

1997 GRADUATE SURVEY RESULTS

	<u>Mechanical Engineering</u>		<u>College of Engineering</u>		<u>All Professional</u>	
Bachelor's Degree Recipients						
TOTAL NUMBER OF GRADUATES SURVEYED	156	100%	703	100%	2,193	100%
Questionnaires:						
Not returned -----	105	67%	442	63%	1,300	59%
Not delivered by post office -----	3	2%	29	4%	104	5%
Returned by graduate -----	48	31%	232	33%	789	36%
Responding graduates currently:						
Working & not planning full-time school	45	94%	200	86%	680	87%
Attending or waiting to attend school -	3	6%	26	11%	84	11%
Unemployed -----			6	3%	22	3%

Master's Degree Recipients						
TOTAL NUMBER OF GRADUATES SURVEYED	42	100%	247	100%	1,426	100%
Questionnaires:						
Not returned -----	17	40%	92	37%	559	39%
Not delivered by post office -----	3	7%	15	6%	93	7%
Returned by graduate -----	22	52%	140	57%	774	54%
Responding graduates currently:						
Working & not planning full-time school	21	95%	119	85%	699	91%
Attending or waiting to attend school -	1	5%	19	14%	50	6%
Unemployed -----			2	1%	22	3%

Doctoral Degree Recipients						
TOTAL NUMBER OF GRADUATES SURVEYED	12	100%	73	100%	615	100%
Questionnaires:						
Not returned -----	8	67%	32	44%	268	44%
Not delivered by post office -----			6	8%	42	7%
Returned by graduate -----	4	33%	35	48%	305	50%
Responding graduates currently:						
Working & not planning full-time school	4	100%	34	97%	287	94%
Attending or waiting to attend school -					9	3%
Unemployed -----			1	3%	8	3%

Subsequent tables for doctorate degree recipients are not included because of the low number of respondents.

DEMOGRAPHIC SUMMARY - Bachelor's Degree Recipients

	<u>Mechanical Engineering</u>	<u>College of Engineering</u>	<u>All Professional</u>
Working			
JOB IS: Full-time, career field, permanent--	30 67%	126 64%	350 52%
Full-time, career field, will change	12 27%	53 27%	206 31%
Full-time, outside career field----	1 2%	4 2%	44 7%
Full-time, temporary-----	1 2%	8 4%	33 5%
Part-time-----	1 2%	5 3%	40 6%
WORK IS: Definitely beneath my level----	2 4%	9 5%	73 11%
Somewhat beneath my level-----	10 22%	38 19%	139 21%
At an appropriate level-----	32 71%	149 75%	458 68%
At too advanced a level-----	1 2%	3 2%	7 1%
ATTENDING SCHOOL? Yes, related to UW education----	2 4%	10 5%	26 4%
Yes, career related, new area---	5 11%	25 13%	58 9%
Yes, not career related-----		2 1%	14 2%
No-----	38 84%	162 81%	577 85%
MONTHLY INCOME: Under \$500-----			5 1%
\$500 - 999-----			19 3%
1000- 1499-----		8 4%	50 7%
1500- 1999-----	3 7%	9 5%	78 12%
2000- 2499-----	3 7%	26 13%	147 22%
2500- 2999-----	5 11%	29 15%	120 18%
3000- 3499-----	19 43%	49 25%	96 14%
3500- 3999-----	8 18%	47 24%	74 11%
4000- 4500-----	3 7%	19 10%	43 6%
Over \$4500-----	3 7%	10 5%	38 6%
JOB LOCATION: King, Pierce, Snohomish----	15 35%	58 35%	286 49%
Other Washington counties---	21 49%	60 36%	176 30%
Alaska, Idaho, Oregon-----	3 7%	13 8%	31 5%
California, Hawaii-----	1 2%	17 10%	38 7%
Mountain states-----	2 5%	3 2%	12 2%
Central states-----		6 4%	12 2%
Eastern states-----	1 2%	9 5%	27 5%
International-----			

Attending School

LEVEL OF EDUCATIONAL PROGRAM: Undergraduate-	3 50%	9 25%	38 31%
Master's-----	1 17%	5 14%	8 7%
Doctoral-----	1 17%	18 50%	56 46%
Professional--	1 17%	3 8%	19 16%
Vocational----			
Other-----		1 3%	1 1%
ARE YOU ALSO EMPLOYED? Yes, by the school---	2 40%	14 45%	30 27%
Yes, other part-time-	1 20%	3 10%	21 19%
Yes, other full-time-	1 20%	5 16%	19 17%
No-----	1 20%	9 29%	40 36%

Unemployed

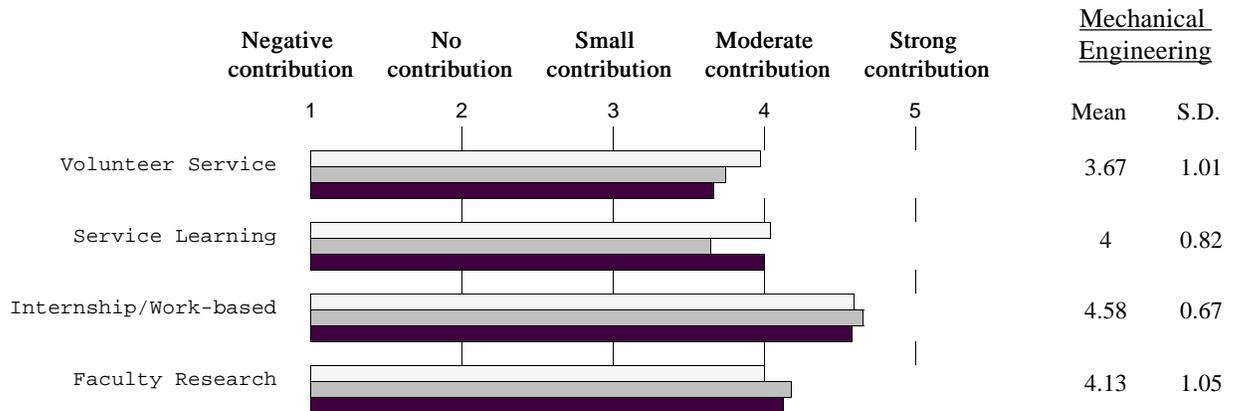
LOOKING FOR WORK? Yes, career field only----		3 30%	13 37%
Yes, any field-----			
Yes, may be temporary-----		2 20%	3 9%
No, traveling, etc.-----		1 10%	6 17%
No, deciding what to do---			2 6%
No, not at present-----	1 100%	4 40%	11 31%

STUDENT INVOLVEMENT - Bachelor's Degree Recipients

While a UW student, did you participate in:	<u>Mechanical Engineering</u>		<u>College of Engineering</u>		<u>All Professional</u>	
	Yes	No	Yes	No	Yes	No
Community volunteer service (outside of UW) -----	16	31	94	137	411	373
Community service as part of a UW course (Service learning) -----	3	44	17	214	122	657
A public service internship or other work-based learning (for credit or pay) -----	19	28	101	130	356	427
Faculty research beyond being a research subject -----	8	39	56	175	143	636

How has your participation contributed to your preparation and success in your current primary activity?

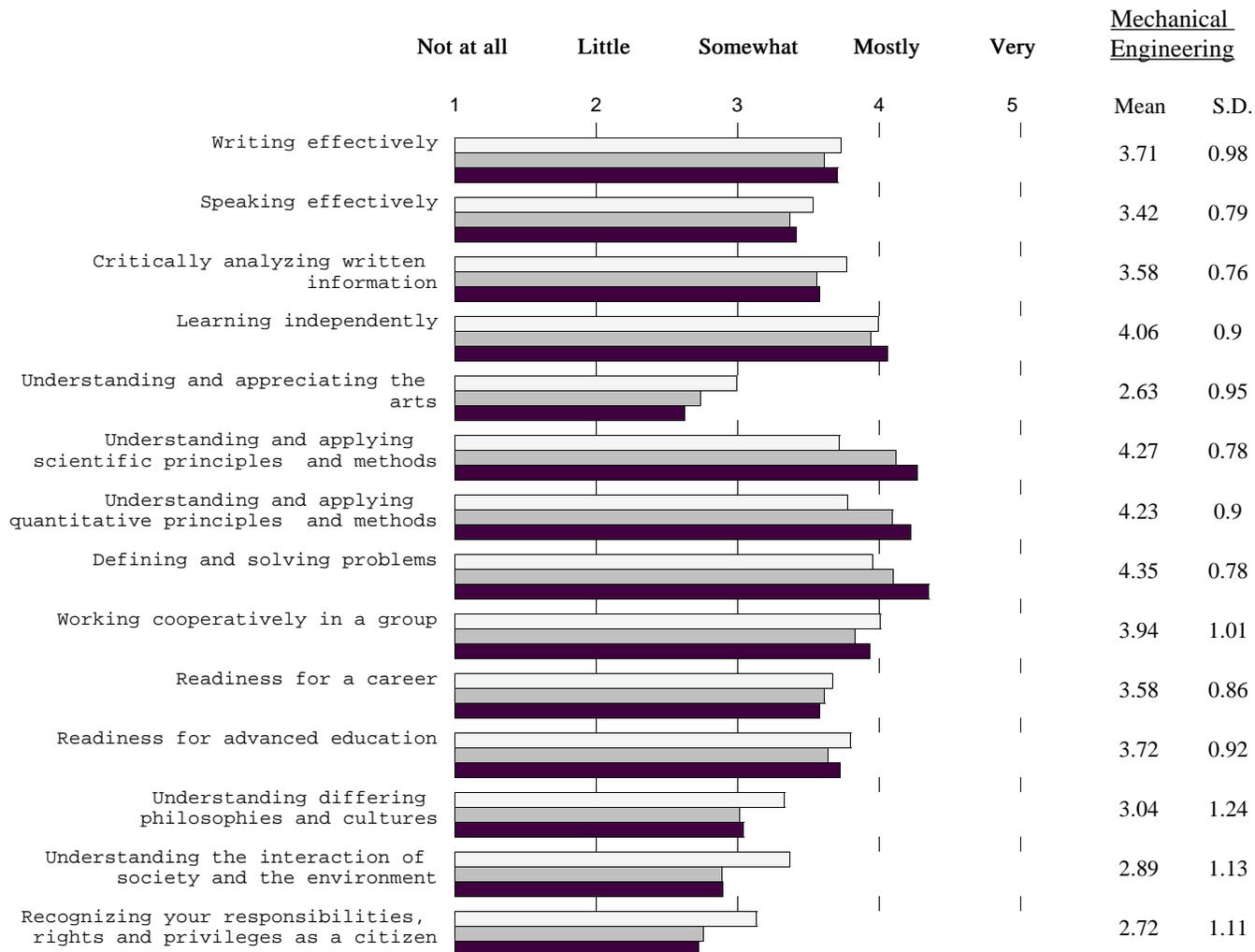
Mechanical Engineering
College of Engineering
All Professional



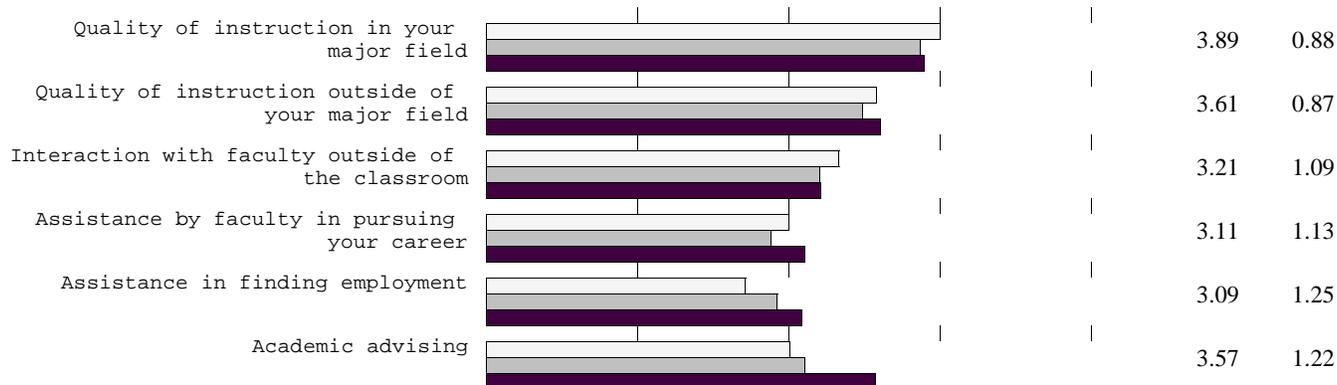
STUDENT OUTCOMES - Bachelor's Degree Recipients

How satisfied are you with the University of Washington's contribution to your academic and/or personal growth in each of the following areas?

Mechanical Engineering 
College of Engineering 
All Professional 



In general, how satisfied are you with your UW education with regard to each of the following?



DEMOGRAPHIC SUMMARY - Master's Degree Recipients

	<u>Mechanical Engineering</u>	<u>College of Engineering</u>	<u>All Professional</u>
Working			
JOB IS: Full-time, career field, permanent--	14 67% 	81 69% 	415 60% 
Full-time, career field, will change	5 24% 	25 21% 	145 21% 
Full-time, outside career field-----	1 5% 	2 2% 	14 2% 
Full-time, temporary-----		5 4% 	36 5% 
Part-time-----	1 5% 	5 4% 	81 12% 
WORK IS: Definitely beneath my level-----	4 20% 	6 5% 	32 5% 
Somewhat beneath my level-----	4 20% 	25 21% 	141 20% 
At an appropriate level-----	12 60% 	85 72% 	518 75% 
At too advanced a level-----		2 2% 	3 1% 
ATTENDING SCHOOL? Yes, post-graduate in my degree-	2 10% 	7 6% 	66 10% 
Yes, career related, new area---	10 50% 	38 32% 	105 15% 
Yes, not career related-----		9 8% 	29 4% 
No-----	8 40% 	63 54% 	486 71% 
MONTHLY INCOME: Under \$500-----	1 5% 	2 2% 	7 1% 
\$500 - 999-----			14 2% 
1000- 1499-----		3 3% 	48 7% 
1500- 1999-----			80 12% 
2000- 2499-----		7 6% 	105 15% 
2500- 2999-----	2 10% 	7 6% 	95 14% 
3000- 3499-----	2 10% 	26 22% 	99 14% 
3500- 3999-----	4 20% 	13 11% 	61 9% 
4000- 4500-----	5 25% 	20 17% 	47 7% 
Over \$4500-----	6 30% 	39 33% 	135 20% 
JOB LOCATION: King, Pierce, Snohomish----	7 35% 	38 36% 	319 52% 
Other Washington counties---	6 30% 	30 29% 	142 23% 
Alaska, Idaho, Oregon-----		7 7% 	36 6% 
California, Hawaii-----	2 10% 	9 9% 	50 8% 
Mountain states-----		5 5% 	16 3% 
Central states-----	3 15% 	7 7% 	22 4% 
Eastern states-----	2 10% 	8 8% 	30 5% 
International-----		1 1% 	1 1% 
JOB SEARCH: Newspaper ads-----	5 42% 	19 23% 	92 21% 
World wide web/internet-----	1 8% 	20 24% 	79 18% 
Employment agency-----	1 8% 	7 8% 	23 5% 
Professional organization-----	2 17% 	11 13% 	113 26% 
Faculty advisor or committee---	3 25% 	27 32% 	129 30% 

DEMOGRAPHIC SUMMARY - Master's Degree Recipients

	<u>Mechanical Engineering</u>	<u>College of Engineering</u>	<u>All Professional</u>
Attending School			
LEVEL OF EDUCATIONAL PROGRAM: Undergraduate-			
Master's-----		1 3% ▮	5 5% ▮
Doctoral-----	3 100% █████	27 93% █████	81 85% █████
Professional--			7 7% ▮
Vocational----			1 1% ▮
Other-----		1 3% ▮	1 1% ▮
ARE YOU ALSO EMPLOYED? Yes, by the school---	1 50% █████	15 62% █████	38 50% █████
Yes, other part-time-			6 8% ▮
Yes, other full-time-	1 50% █████	4 17% ▮	13 17% ▮
No-----		5 21% ▮	19 25% ▮
Unemployed			
LOOKING FOR WORK? Yes, career field only----		1 33% ▮	12 39% ▮
Yes, any field-----			3 10% ▮
Yes, may be temporary----		1 33% ▮	3 10% ▮
No, traveling, etc.-----			3 10% ▮
No, deciding what to do---			1 3% ▮
No, not at present-----		1 33% ▮	9 29% ▮

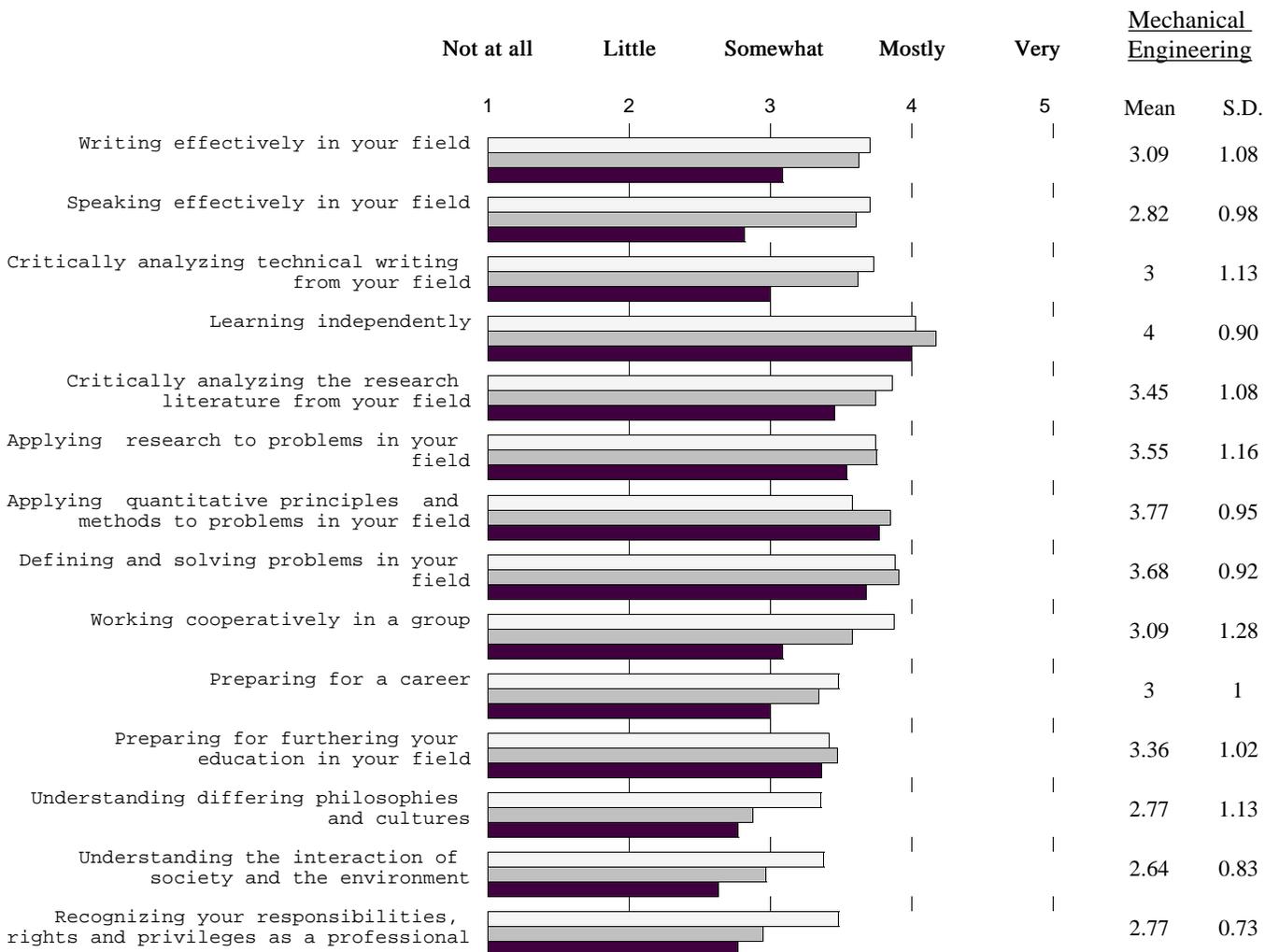
TYPE OF EMPLOYER - Master's Degree Recipients

Business (for profit)-----	7 33% █████	48 35% █████	176 24% ▮
Business (not for profit)-----			21 3% ▮
Education (K-12)-----			118 16% ▮
Education (post-secondary)			
Univ/college tenure-track faculty-----		3 2% ▮	16 2% ▮
Univ/college non-tenure-track faculty---			13 2% ▮
Univ/college research or administrative--		5 4% ▮	25 3% ▮
Postdoctoral appointment-----		1 1% ▮	9 1% ▮
Government agency-----		15 11% ▮	90 12% ▮
Industry-----	11 52% █████	48 35% █████	63 8% ▮
Law firm-----			11 1% ▮
Medical faculty-----		1 1% ▮	77 10% ▮
Military-----	2 10% ▮	5 4% ▮	15 2% ▮
Private practice-----		3 2% ▮	16 2% ▮
Self-employed-----	1 5% ▮	4 3% ▮	17 2% ▮
Social service agency-----			41 5% ▮
Other-----		3 2% ▮	38 5% ▮

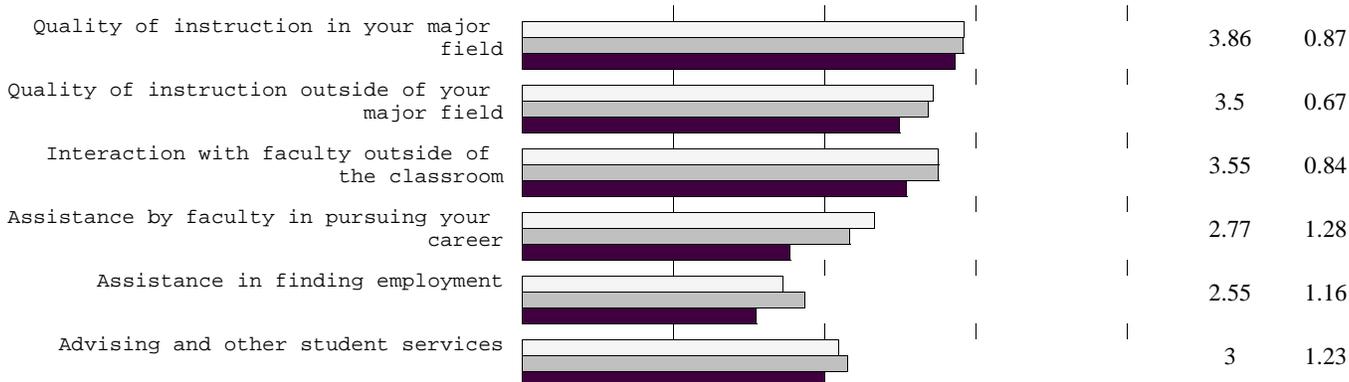
STUDENT OUTCOMES - Master's Degree Recipients

How satisfied are you with the University of Washington's contribution to your professional and academic growth in each of the following areas?

Mechanical Engineering 
College of Engineering 
All Professional 



In general, how satisfied are you with your UW education for this degree with regard to each of the following?



CURRENT ACTIVITY ROSTER

		<u>Job Title</u>	<u>Employer</u>
BACHELOR'S	Permanent in career:	ME	Stairmaster
		Automation Engineer	Optiva
		R & D Engineer	Health/Packard
		Structure Engr.	The Boeing Comp.
		Systems Engineer	Microsoft
		Senior Engineer	Boeing
		Engineer	Boeing
		Mechanical Engineer	Intel
		Project Engineer	Aim Test Air Quality, LLP
		Mechanical Designer	Stairmaster
		Liaison Engineer	Boeing
		Engineer	Boeing
		Engineer	Boeing Co.
		Senior Engineer	Boeing
		Stress Analysis Engr.	Boeing
		Medical Engineer	Parsons Energy & Chemicals
		Technical Sales	Rockwell Automation
		Mechanical Engineer	Optiva Corp.
		Tool Design Engineer	BOEING
		Design Engineer	
		Stress Engineer	BOEING
		Facility Engineer	Intel
		Mechanical Engineering Liaison	Boeing
		Engineer	Boeing
		Engineer	Boeing
		Engineer	Boeing
		Design Engineer	Northwest Composites
Mechanical Engineer	Intel Corporation		
Support Engineer	BOEING		
R & D Engineer	BOEING		
Career, change likely:	Process Engineer	IBM	
	Catia Instructor	Design Technology	
	Tool Engineering	Boeing	
	Project Engineer	International Paper	
	Sales Engineer	Rockwell Automation	
	Engineer	Boeing	
	Project Engineer	Boeing Co.	
	Senior Engineer	Boeing Commrc'l Airplane Group	
	Structure Design Engineer	Boeing	
	Mechanical Design Engineer	Intel	
Not career, full-time:	Tool Engr.	Boeing	
	Structural Analyst	BOEING	
Not career, temporary:	Managing Design Engineer	US West Comm	
	Clerical Temp	Parker Personnel	
MASTER'S	Permanent in career:	Mechanical Engineer	Electroimpact
		Engineer	Boeing
		Engineer	Boeing Co.
		Staff Eng., Machinery Brance	U.S. Coast Guard
		Development Engineer	Ford Motor Company
		Engineer	Boeing
		Design Engineer	Seagate
		Software Engineer	Tegic Com

Working

	<u>Job Title</u>	<u>Employer</u>
	Principal Engineer	Boeing
	Product Development Engineer	K2 Corp.
	Combat Systems Officer	U.S. Navy
	Principal Engineer	Boeing
	Applications Engineer	National Instruments
	Principal Engineer	Boeing
Career, change likely:	Tooling Engineer	Seagate
	Mechanical Engineer	Spacelabs Medical, Inc.
	Configurator Programing Engr.	Matheson EPG
	Engineer	Boeing
	Application Engineer	AXIS, Inc.
Not career, full-time:	Software Developer	Microsoft
Part-time:	Coach	Self

In School

	<u>Program Level</u>	<u>Program</u>	<u>Institution</u>
BACHELOR'S	Doctoral:	MA in Mechanical Engineering	U. of Michigan
	Masters:	Mechanical Engineering	UW
	Professional:	UW Medical School	
MASTER'S	Doctoral:	Ph.D.	UW