
PhD—HY	0	0	0	0	0	0	0	0

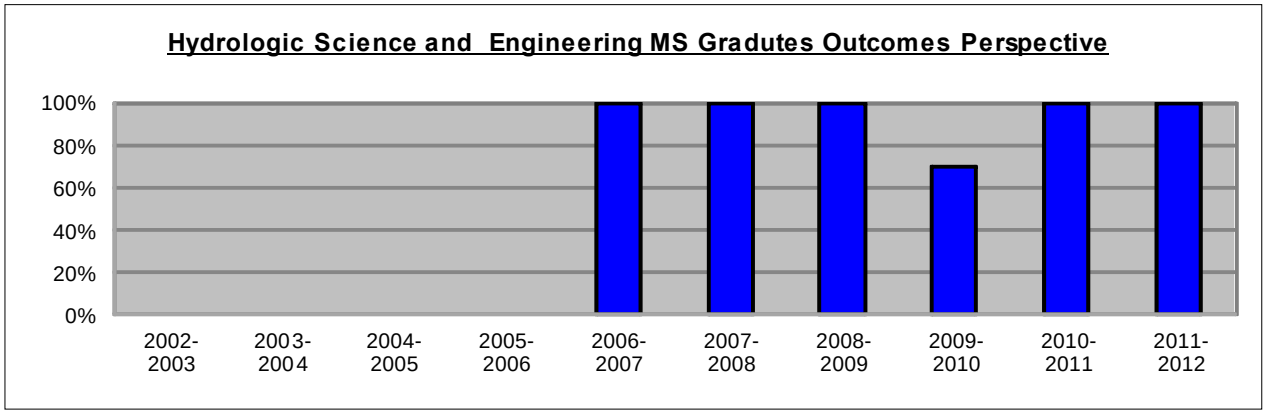


Environmental Science & Engineering Department Outcomes Perspective



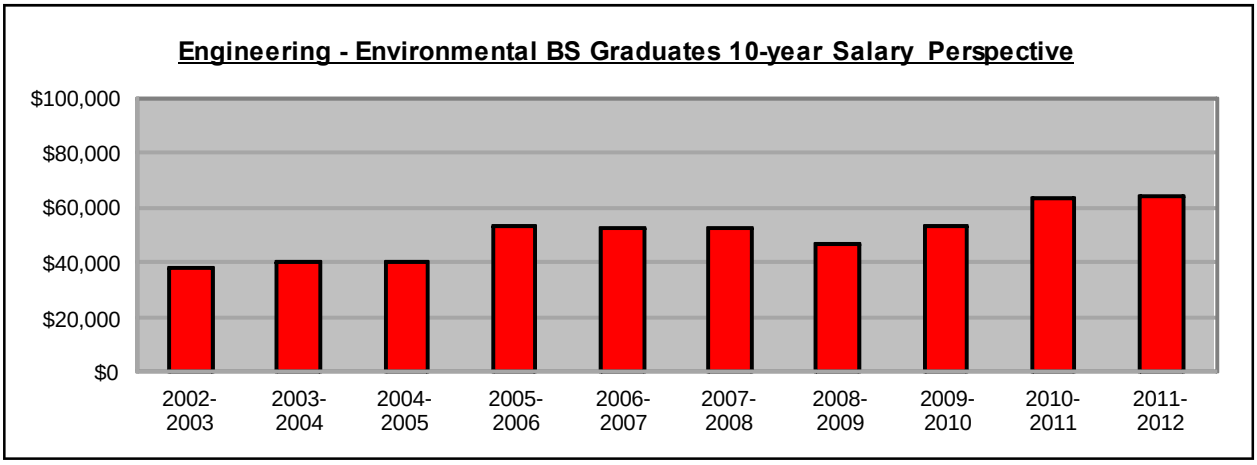


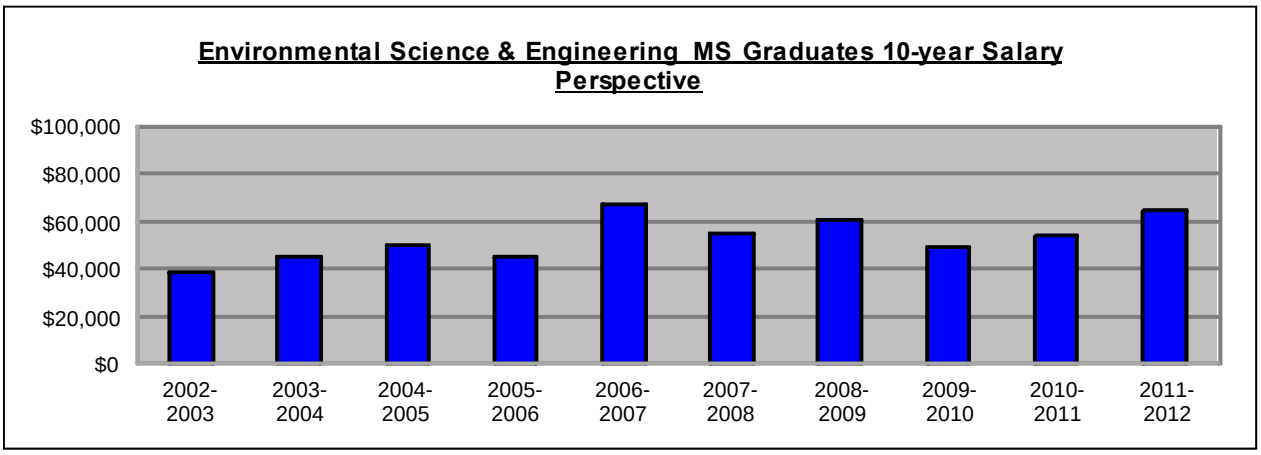


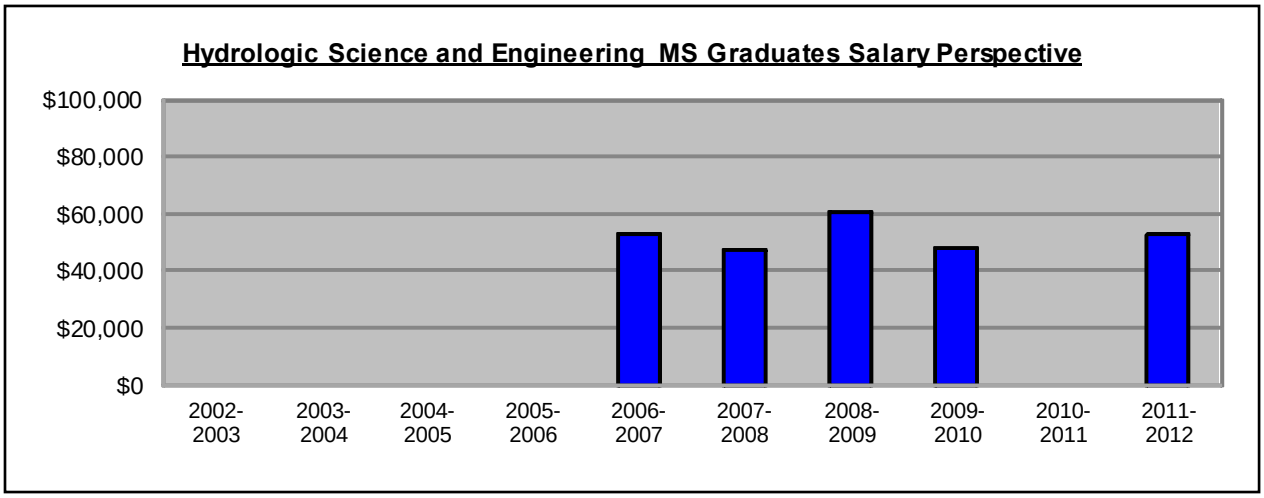


Environmental Science & Engineering Department Salary Perspective *

* If there is not enough historical salary data to be reliable for salary averages, graphs are not provided.







Internships for Environmental Science & Engineering Students

The 2011-2012 graduates in this department reported completing internships at the following organizations while at CSM

ADA Technologies	Halliburton	Sussman
Alphatrack	KEMWest	URS
Barrick Gold	Kiewit Mining Group	U.S. Bureau of Reclamation
Cliffs Natural Resources	MWH Global	U.S.D.A. Forest Service
CO Department of Public Health	National Jewish Health	U.S. EPA
Eagle Environmental Consulting	Pace Analytical Services	U.S. Office of Surface Mining
Golder Associates	Stan Clauson Assoc	Vector Engineering
Hale Paska & Associates	Sterling Design Association	Washington River Protection

Other internship opportunities for this major appeared in DiggerNet during the 2011-2012 academic year, including:

AE2S	Denbury Resources	Moser & Associates Engineering
Air Sciences Inc.	Encana Oil & Gas	National Renewable Energy Lab
AirCell, Inc.	Energy Efficiency Bus. Coalition	Newmont Mining Corporation
Anadarko Petroleum	Energy Future Holdings	Oasis Petroleum
Arcadis	Enerplus Resources USA	Peabody Energy
Arch Coal Inc	EP Energy (El Paso Corp)	Petroleum Field Services
ASARCO LLC	Evraz Pueblo	QEP Resources
AXPRO Research Group - Mines	ExxonMobil	Rapaport
Baker Hughes	Flatiron Corporation	Regional Transportation District
Berry Petroleum	Freeport McMoRan	Rio Tinto
BGC Engineering	Gerdau	S.M. Stoller
Bishop-Brogden Associates	Gerdau Special Steel	Schlumberger Technology
Black & Veatch (Corporate)	Groundwork Denver	The Doe Run
Burns & McDonnell	Gyrodata Incorporated	U.S. Department of Energy (DOE)
Calfrac Well Services Corp.	Imerys	U.S. Department of Transportation
City of Centennial	J.R. Simplot Company	U.S. DOL: Mine Safety/Health
City of Englewood	Kinross Gold Corporation	UNAVCO, Inc.
CO Department of Transportation	Leppert Associates	Urban Drainage & Flood Control
Consilium Partners	Metro Wastewater Reclamation	Western Area Power Admin

Geology & Geological Engineering Department Report

2011 - 2012 Career Center Annual Report

The Geology and Geological Engineering Department Report for 2011-2012 includes the following:

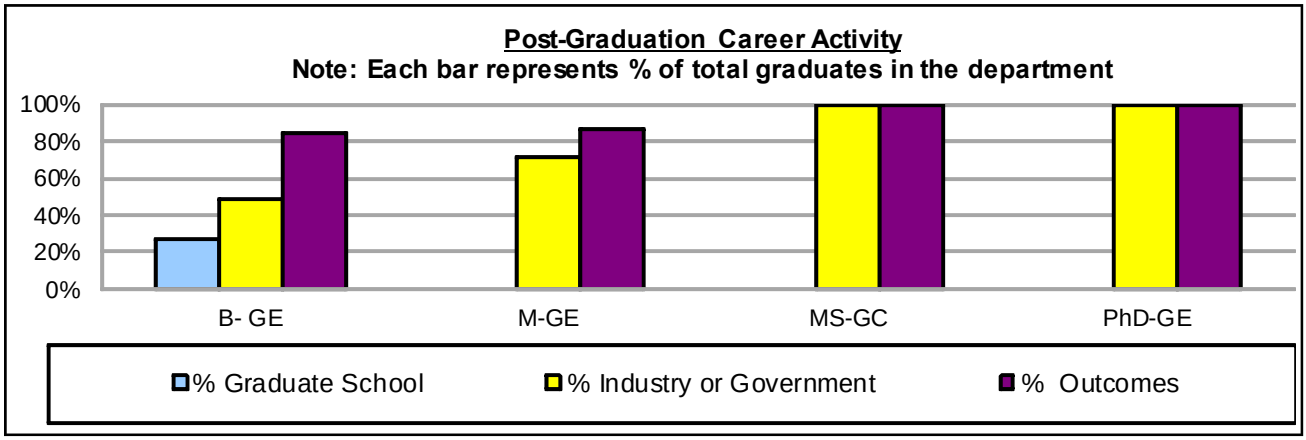
- Summary Data - Geology and Geological Engineering, Geochemistry, Hydrologic Science
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

Geology & Geological Engineering Summary Data

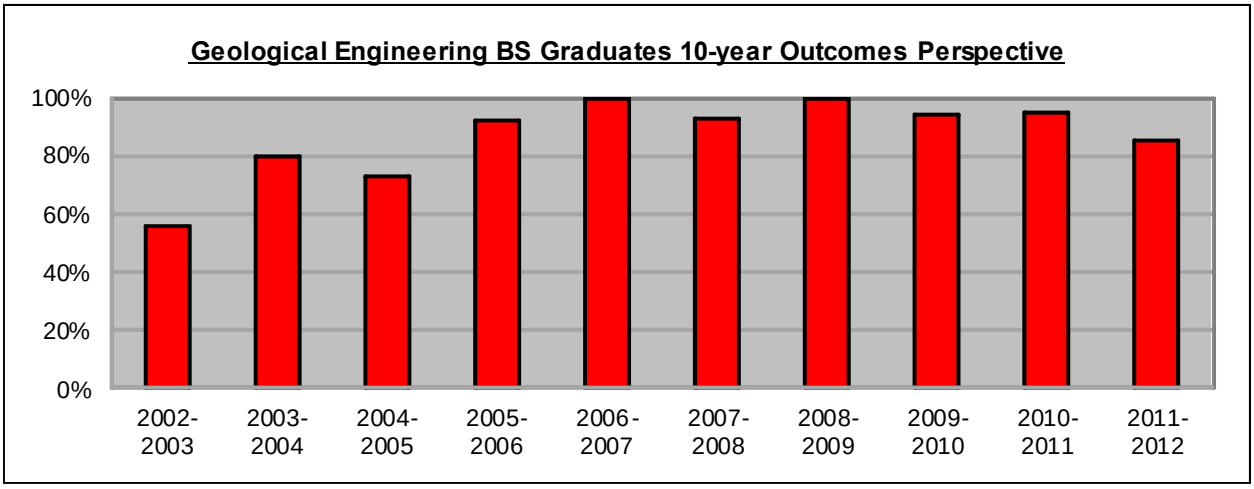
	# Grads	Ind	Gov't	Mil	Grad Sch	Intern'l	Not Looking	**Out-comes %**	Seeking	Average Salary Offer
BS-GE	33	16	0	0	9	0	3	**85%**	5	$56,370
MS-GE	31	22	0	0	0	4	1	**87%**	4	$89,121
MS-GC	2	2	0	0	0	0	0	**100%**	0	N/A
PhD-GE	3	1	2	0	0	0	0	**100%**	0	N/A
PhD-GC	0	0	0	0	0	0	0	**N/A**	0	N/A
MS - HY	10	6	2	0	2	0	0	**100%**	0	$53,000
PhD—HY	0	0	0	0	0	0	0	**N/A**	0	N/A

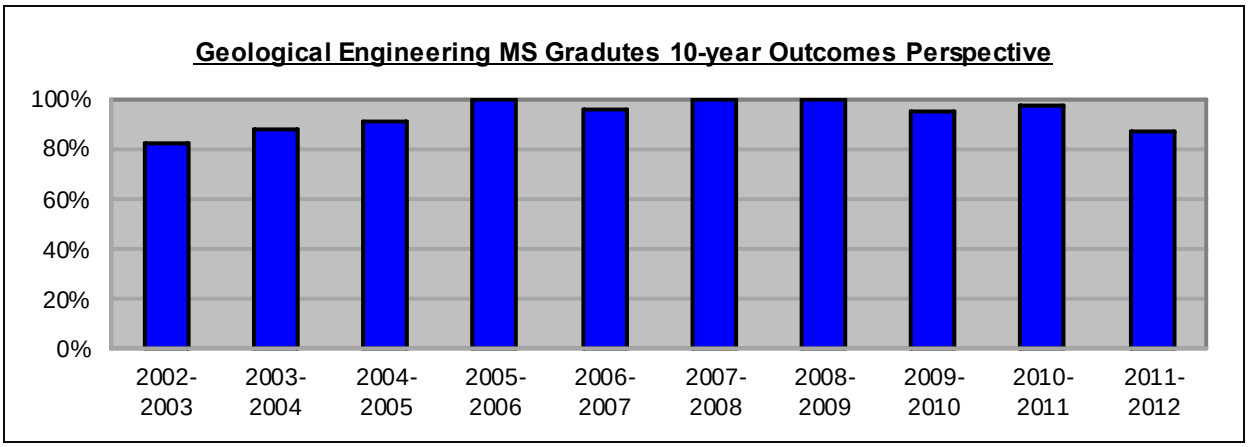
Outcomes Detail

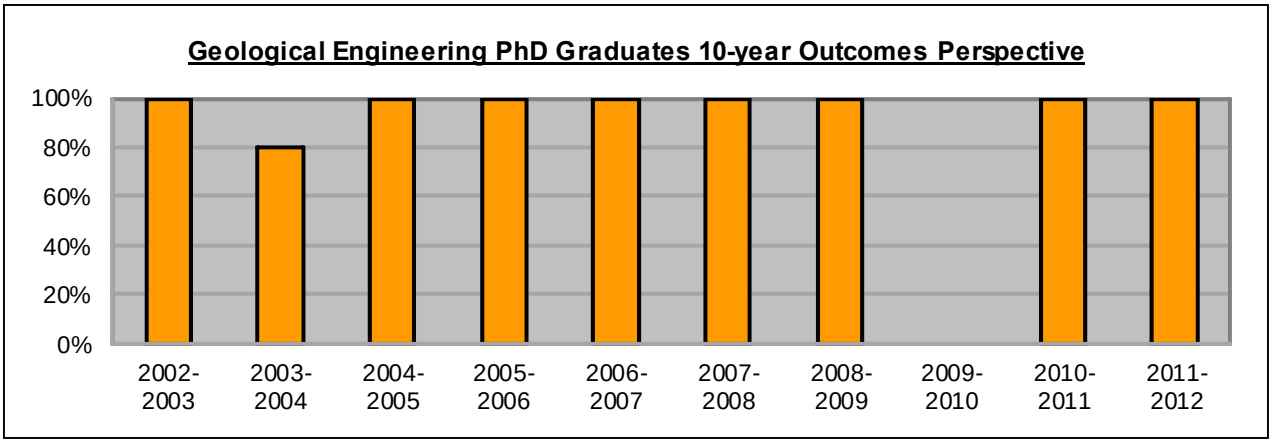
Detailed Breakdown	**Positions Accepted—Industry/Government Summary**						**Graduate School**	
	Consulting	Oil/Gas	Mining	Academia/ Research	Mfg.	Gov't	CSM	Other
BS-GE	9	3	4	0	0	0	3	6
MS-GE	4	12	6	0	0	0	0	0
MS-GC	1	0	0	0	1	0	0	0
PhD-GE	0	1	0	0	0	0	0	0
PhD-GC	0	0	0	0	0	0	0	0
MS - HY	4	1	0	2	0	1	1	1
PhD—HY	0	0	0	0	0	0	0	0



Geology & Geological Engineering Department Outcomes Perspective

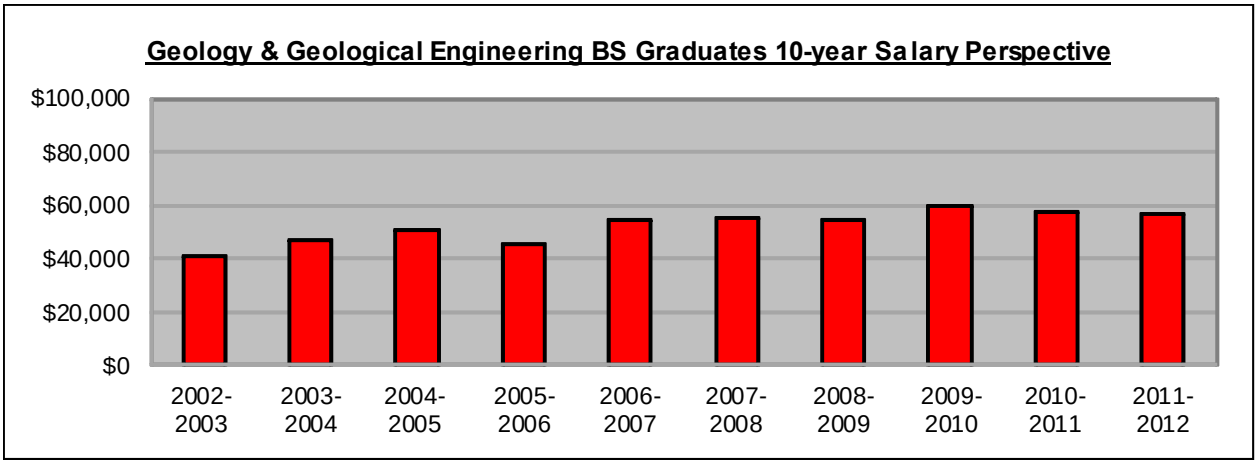


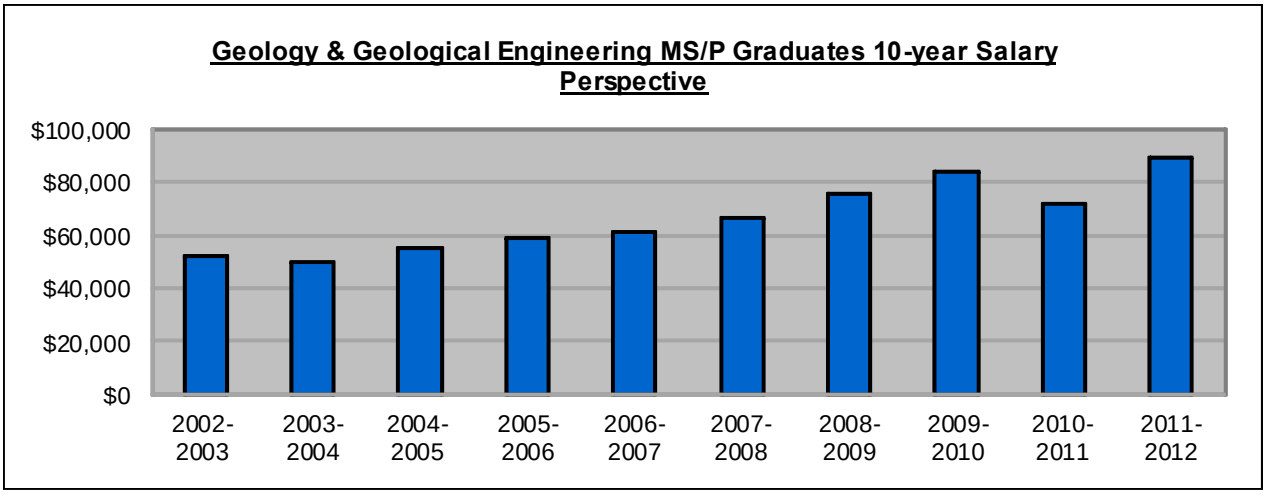




Geology & Geological Engineering Department Salary Perspective *

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





Internships for Geology & Geological Engineering Department Students

The 2011-2012 graduates in this department reported completing internships at the following organizations while at CSM.

Apache Corporation	Jefferson County Planning and Zoning
Army Corps of Engineers	KAL Exploration
Avanti	Lion Mountain Mining
Barrick Gold	Midwest Rockfall
BGC Engineering	National Renewable Energy Laboratory
BP	Newfield Exploration
BRS Engineering	Newmont
Colorado Department of Transportation	Occidental (OXY)
Chevron	PTTEP
City of Dodge City Engineering	Quadra FNX
Crosshair Exploration	Rinker Materials
Devon Energy	SM Energy
Encana	SolarFrameWorks
Evolving Gold	Terracon
ExxonMobil	Tetra Tech
Freeport McMoRan	Tico-Cava
Geological Engineering Department - Mines	Toreador
Gold Canyon Resources	University of Minnesota
Gold Fields Exploration	U.S. Geological Survey
Golder Associates	Venoco
Gunnison Energy Corporation	Vulcan
Halliburton	Whiting Petroleum

Other internship opportunities for this major appeared in DiggerNet during the 2011-2012 academic year, including:

Aera Energy	Consilium Partners	Kinross Gold Corporation
Anadarko	Crescent Point Energy	Leppert Associates
AngloGold Ashanti Cripple Creek	Crystal River Oil and Gas	LT Environmental
Arcadis	Energy Future Holdings	Marathon Oil Company
ASARCO	Enerplus Resources	Molycorp Minerals
Axpro - Mines Research Group	EOG Resources	Noble Energy
Baker Hughes	EP Energy (El Paso Corp)	QEP Resources, Inc.
BHP Billiton	Escalante Mines	Rapaport
Burns & McDonnell	Fidelity E&P	Rio Tinto
Calfrac Well Services	Gyrodata Incorporated	S.M. Stoller
Cimarex Energy	Hess Corporation	Schlumberger Technology
Cliffs Natural Resources	IHS Inc.	Statoil Gulf of Mexico
Concho Resources	Imerys	Talisman Energy
ConocoPhillips	Intermap Technologies	XTO Energy

Geophysics & Geophysical Engineering Department Report

2011 - 2012 Career Center Annual Report

The Geophysics & Geophysical Engineering Department Report for 2011 - 2012 includes the following:

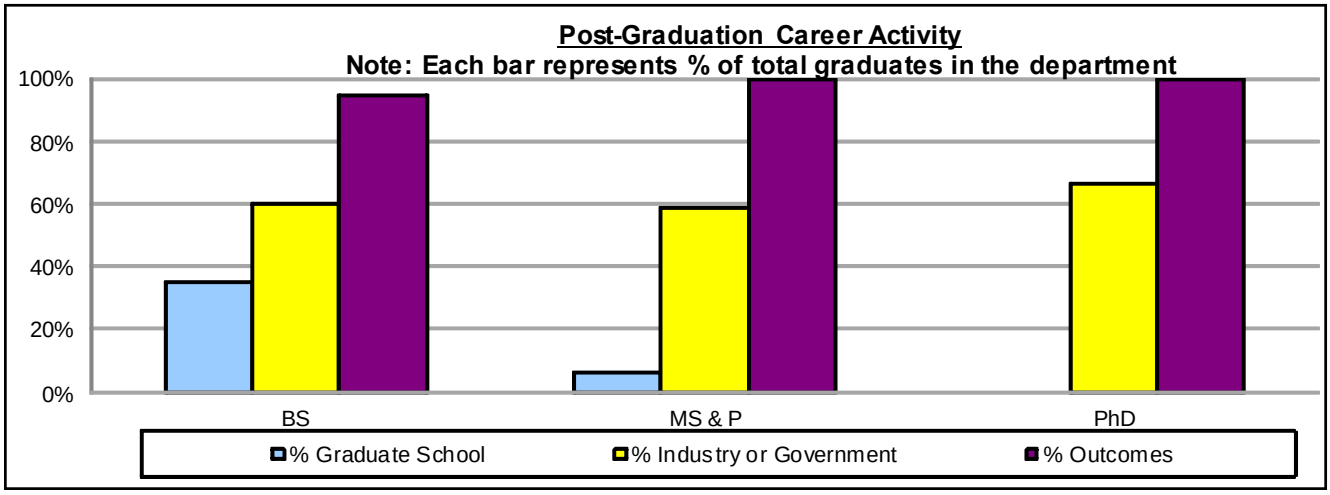
- Summary Data
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

Geophysics and Geophysical Engineering Summary Data

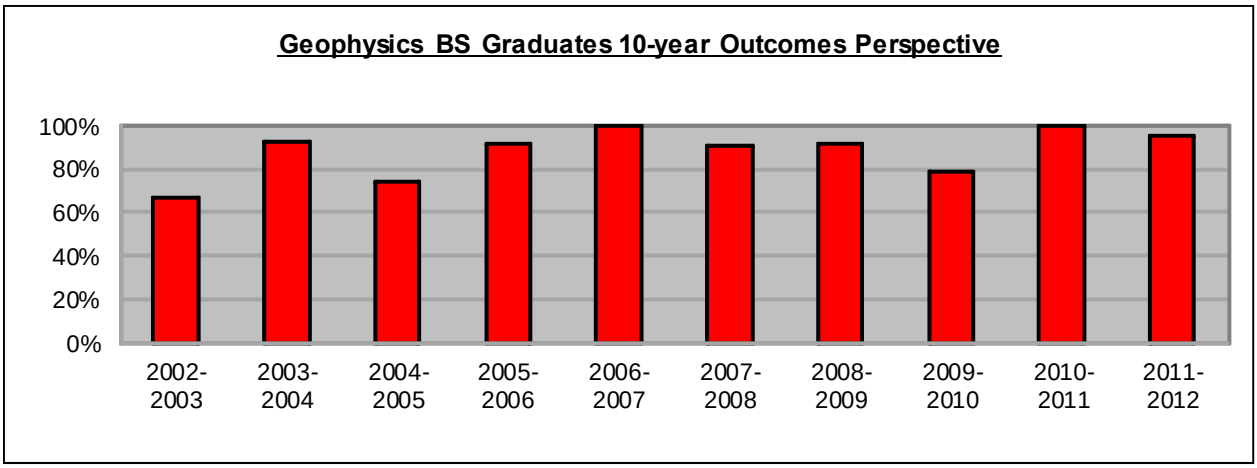
	# Grads	Ind	Gov't	Mil	Grad Sch	Intern'l	Not Looking	**Out-comes %**	Seeking	Average Salary Offer
BS-GP	20	11	1	0	7	0	0	**95%**	1	$68,281
MS-GP	17	9	1	0	1	6	0	**100%**	0	$90,636
PhD-GP	3	1	1	0	0	1	0	**100%**	0	N/A

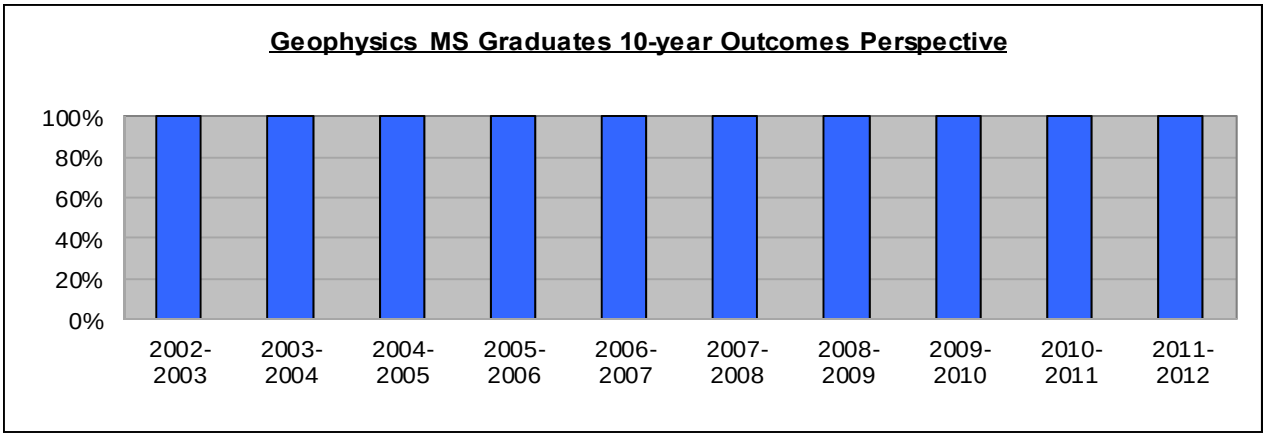
Outcomes Detail

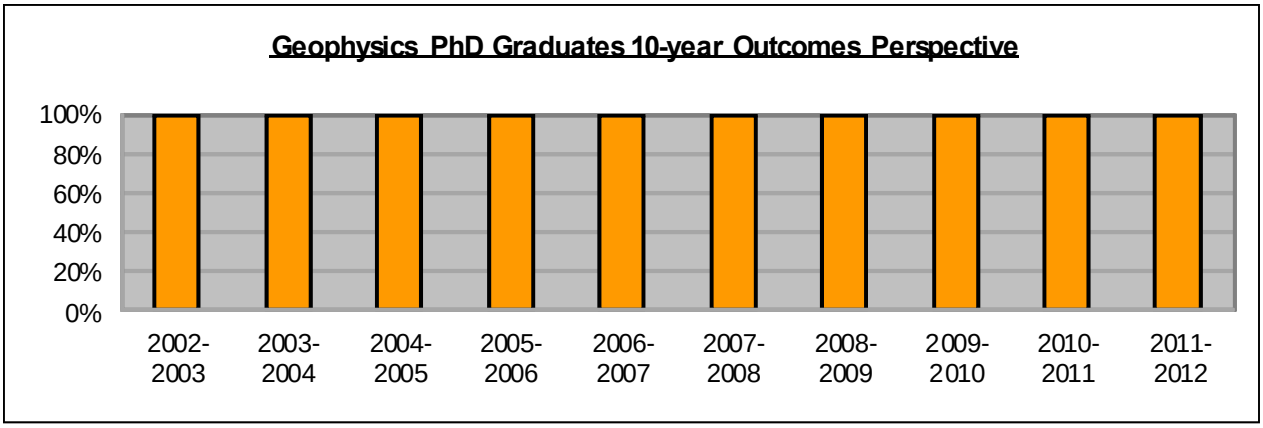
Detailed Breakdown	**Positions Accepted—Industry/Government Summary**						**Graduate School**	
	Oil/Gas	Engineering Consulting	Mining	Gov't	Academia/ Research	Other	CSM	Other
BS-GP	8	1	0	1	1	1	4	3
MS-GP	8	1	0	1	0	0	0	1
PhD-GP	0	0	0	1	0	1	0	0



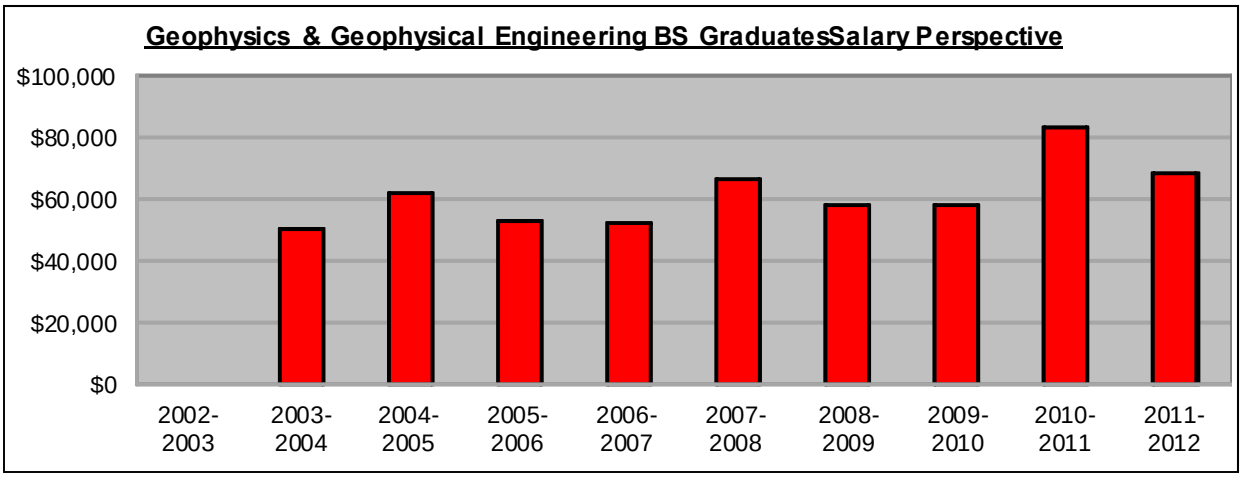
Geophysics & Geophysical Engineering Department Outcomes Perspective

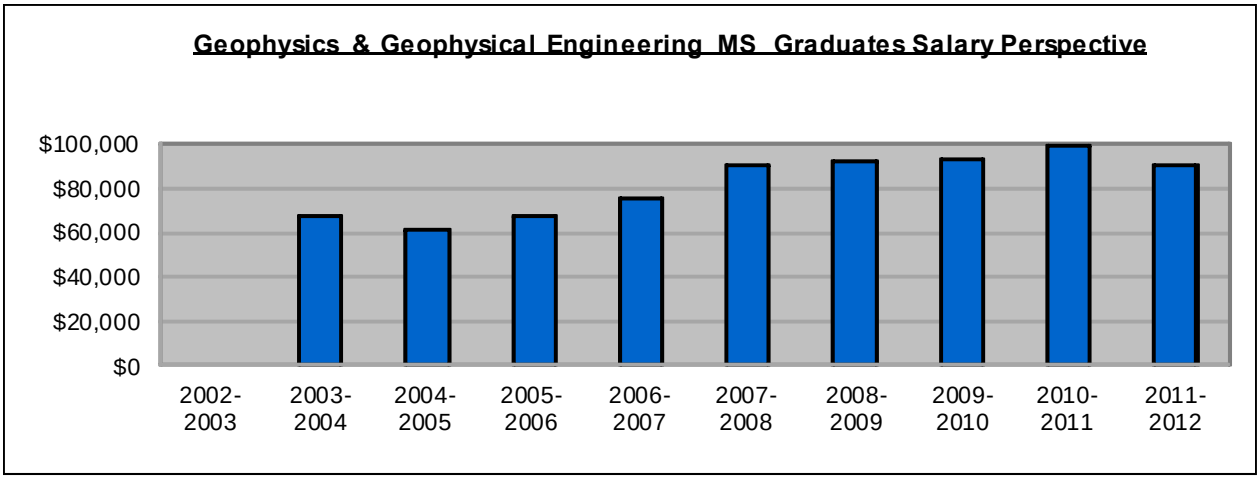


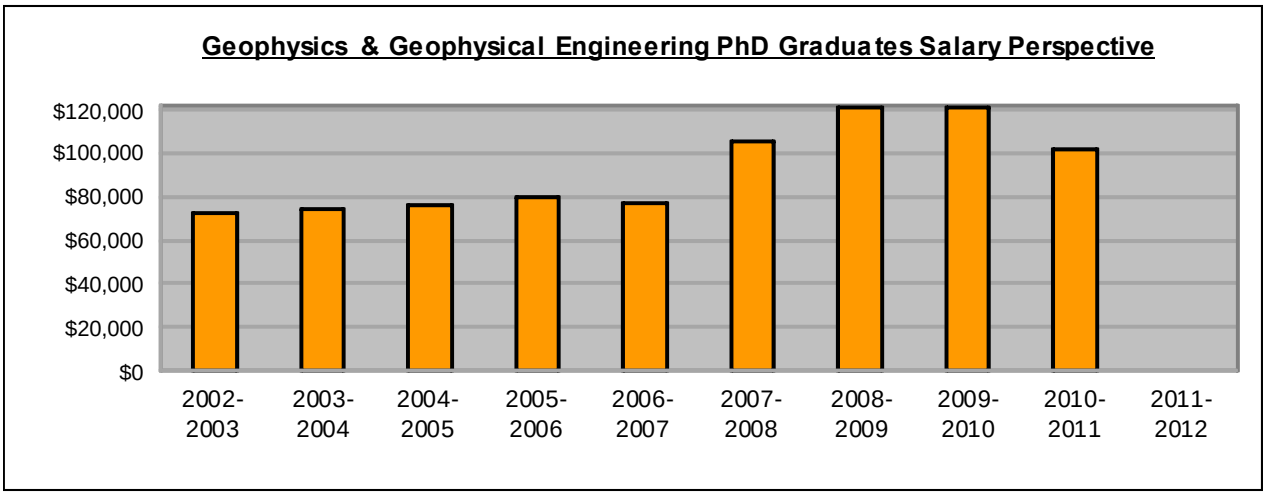




Geophysics & Geophysical Engineering Department Salary Perspective







Internships for Geophysics & Geophysical Engineering B.S. Students

The 2011-2012 graduates in this department reported completing internships at the following organizations while at Mines.

Apache Corporation	Global Geophysics	Microseismic
BP	Hess	Newmont
Center for Rock Abuse	IHS Inc.	Occidental (Oxy)
Cimarex	Landmark Graphics	Sigma3 Integrated Reservoir Solution
ConocoPhillips	LASP	Southwestern Energy
Dawson Geophysical	Maptek	Texas Oil & Gas
Denbury	Marathon Oil	U.S. Geological Survey
Geohaz		Venoco

Other internship opportunities appeared in DiggerNet for this major during the 2011-2012 academic year, including:

Anadarko	Devon Energy	Oasis Petroleum
Arch Coal	Enerplus Resources USA	Pioneer Natural Resources
ASARCO	EOG Resources	QEP Resources
AXPRO Research Group - Mines	EP Energy (El Paso Corp)	Rio Tinto
Baker Hughes	Escalante Mines, Inc.	Schlumberger Technology
Barrick Gold	ExxonMobil (Geosciences)	SM Energy
BHP Billiton Petroleum	Imerys Oilfield Minerals	Statoil Gulf of Mexico LLC
Calfrac Well Services	Jefferson County Government	Talisman Energy Inc.
Chevron Corporation	Leppert Associates	U.S. Dept. of Transportation
Cliffs Natural Resources	Molycorp	U.S. DOL: Mine Safety/Health
Concho Resources	NASA -Undergraduate Research	U.S. Geological Survey (USGS)
Consilium Partners LLC	National Renewable Energy Lab	University of Texas at Austin
Crescent Point Energy	Newfield Exploration	Venytx, Inc.
Crystal River Oil and Gas	Nexen Petroleum	Virtual Consulting International
	Noble Energy	

Hydrologic Science and Engineering Department Report

2011 - 2012 Career Center Annual Report

The Hydrologic Science & Engineering Department Report for 2011-2012 includes the following:

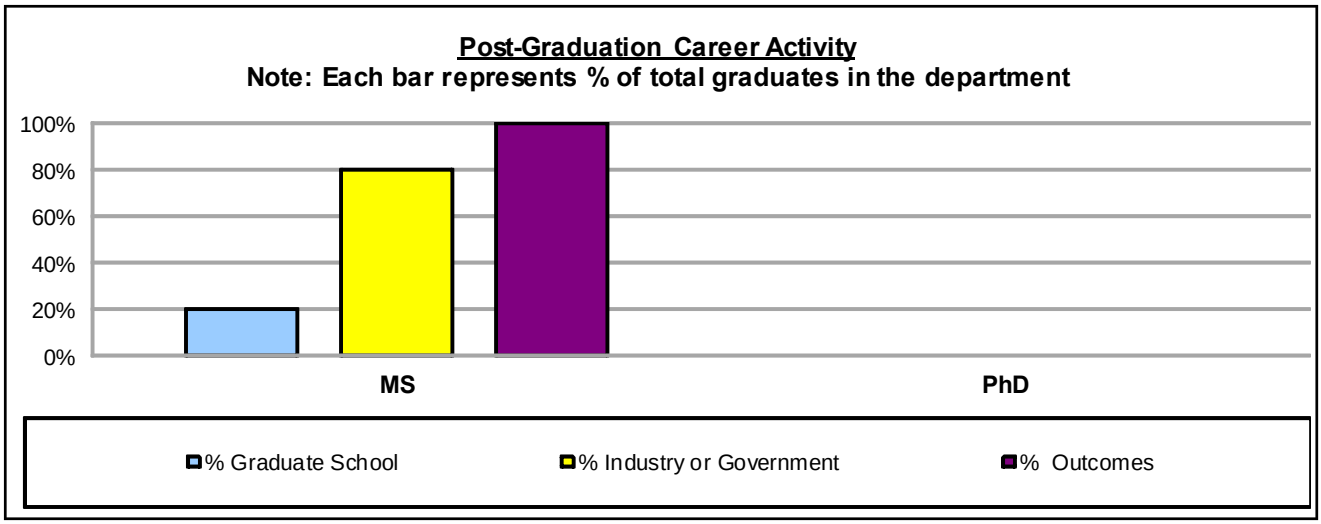
- Summary Data
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

Hydrologic Science and Engineering Summary Data

	# Grads	Ind	Gov't	Mil	Grad Sch	Intern'l	Not Looking	**Out-comes %**	Seeking	Average Salary Offer
MS - HY	10	6	2	0	2	0	0	**100%**	0	$53,000
PhD - HY	0	0	0	0	0	0	0	**N/A**	0	N/A

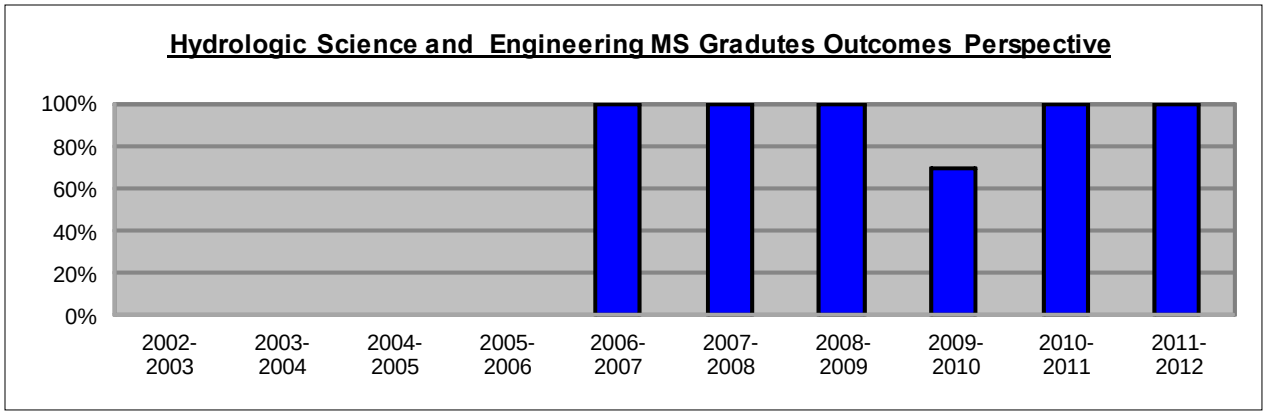
Outcomes Detail

Detailed Breakdown	**Positions Accepted—Industry/Government Summary**					**Graduate School**	
	Consulting	Gov't	Mining	Oil/Gas	Other	Mines	Other
MS - HY	4	2	1	1	1	1	1

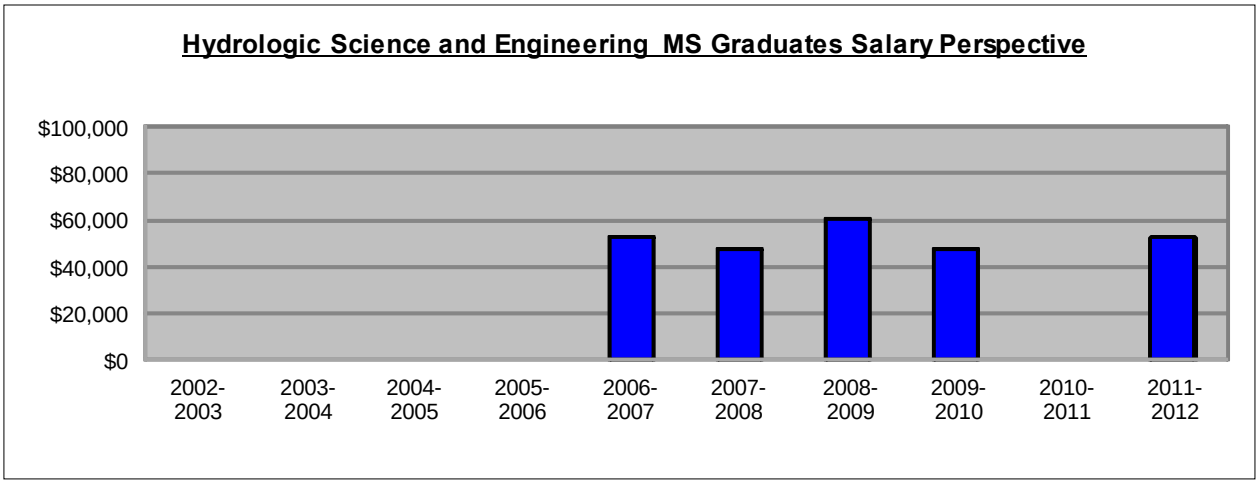


Hydrologic Science and Engineering Graduate Outcomes Perspective

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



Hydrologic Science and Engineering Graduate Salary Perspective



Internships for Hydrologic Science & Engineering Students

The 2011-2012 graduates in this department reported completing internships at the following organizations while at CSM.

Arcadis	Schlumberger
Engineering Analytics	U.S. Bureau of Reclamation
Leppert Environmental Consulting	U.S. Geologic Survey
Mines ESE Department - Faculty Research	U.S. Office of Surface Mining

Other internship opportunities in DiggerNet during the 2011-2012 academic year for this major included:

Barrick Gold	Evraz Pueblo
Bishop-Brogden Associates	Golder Associates
Burns & McDonnell	Kinross Gold Corporation
Calfrac Well Services	Rio Tinto
Cliffs Natural Resources	Venytx, Inc.
Consilium Partners LLC	Virtual Consulting International

Liberal Arts & International Studies Department Report

2011 - 2012 Career Center Annual Report

The Liberal Arts and International Studies Department Report for 2011-2012 includes the following:

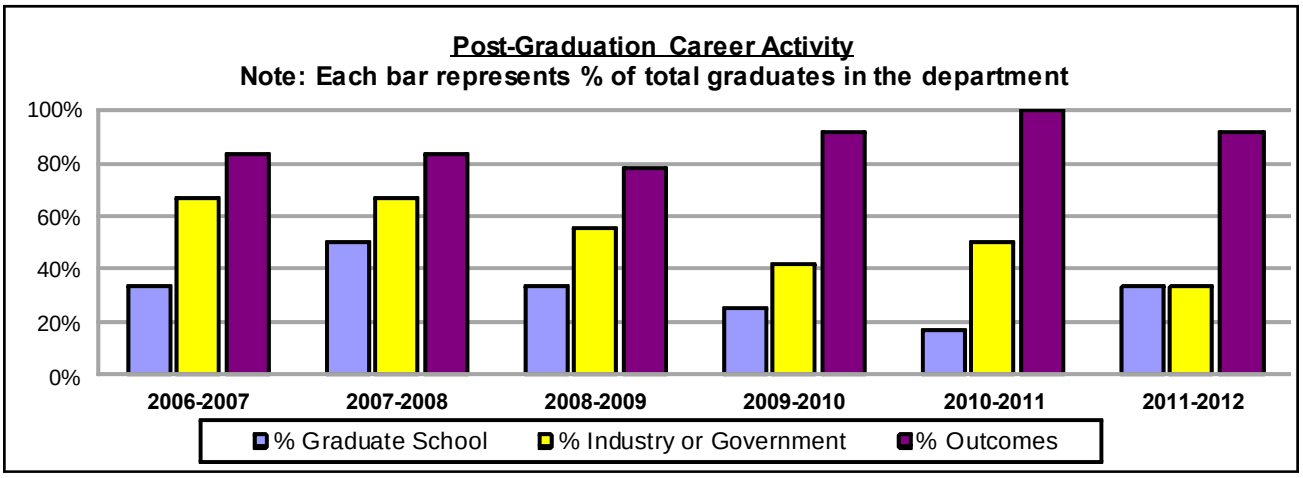
- Summary Data for Master's Program - International Political Economy of Resources (MIPER)
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

Master of International Political Economy of Resources Summary Data

	# Grads	Ind	Gov't	Mil	Grad Sch	Intern'l	Not Looking	**Out-comes %**	Seeking	Average Salary Offer
MIPER	12	4	0	0	4	1	2	**92%**	1	NA

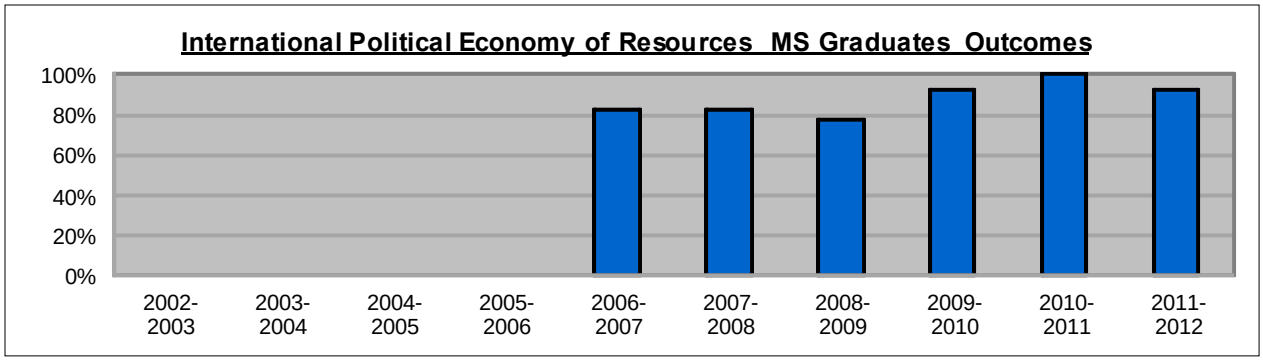
Outcomes Detail

Detailed Breakdown	**Positions Accepted—Industry/Government Summary**				**Graduate School**	
	Consulting	Academia / Research	Oil/Gas	Govt	CSM	Other
MIPER	2	1	1	0	1	3

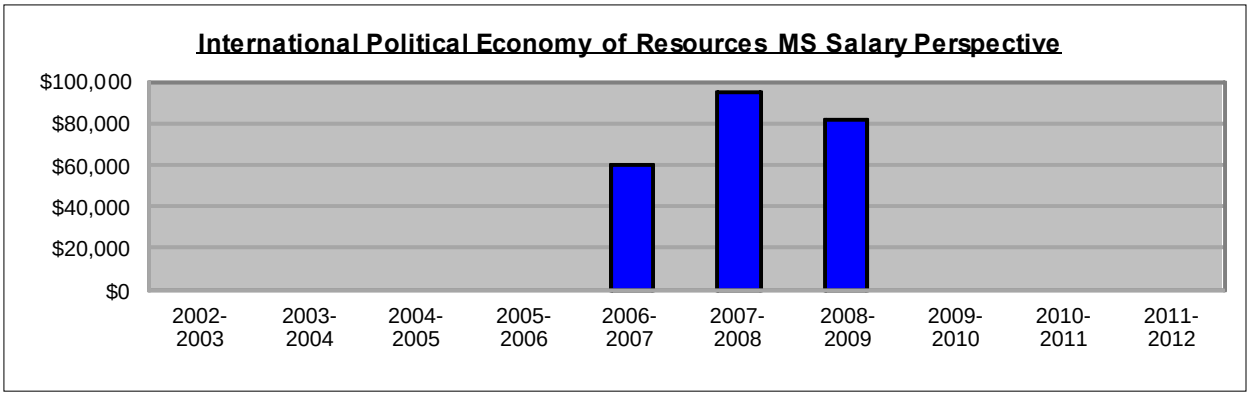


International Political Economy of Resources Graduate Outcomes Perspective

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



International Political Economy of Resources Graduate Salary Perspective



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

Internships for LAIS Department Students

The 2011- 2012 graduates in this department reported completing internships at the following organizations during their attendance at Colorado School of Mines.

Bentek Energy	Genetics Research
Envirochem	Orica Mining

Other internship opportunities for this major appeared in DiggerNet during the 2011-2012 academic year, including:

AXPRO Mines Research Group	National Renewable Energy Lab
Cliffs Natural Resources	Petroleum Field Services
Congressional Budget Office	Preferred Sands
DataLogix	Rapaport
Denver Energy Group	Rio Tinto
EPIC	Tetra Tech
Groundwork Denver	U.S. Department of Energy
IHS Inc.	Virtual Consulting International

Mathematical & Computer Sciences Department Report

2011 - 2012 Career Center Annual Report

The Mathematical & Computer Sciences Department Report for 2011-2012 includes the following information:

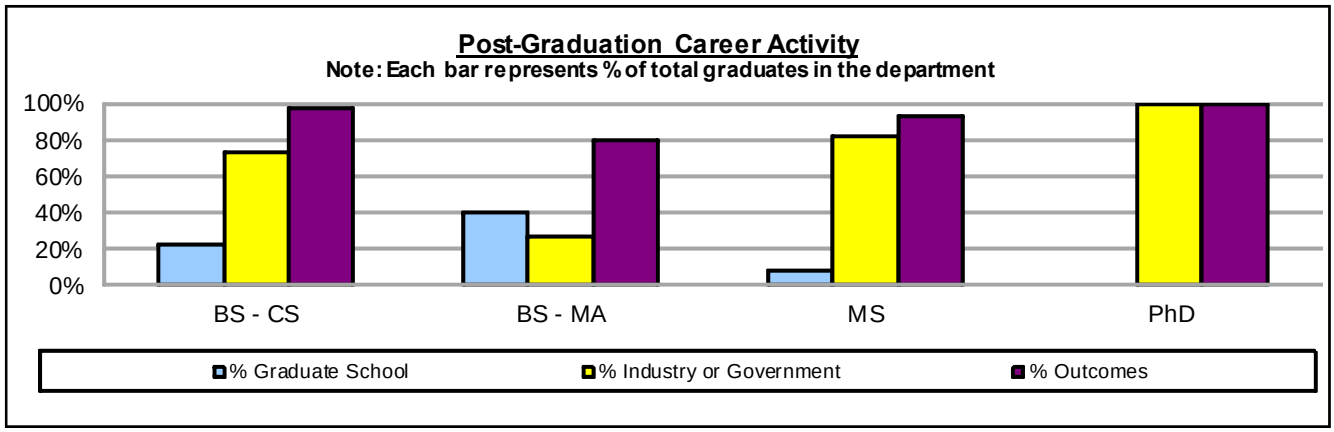
- Summary Data
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

Mathematical & Computer Sciences Summary Data

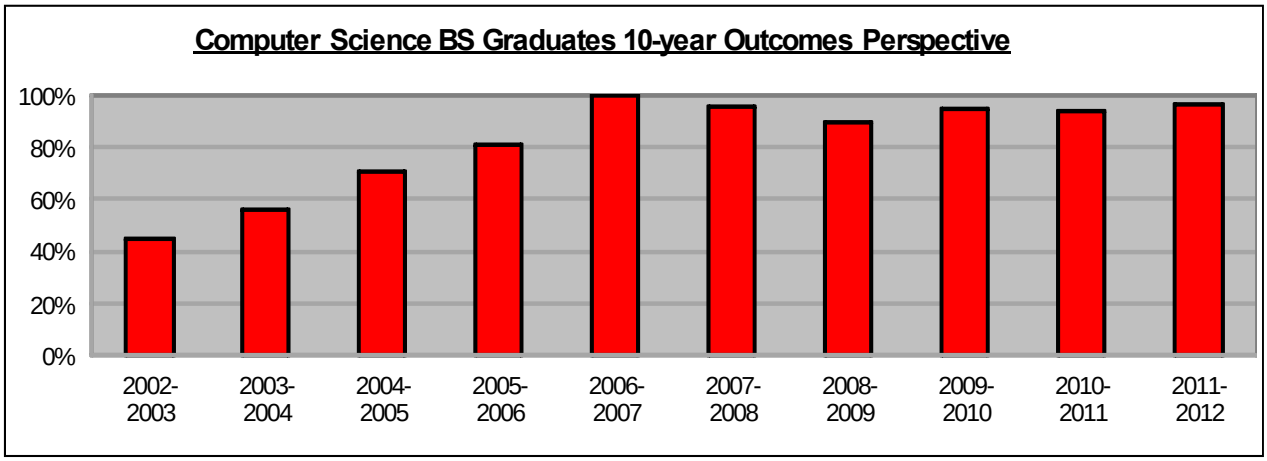
	# Grads	Ind	Gov't	Mil	Grad Sch	Intern'l	Not Looking	**Out-comes %**	Seeking	Average Salary Offer
BS - CS	37	27	0	0	8	0	1	97%	1	$60,967
BS - MA	15	4	0	1	6	0	1	80%	3	$57,605
MS-MACS	28	23	0	0	2	1	0	94%	2	$70,605
PhD-MACS	3	2	1	0	0	0	0	100%	0	N/A

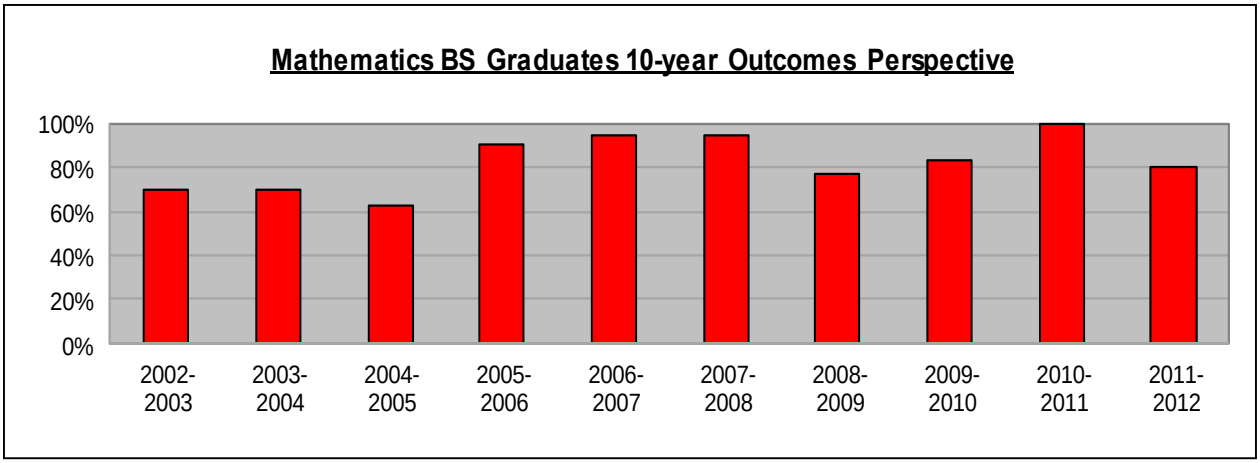
Outcomes Detail

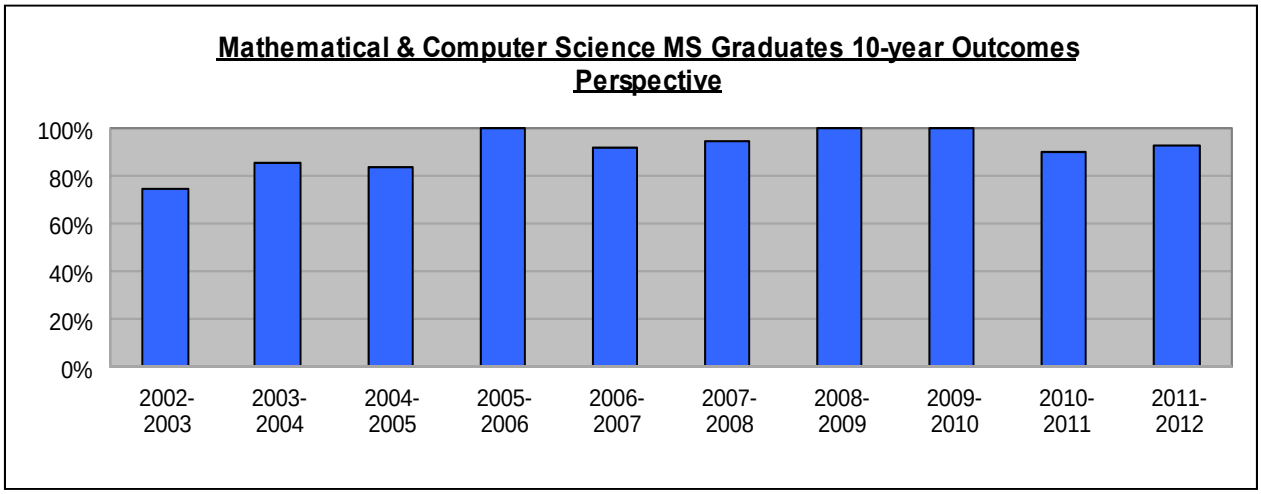
Detailed Break-down	**Positions Accepted—Industry/Government Summary**									**Graduate School**	
	Aerospace	Oil/Gas	Mining	Engineering Consulting	IT / Software / Electronics/ Telecom	Mfg	Gov't / Military	Academia/ Research	Other	CSM	Other
B - CS	1	1	0	1	23	0	0	0	1	8	0
B - MA	1	0	1	0	1	0	1	0	1	5	1
MS-MACS	2	0	0	2	15	0	0	0	4	1	1
PhD-MACS	0	0	0	0	0	1	1	9	1	0	0



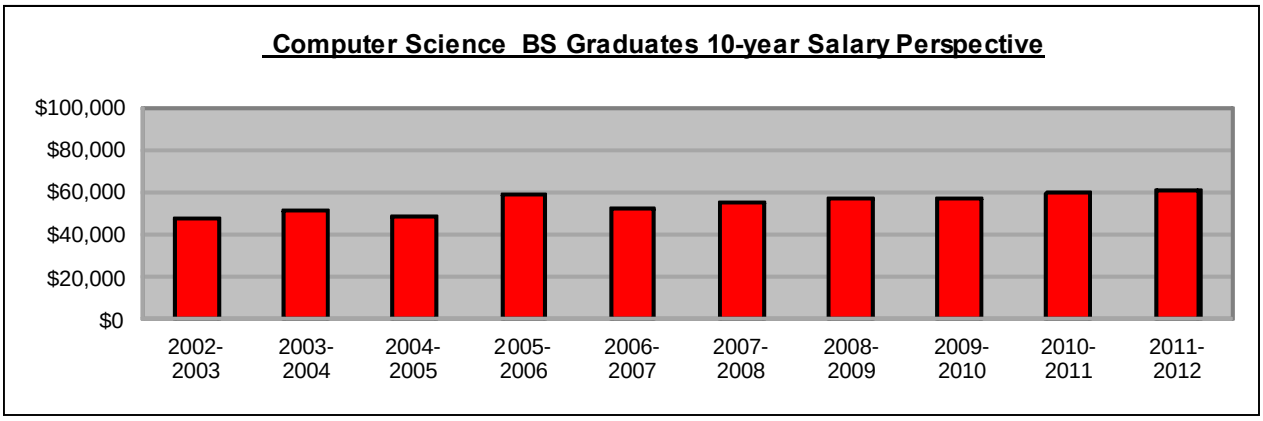
Mathematical & Computer Sciences Department Outcomes Perspective

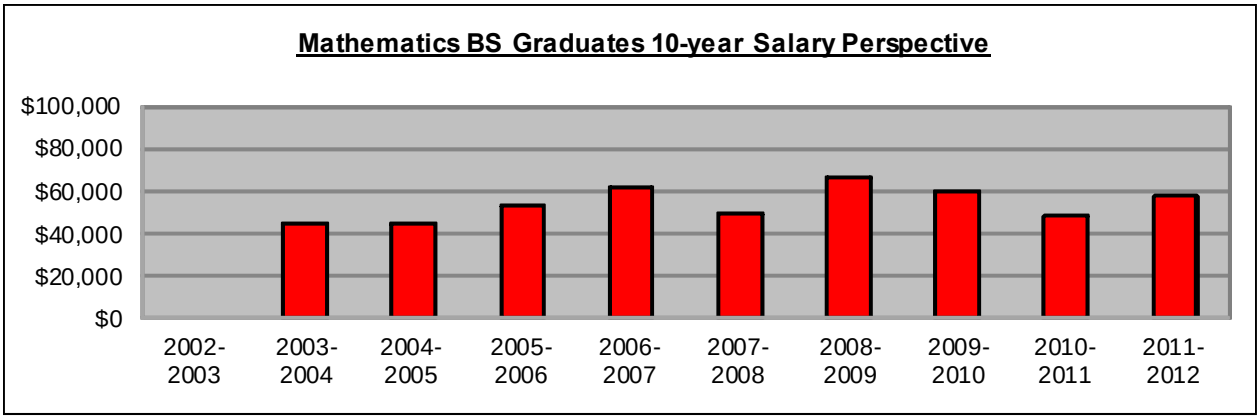


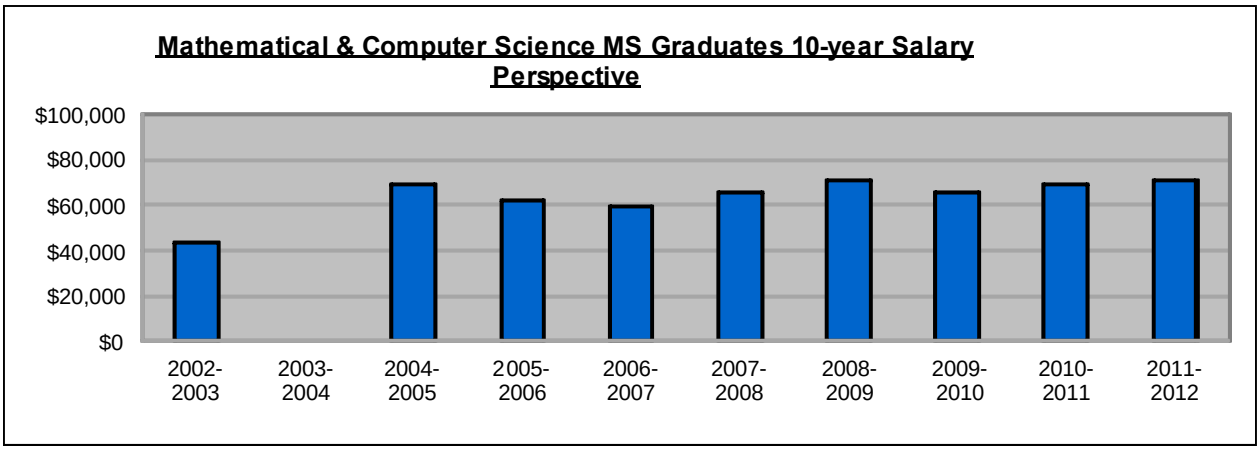




Mathematical & Computer Sciences Department Salary Perspective







2011-2012 was the first year for reliable separation of salary information for M.S Mathematical and Computer Science degrees, based upon the areas of specialization: Computer Science: $72,390 Mathematics: $65,250.

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

Internships for Mathematics and Computer Science Students

The 2011-2012 graduates in this department reported completing internships at the following organizations while at CSM.

AD Instruments	Fullcontact	ReadyTalk
Avaya	GK12	Recondo Technology
Avow Systems	Goodwill Industries	REU
Bair Software	Google	Ricoh
Bechtel	InfoPrint Solutions	Saint Gobain- Norpro
Bentek	LabJack	Scitor
Caltech Spitzer Science Center	LGS Innovations	Seet
CO Dept. of Transportation	Lockheed Martin	Sensor Solutions
Center for Bright Kids	Luca Technologies	Severstal North America
CodeFutures	Maptek	Silicon Mountain Tech
Coleman Natural Chicken	Mines Departments	SilverSalmon
Colorado Mountain Club	National Renewable Energy Lab	Sun Microsystems
Comcast	Newgrounds.com	Sundew
Dakota Legal Software	Newmont	Time Warner Cable
Dimension Technology Solutions	Northrop Grumman	Toilers Research Group
DREU Summer Research	Northwestern Mutual	Travelport
DTS	POSe-Link	United Launch Alliance
El Paso Pipeline	Prevalent Software	U.S. Geological Survey
Fast Enterprises	Rainmaker Tech	Using Miles
Flatirons Solutions	ReadWare	Vestas
Fowler Software		Visa

Other internship opportunities for this major appeared in DiggerNet during the 2011-2012 academic year, including:

Aegis Analytical	Canoe Ventures	Honeywell Technology
Agilent Technologies	Chevron Corporation	Masten Space Systems
Air Sciences	Ciena Corporation	McKesson Provider Technologies
AirCell	City of Centennial	M-E Engineers, Inc.
Amazon	Clearwater Analytics	MedKeeper
AMD	Comcast Corporation	Merkle Inc.
ArcelorMittal	Congressional Budget Office	Microsoft Corporation
Arrow Electronics	ConocoPhillips	PalmLing
Avaya	DataLogix	Pariveda Solutions
Aventura	Denver Energy Group	Raytheon Company
Baker Hughes	Distillery Solutions	Rocky Mountain Institute
Ball Aerospace	Ecocion, Inc.	Salesforce.com
BD Diagnostics	EMC	Schlumberger Technology
Bluware	Emma L. Bowen Foundation	SAIC
Boecore	Empowered Solutions Group	Seagate
Bracket Labs	Esri	SEAKR Engineering
BrightNest	Evaluator Group	Sierra Nevada
Burns & McDonnell	Galaxy Quotes	United Launch Alliance
Cable Television Laboratories	Garmin International	U.S. General Services Admin.

Metallurgical & Materials Engineering Department Report

2011 - 2012 Career Center Annual Report

The Metallurgical & Materials Engineering Department Report for 2011-2012 includes the following::

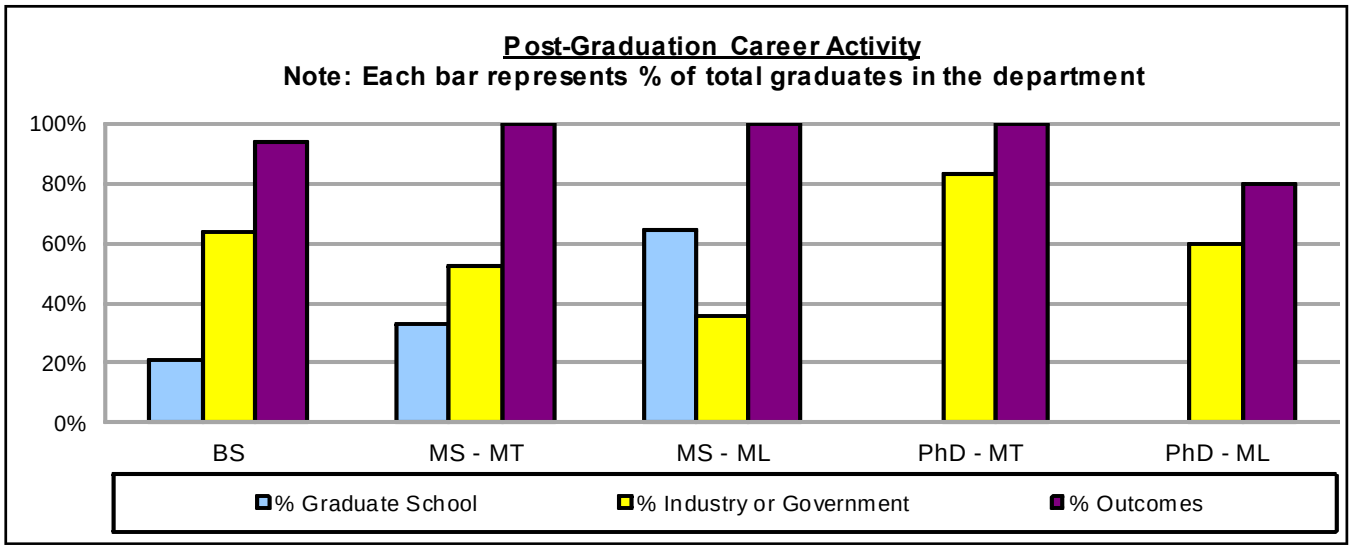
- Summary Data for Metallurgical and Materials Engineering and Materials Science
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Salary

Metallurgical Engineering & Materials Science Summary Data

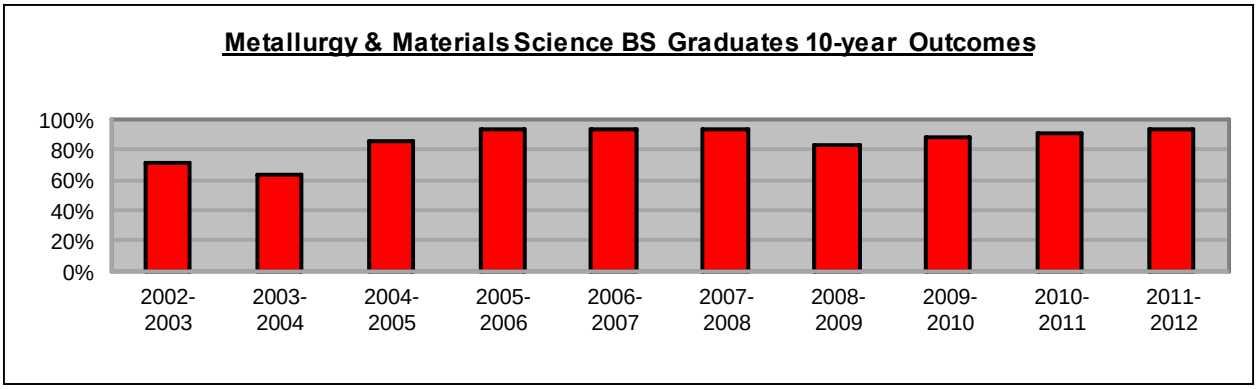
	# Grads	Ind	Gov't	Mil	Grad Sch	Intern'l	Not Looking	**Out-comes %**	Seeking	Average Salary Offer
BS	33	20	1	0	7	0	3	**94%**	2	$62,126
MS – Met Eng (MT)	21	11	0	0	7	3	0	100%	0	$74,889
MS – Mat Sci (ML)	14	4	1	0	9	0	0	100%	0	$68,755
PhD – Met Eng (MT)	6	4	1	0	0	1	0	100%	0	$88,840
PhD - Mat Sci (ML)	5	2	1	0	0	1	0	**80%**	1	$81,667

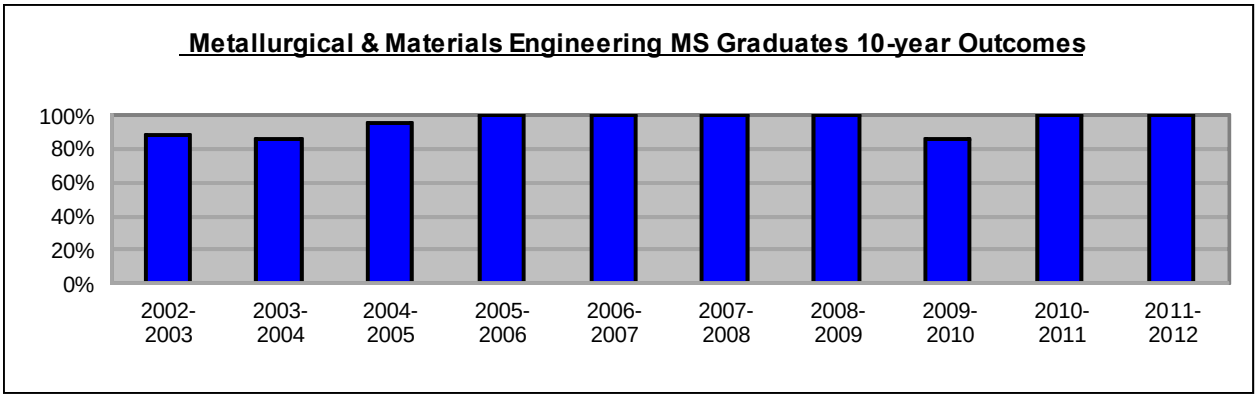
Outcomes Detail

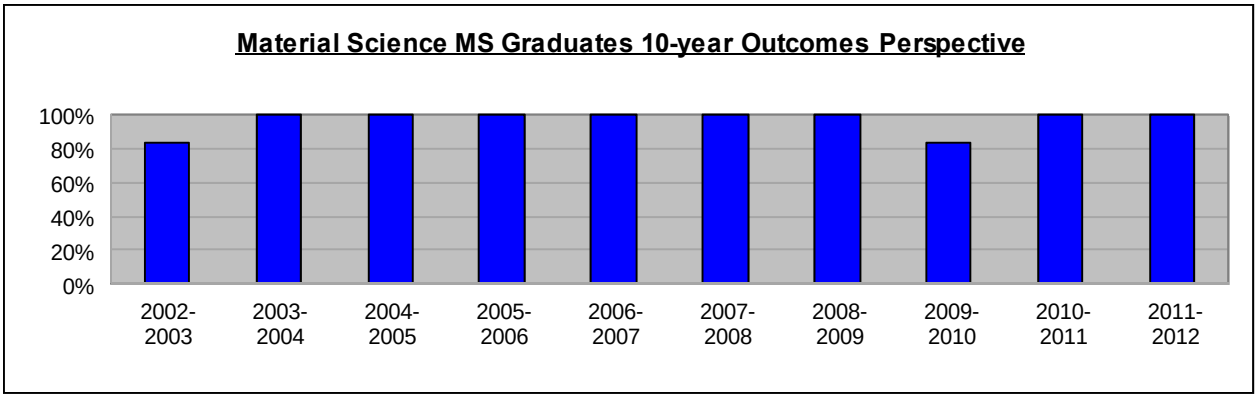
Detailed Breakdown	**Positions Accepted—Industry/Government Summary**										**Graduate School**	
	Bio-med	Oil/Gas	Renew Energy	Mining	Consult Construct	IT/ Elect / Telecom	Mfg	Other	Gov't Military	Acad / Res	CSM	Other
BS	0	2	0	7	0	0	7	4	1	0	5	2
MS – MT	0	1	0	0	3	1	4	2	0	0	7	0
MS – ML	0	0	0	0	0	1	1	2	1	0	9	0
PhD – MT	0	1	0	0	1	0	2	0	1	0	0	0
PhD – ML	0	1	0	0	0	0	1	0	1	0	0	0

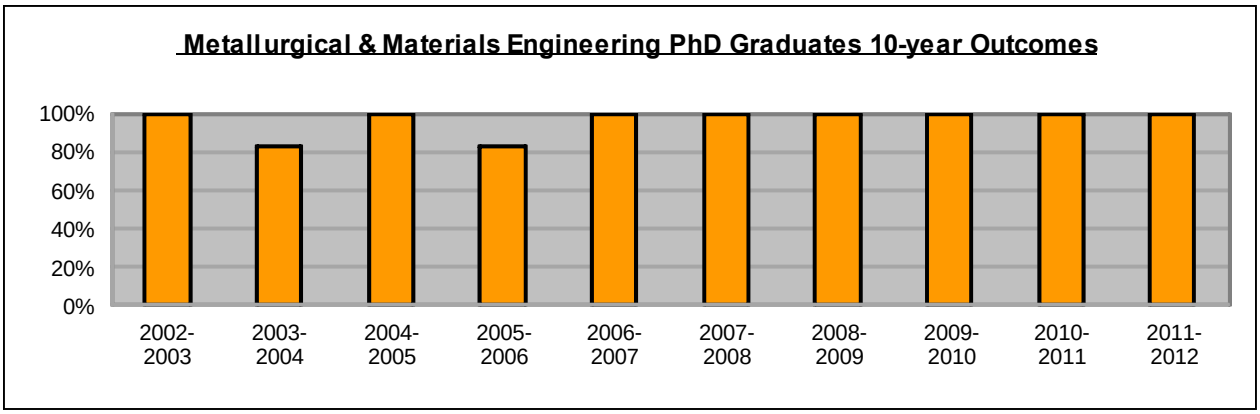


Metallurgical & Materials Engineering Department Outcomes Perspective

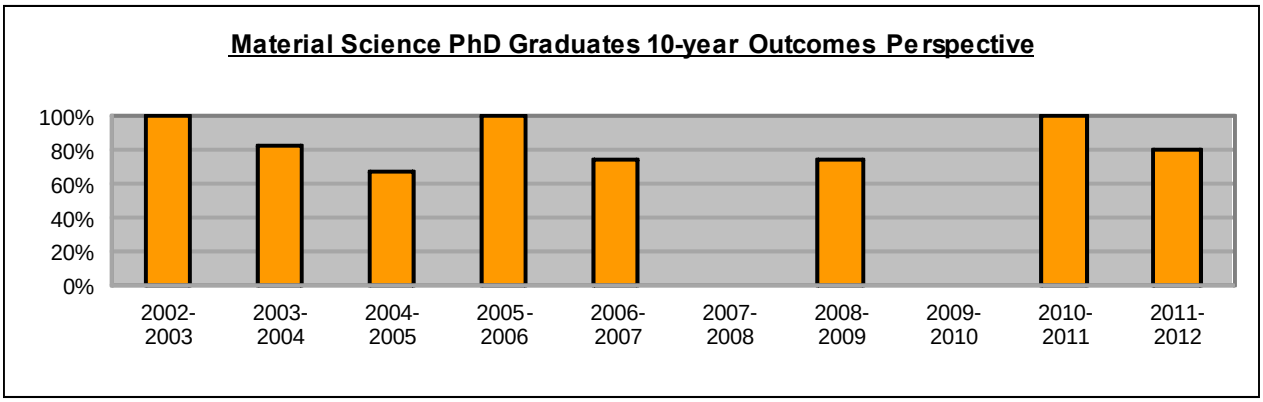






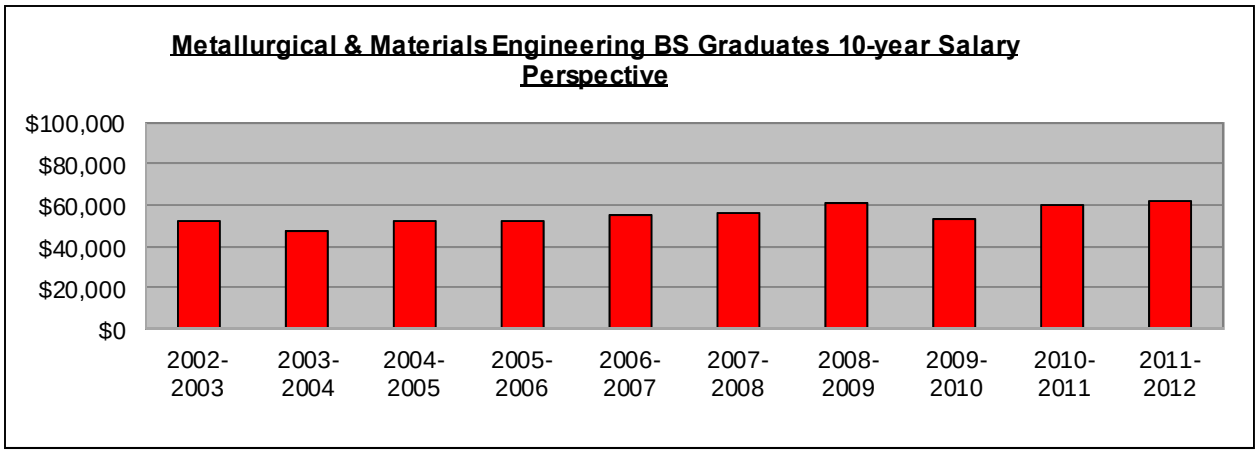


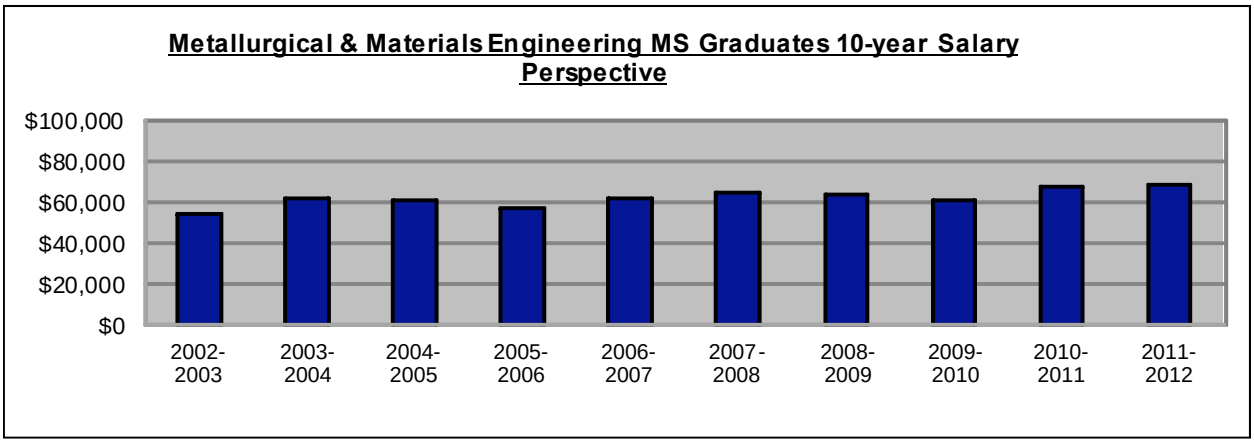
Metallurgical & Materials Engineering Department Outcomes Perspective (cont'd)



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.





Internships for Metallurgical & Materials Engineering Students

The 2011- 2012 Metallurgical and Materials Engineering Department graduates reported completing internships at the following organizations during their attendance at Colorado School of Mines.

AMSI	Evolving Gold	Orica Mining
APAC Kansas	Fluor	PCC Structurals
ArcelorMittal	Hazen	Phelps Dodge Corporation
Bosch	Hecla Mining Complany	Precision Castparts
C2B2	Hobart Brothers	Pure Fishing
Call & Nicholas	Idaho National Laboratory	Radiation Assured Devices
Caterpillar	Intrepid Potash	Rio Tinto
Cessna Aircraft Company	J.R. Simplot	RPI
Chevron Corporation	Kohler	Sandia National Laboratories
Chevron Energy Technology	Lockheed Martin	SSAB
Cognizant Technology Solutions	Los Alamos National Laboratory	Structural Integrity
ConocoPhillips	Mines Research Labs AXPRO, CCACS, CWJCR, Kroll Institute	Tenaris
CoorsTek		Terracon
Cripple Creek Victor Gold Mine	National Renewable Energy Lab	The Aerospace Corporation
Denver Water Dept	Newmont Mining	US Steel
Dow Chemical	Northrop Grumman	Vaportech
El Palito Refinery	Novelis	Y-12 National Security Complex

Other internship opportunities for this department appeared in DiggerNet during the 2011-2012 academic year, including:

Air Sciences	Evraz Pueblo	Rocky Mountain Institute
AK Steel	ExxonMobil	Scot Forge Company
Asarco	Freeport McMoRan	Seakr Engineering
Ascent Solar Technologies	Gerdau	Severstal North America
Baker Hughes	Gerdau Special Steel NA	Sierra Nevada Corp
Ball Aerospace	Imerys	Solar Turbines
Cable Television Laboratories	Kinross Gold Corporation	Stacy Machine & Tooling
Calfrac Well Services	Letourneau Technologies	Tenaris
California Steel Industries	Lexmark International	The Doe Run Company
CEMEX	Logan Aluminum	The Si
Cliffs Natural Resources	Masten Space Systems	Timken Company
Consilium Partners	McKesson Provider Technologies	TMK IPSCO
CSM Axpro Research Group	NASA	USS-POSCO Industries
Datalogix	Nucor	Virtual Consulting International
Dupont Engineering	Puget Sound Naval Shipyard	Western Engineering & Research
Ellwood Group	Reglera	Western Forge

Mining Engineering Department Report

2011 - 2012 Career Center Annual Report

The Mining Engineering Department Report for 2011-2012 includes the following information:

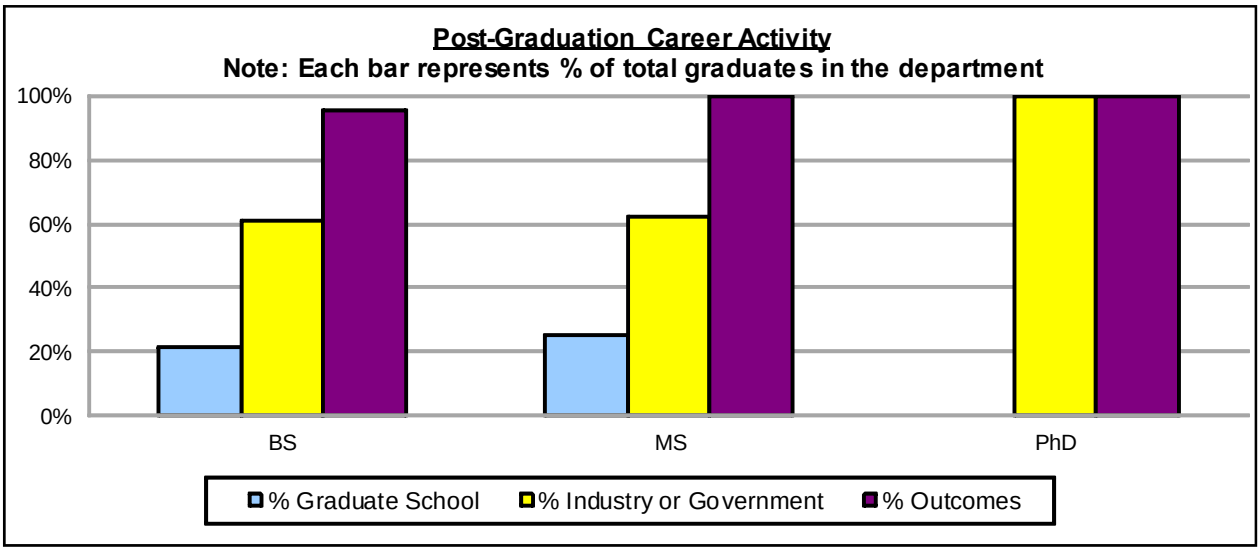
- Summary Data for Mining Engineering and Mining & Earth Systems
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

Mining Department Summary Data

	# Grads	Ind	Gov't	Mil	Grad Sch	Intern'l	Not Looking	**Out-comes %**	Seeking	Average Salary Offer
BS	23	14	0	0	5	3	0	96%	1	$63,490
MS	8	5	0	0	2	1	0	100%	0	N/A
PhD	2	2	0	0	0	0	0	100%	0	N/A

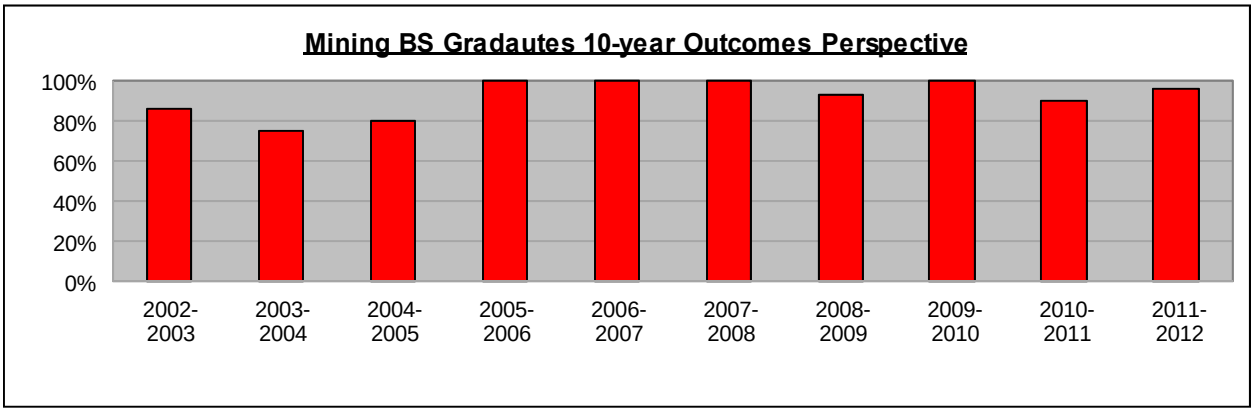
Outcomes Detail

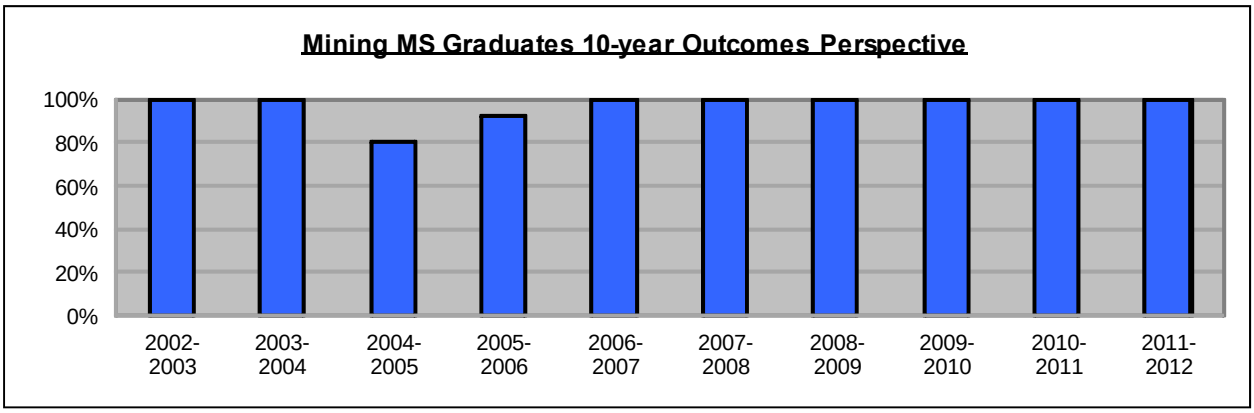
Detailed Breakdown	**Positions Accepted—Industry/Government Summary**		**Graduate School**	
	Manufacturing	Mining	CSM	Other
BS	1	13	5	0
MS	0	5	1	1
PhD	0	2	0	0

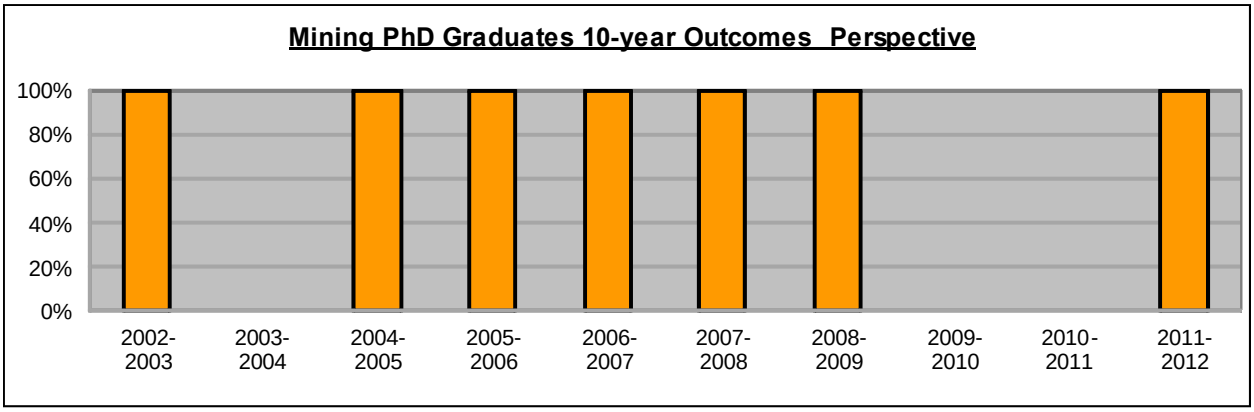


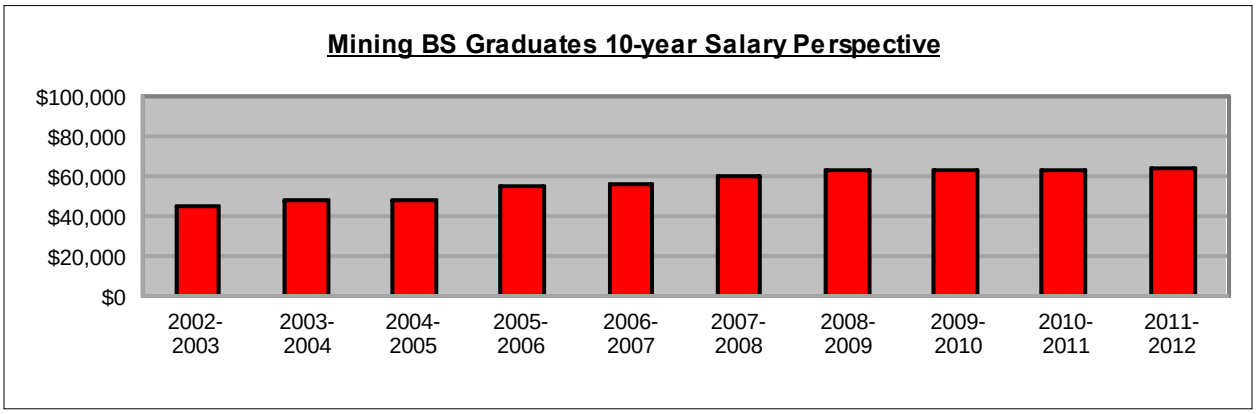
Mining Engineering Department Outcomes and Salary* Perspective

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









Internships for Mining Engineering Division Students

The 2011-2012 Mining Engineering graduates reported completing internships at the following organizations during their attendance at Colorado School of Mines.

Anglogold	Hecla Mining Company
Arch Coal	Kiewit
ASARCO	Kinross Gold
Atlas Copco	Lamphead Mining
Barnard Construction	Luminant Mining
Barrick	Mintec Inc.
Bucyrus	Morton Salt
Chevron Mining	Mosaic Co.
CTL Thompson	Newmont Mining
First Quantum Mining	NMC
FMC	Peabody Energy
Freeport McMoRan	SNIM
Gustavson Associates	Stillwater Mining Company

Other internship opportunities for this major appeared in DiggerNet during the 2011-2012 academic year, including:

Arcadis	J.R. Simplot Company
Bentek	Joy Global-Surface Mining - P&H Mining Equip.
BGC Engineering	Lehigh Hanson
BHP Billiton - New Mexico Coal	Molycorp
BP	Rapaport
Cliff's Natural Resources	Rio Tinto
Energy Future Holding	Schlumberger Technology Corporation
Escalante Mines	Shimmick Construction Company
Evraz Pueblo	Solvay Chemicals
FL Smidth	Tata Chemicals Partners
FM GLobal	Tennessee Valley Authority
Global Resource Engineering	Tierra Group International
GlobalData	U.S. DOL: Mine Safety & Health Administration
Golder Associates	U.S. Office of Surface Mining Reclamation & Enforcement
Imerys	

CAREER CENTER
COLORADOSCHOOLOFMINES

THIS PAGE LEFT INTENTIONALLY BLANK

Nuclear Science and Engineering Degree Report

2011 - 2012 Career Center Annual Report

The Nuclear Engineering Report for 2011-2012 includes the following::

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

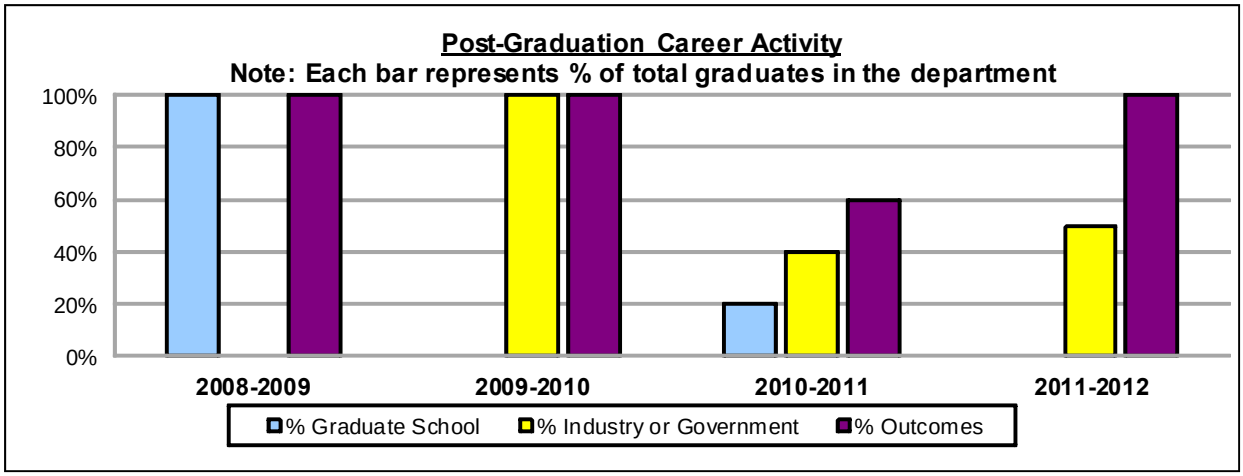
Nuclear Science and Engineering Summary Data

	# Grads	Ind	Gov't	Mil	Grad Sch	Intern'l	Not Looking	**Out-comes %**	Seeking	Average Salary Offer
MS	3	0	1	2	0	0	0	100%	0	N/A
PhD	1	1	0	0	0	0	0	100%	0	N/A

Degrees offered are a Master of Science and a Doctor of Philosophy; the first graduation of a Master's candidate occurred in Spring 2009.

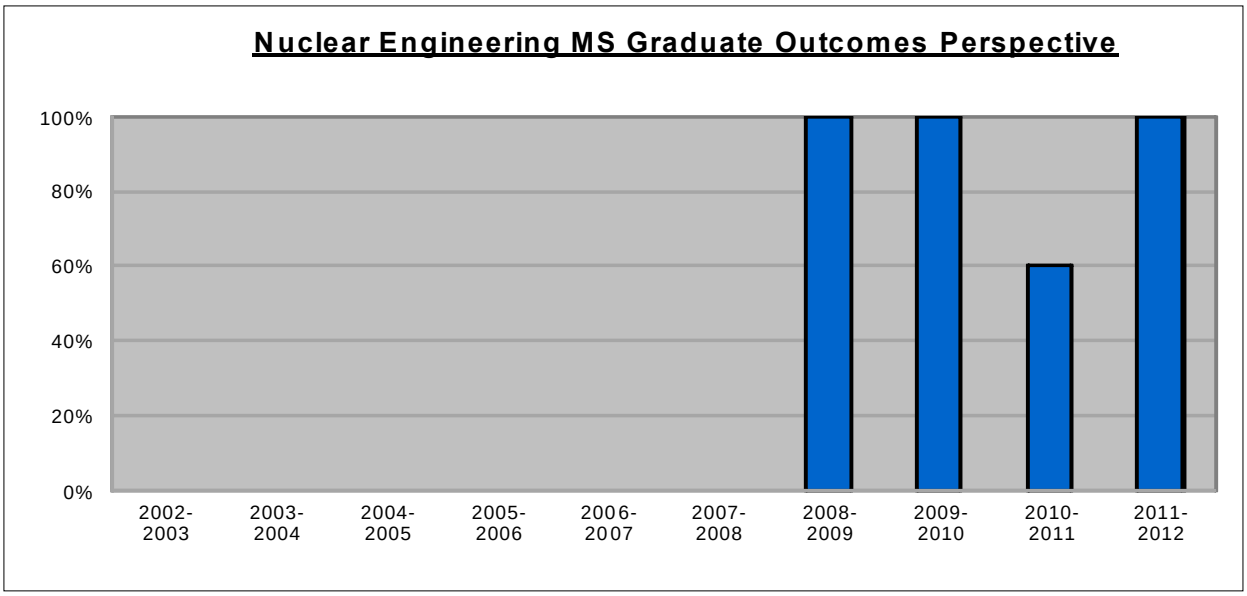
Outcomes Detail

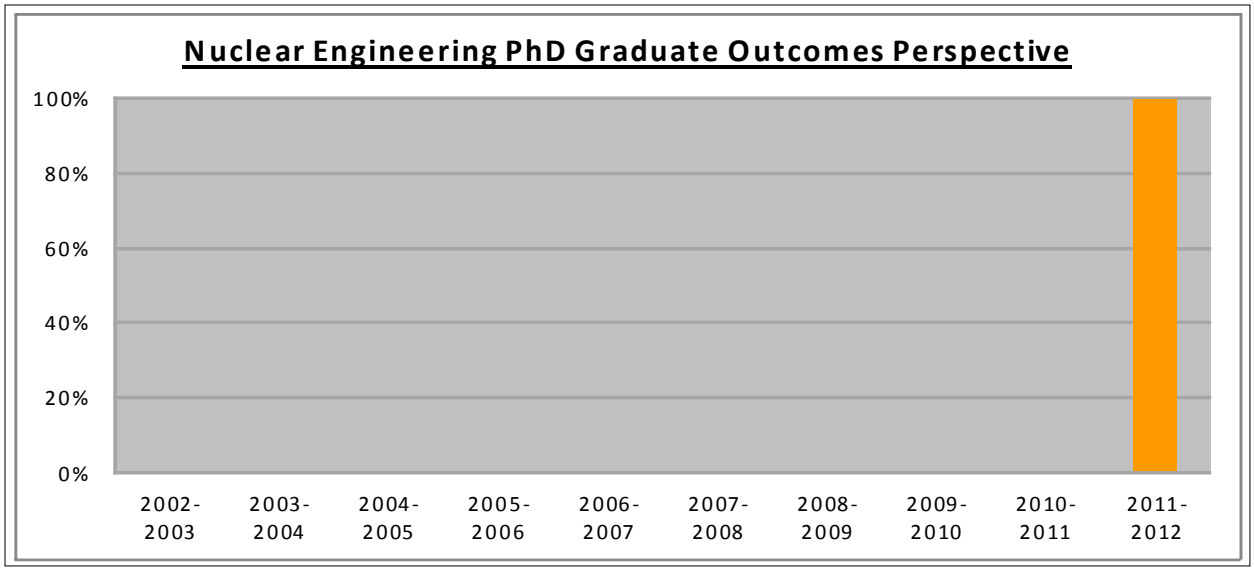
Detailed Breakdown	**Positions Accepted—Industry/Government Summary**		**Graduate School**	
	Consulting	Gov't/Mil	CSM	Other
MS - NU	0	3	0	0
PhD—NU	1	0	0	0



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 relevant salary information is available due to the size of the program at this time.





Petroleum Engineering Department Report

2011 - 2012 Career Center Annual Report

The Petroleum Engineering Department Report for 2011-2012 includes the following information:

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

Petroleum Engineering Summary Data

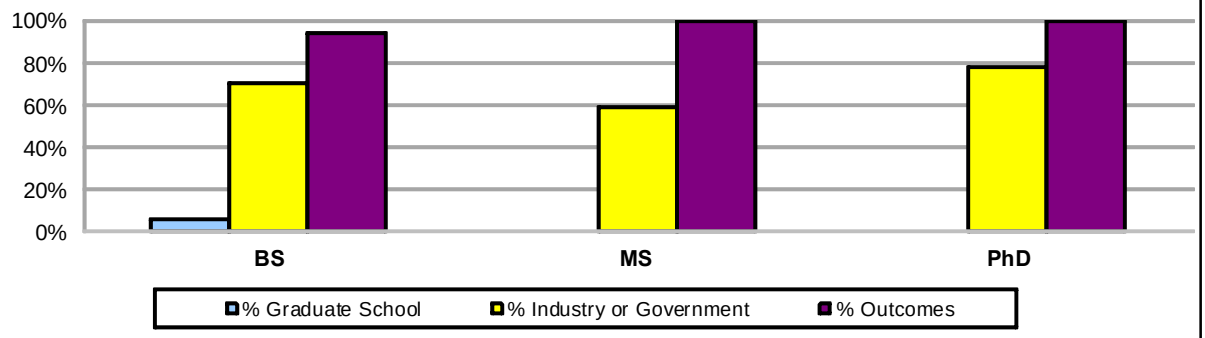
	# Grads	Ind	Gov't	Mil	Grad Sch	Intern'l	Not Looking	**Out-comes %**	Seeking	Average Salary Offer
BS	110	77	0	0	6	21	0	**95%**	6	$83,055
MS	17	10	0	0	0	7	0	**100%**	0	$84,500
PhD	9	5	2	0	0	2	0	**100%**	0	$85,150

Outcomes Detail

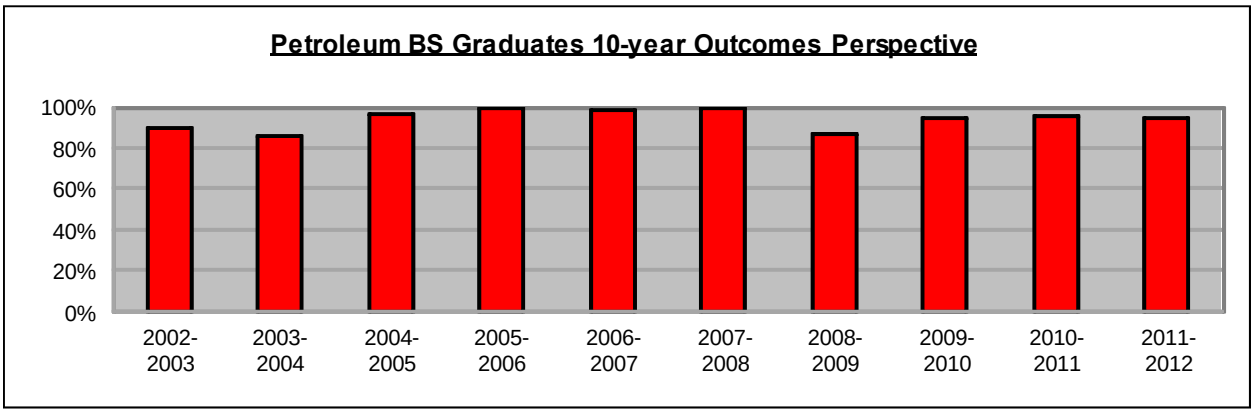
Detailed Break-down	**Positions Accepted—Industry/Government Summary**				**Graduate School**	
	Oil /Gas	Business Consulting	Other	Government	CSM	Other
BS	75	0	2	0	3	3
MS	9	1	0	0	0	0
PhD	3	1	1	2	0	0

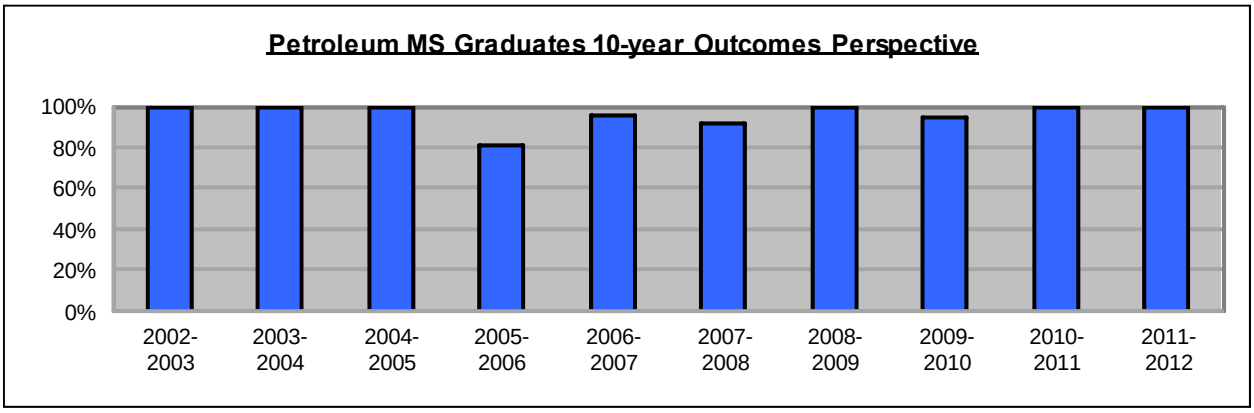
Post-Graduation Career Activity

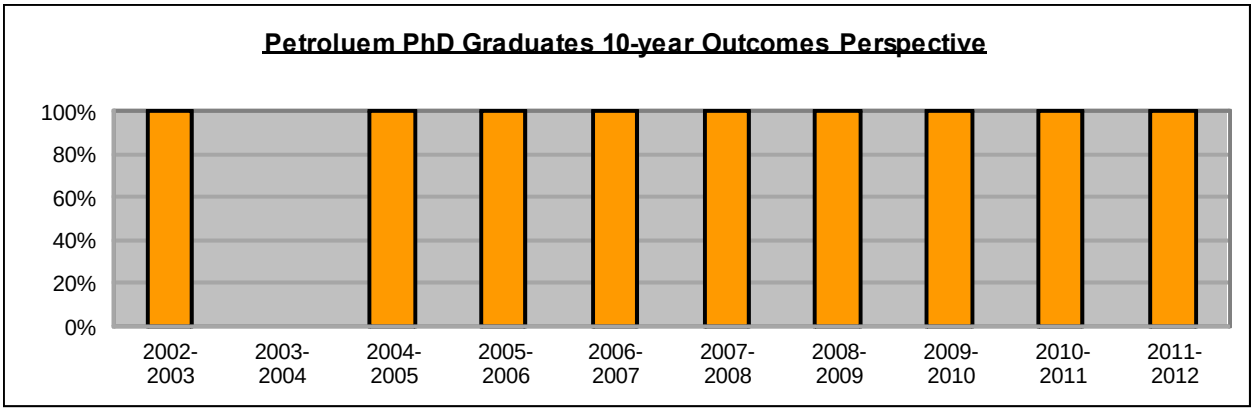
Note: Each bar represents % of total graduates in the department



Petroleum Engineering Department Outcomes Perspective

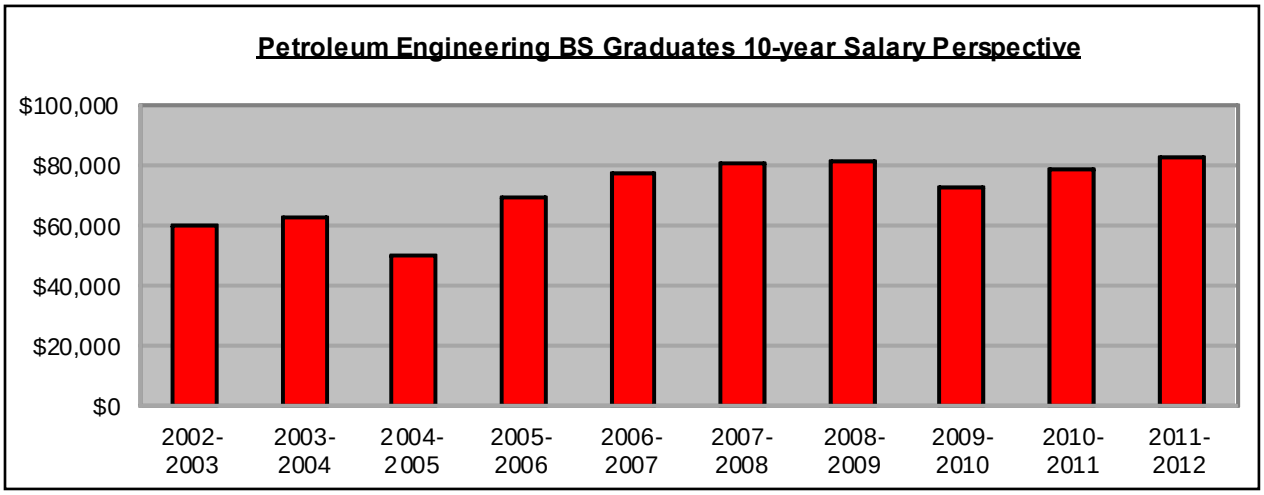


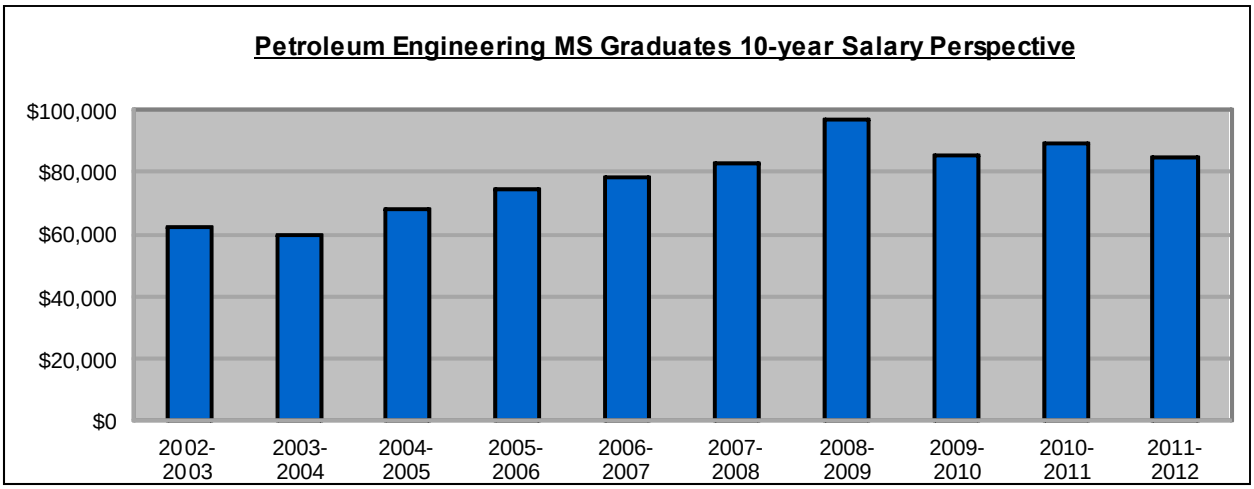




Petroleum Engineering Department Salary Perspective *

* 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 2011-2012 graduates in this department reported completing internships at the following organizations while at CSM.

Amadeus Petroleum	Ensign	Petroleum Development Corp.
Anadarko Petroleum	EOG Resources	Petro Data Integration
Apache Corporation	Flow Data	Pioneer Natural Resources
Applied Survey	Forest Oil Corporation	PLATTS
Atascosa Exploration	Gaffney, Cline and Associates	Proficient Well Logging
Austin Exploration	Great Western Oil and Gas	Questa Eng.
Baker Hughes	Gyrodata	Reservoir Engineering Intern
BHP	Halliburton	Running Foxes
Bill Barrett Corporation	Helmerich & Payne	SandRidge Energy
BP	Hughes Christensen	Santos
Calfrac Well Services	Inflection Energy	Sater Tools and Servies
Canrig Drilling Technologies	Instrata	Schneider Energy
Central Operating	Intrepid Potash	Shell International E&P
Chevron Corporation	Kinder Morgan	Southwestern Energy
Conoco Phillips	KrisEnergy	Sundyne
Copenhagen University - College of Engineering	Math Energy 1	Tiorco/Nalco
	Nalco	TKE Engineering
Cordillera EP	National Oilwell Varco	True Oil LLC
Crystal River Oil and Gas	Neal Adams Services	U.S. Department of Energy
Dan A. Hughes Company	New Stream Capital	U.S. Department of Interior: Office of Inspector General
DCOR	Newfield Exploration	
Devon Energy	NinjaTrader	Venoco
Dresser Rand	Nitec	WallaceKugh
EFC Valve & Controls	Norwest Questa	Whiting Petroleum
El Paso Corporation	Oasis	Williams Production
Encana Oil and Gas	NNPC	Williams/WPX
Enerplus	OSIsoft inc.	XTO Energy
	P2 Energy Solution	

Other internship opportunities for this major appeared in DiggerNet during the 2011-2012 academic year, including:

Area Energy	Hess Corporation	Plains E&P Company
BOPCO	IHS Inc.	Rosetta Resources
Chesapeake Energy	Managed Pressure Operations	Schlumberger
Denbury Resources	Marathon Oil Company	SIGMA3 Integrated Reservoir
EQT Corporation	Noble Energy	SM Energy Company
Evraz Pueblo	Occidental Oil & Gas (Oxy)	T. D. Williamson
ExxonMobil	Pason Systems USA	Talisman Energy
Fidelity E&P	Peterson Energy Management	Tenaris
GlobalData	Petroleum Field Services, LLC	U.S. Geological Survey

Physics Department Report

2011-2012 Career Center Annual Report

The Physics Department Report for 2011-2012 includes the following information:

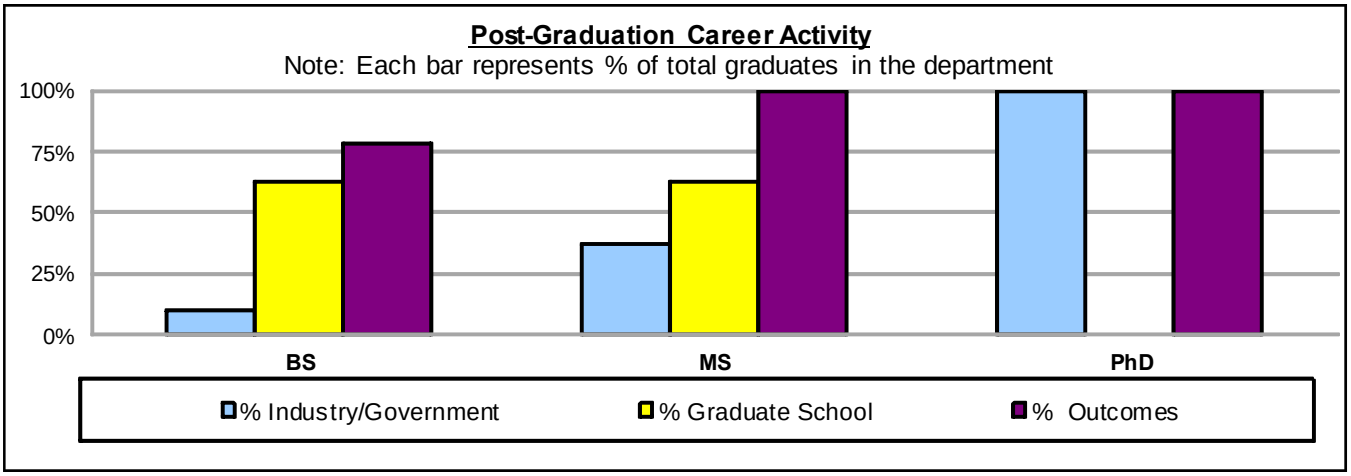
- Summary Data for Engineering Physics B.S. and Applied Physics M.S. and PhD
- Post-Graduation Career Activity
- Outcomes Perspective
- Salary Perspective / Average Offers

Physics Department Summary Data

	# Grads	Ind	Gov't	Mil	Grad Sch	Intern'l	Not Looking	**Out-comes %**	Seeking	Average Salary Offer
BS	51	5	0	2	32	0	1	78%	11	$58,962
MS	8	2	1	0	5	0	0	100%	0	N/A
PhD	3	1	2	0	0	0	0	100%	0	$68,667

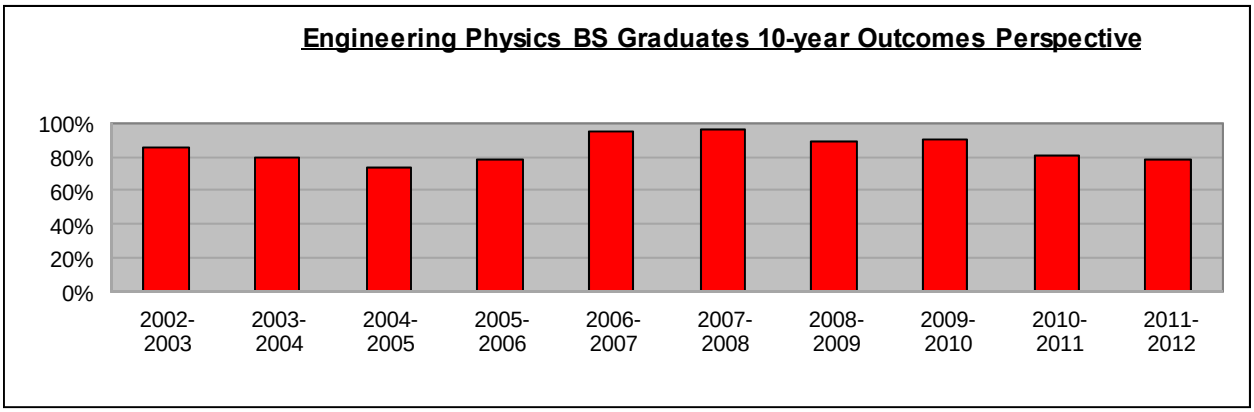
Outcomes Detail

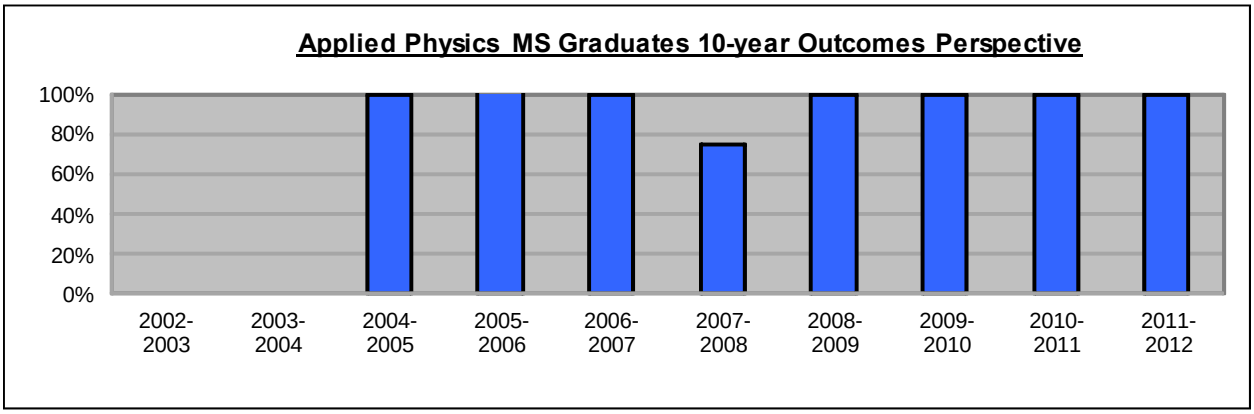
Detailed Breakdown	**Positions Accepted—Industry/Government Summary**								**Graduate School**	
	Aerospace	Consulting	Oil/Gas	Gov't /Mil	IT/Electronics /Telecom	Manuf.	Academia/ Research	Other	CSM	Other
BS	1	0	1	2	2	0	1	0	20	12
MS	0	1	0	1	1	0	0	0	2	3
PhD	0	0	0	2	0	1	0	1	0	0

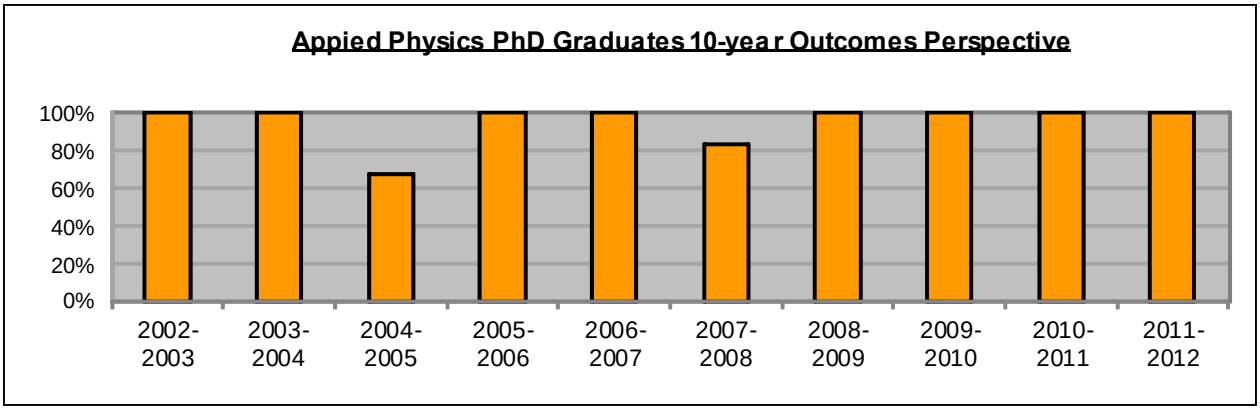


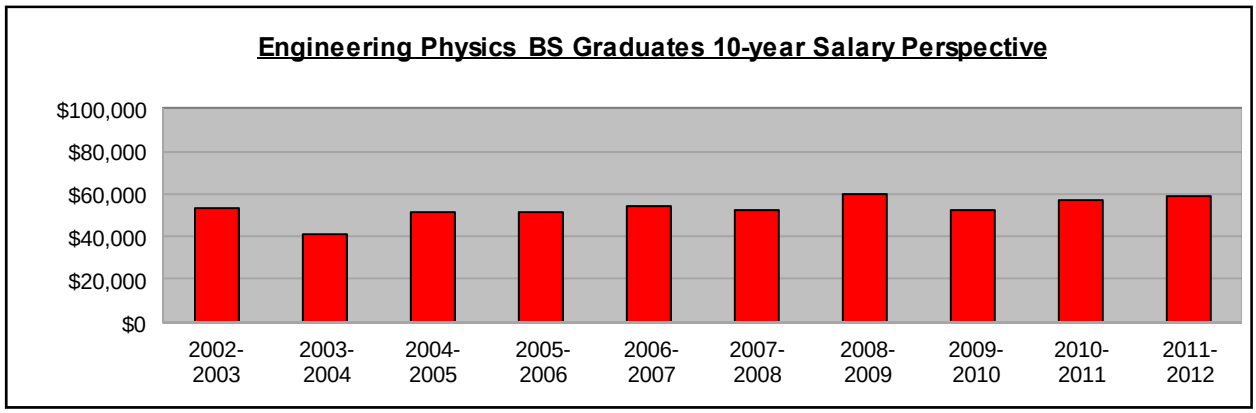
Physics Department Outcomes Perspective and BS Salary Perspective*

* There is not enough historical salary data for MS or PhD graduates; therefore graphs are not provided.









Internships for Physics Department Students

The 2011-2012 graduates in this department reported completing internships at the following organizations while at Mines.

Accident Reconstruction Engineering Consultants	MV Systems
Ball Aerospace	National Nanotechnology Infrastructure Network
Burns & McDonnell	National Center Atmospheric Research
Ceynet Farms	National Institute Standards & Technology
Envirachar	Netquote
Honeywell	NSF/GK-12 Initiative
IBM	Mines - REMRSEC REU
ITN Energy Systems	Salt River Project
Jim Christian Racing	Trane

Other internship opportunities fn DiggerNet for this department's students during the 2011-2012 academic year included:

Abengoa Solar	Concho Resources
Agilent Technologies	ConocoPhillips
Air Comm Corporation	Consilium Partners
Air Sciences	Crescent Point Energy
AirCell	Crystal River Oil and Gas
Anadarko Petroleum	DataLogix
Apache Corporation	DataTraks
Arch Coal	Devon Energy Corporation
Array BioPharma	Distillery Solutions
Arrow Electronics	EarthLED
ASARCO	Empowered Solutions Group
Ascent Solar Technologies	Enerplus Resources USA
Avow Systems	EOG Resources, Inc.
Baker Hughes	EP Energy (formerly El Paso Corp)
Barrick Gold North America	Escalante Mines, Inc.
BHP Billiton Petroleum Americas	Evraz Pueblo
Bluware	Flatirons Solutions
Boecore	Fortitude Skis
BP	Gates Corporation
Cable Television Laboratories	Hess Corporation
Calfrac Well Services Corp.	Hewlett-Packard Company
Chevron Corporation	IHS Inc.
Cimarex Energy Co.	Imerys Oilfield Minerals
Cliffs Natural Resources	Intelligent Software Solutions
Colorado Department of Transportation	James Engineering
Community Power Corporation	Jefferson County Government
Complete Structural Systems	Leppert Associates

Internships for Physics Department Students

Additional internship opportunities for this department's students during the 2011-2012 academic year included:

Level 3 Communications	RezStream
Lockheed Martin	Rio Tinto
Marathon Oil Company	Schlumberger Technology Corporation
Masten Space Systems	SAIC
Molycorp Minerals, Inc.	Seagate
Multivision, Inc.	SEAKR Engineering
NASA -Undergraduate Research Program	Shell
National Instruments	Sierra Detention Systems
National Renewable Energy Laboratory (NREL)	Sierra Nevada Corporation
Newfield Exploration	SIGMA3 Integrated Reservoir Solutions
Newmont Mining Corporation	SkyeTek
Nexen Petroleum U.S.A. Inc.	SM Energy Company
Noble Energy	Southwestern Energy
National Renewable Energy Laboratory (NREL)	Starlight Consultants
Newfield Exploration	Statoil
Newmont Mining Corporation	Structural Integrity Associates
Nexen Petroleum U.S.A.	Symplified
Noble Energy	Talisman Energy
Oasis Petroleum	The SI
Occidental Oil & Gas (Oxy)	Turner Construction
PalmLing	Twin Oaks Computing
Petroleum Field Services, LLC	U.S. DOL: Mine Safety and Health Administration
Pioneer Natural Resources	U.S. Department of Transportation
QEP Resources, Inc.	U.S. Geological Survey (USGS)
Raytheon Company	United Launch Alliance
Recondo Technology	US Air Force Civil Service Careers
Red Boat Ventures	Valmont Industries
Regional Transportation District (RTD)	Venytx
Reglera LLC	Verizon Wireless
Research Management Consultants	Virtual Consulting International
	Western Area Power Administration