

1997 GRADUATE SURVEY RESULTS

Electrical Engineering College of Engineering All Professional

Bachelor's Degree Recipients

TOTAL NUMBER OF GRADUATES SURVEYED	180	100%		703	100%		2,193	100%	
Questionnaires:									
Not returned -----	122	68%		442	63%		1,300	59%	
Not delivered by post office -----	9	5%		29	4%		104	5%	
Returned by graduate -----	49	27%		232	33%		789	36%	
Responding graduates currently:									
Working & not planning full-time school	41	84%		200	86%		680	87%	
Attending or waiting to attend school -	5	10%		26	11%		84	11%	
Unemployed -----	3	6%		6	3%		22	3%	

Master's Degree Recipients

TOTAL NUMBER OF GRADUATES SURVEYED	59	100%		247	100%		1,426	100%	
Questionnaires:									
Not returned -----	19	32%		92	37%		559	39%	
Not delivered by post office -----	7	12%		15	6%		93	7%	
Returned by graduate -----	33	56%		140	57%		774	54%	
Responding graduates currently:									
Working & not planning full-time school	30	91%		119	85%		699	91%	
Attending or waiting to attend school -	3	9%		19	14%		50	6%	
Unemployed -----				2	1%		22	3%	

Doctoral Degree Recipients

TOTAL NUMBER OF GRADUATES SURVEYED	20	100%		73	100%		615	100%	
Questionnaires:									
Not returned -----	12	60%		32	44%		268	44%	
Not delivered by post office -----	1	5%		6	8%		42	7%	
Returned by graduate -----	7	35%		35	48%		305	50%	
Responding graduates currently:									
Working & not planning full-time school	7	100%		34	97%		287	94%	
Attending or waiting to attend school -							9	3%	
Unemployed -----				1	3%		8	3%	

DEMOGRAPHIC SUMMARY - Bachelor's Degree Recipients

Electrical Engineering College of Engineering All Professional

Working

JOB IS: Full-time, career field, permanent--	27	66%		126	64%		350	52%	
Full-time, career field, will change	10	24%		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-----	2	5%		5	3%		40	6%	
WORK IS: Definitely beneath my level----				9	5%		73	11%	
Somewhat beneath my level-----	13	32%		38	19%		139	21%	
At an appropriate level-----	28	68%		149	75%		458	68%	
At too advanced a level-----				3	2%		7	1%	
ATTENDING SCHOOL? Yes, related to UW education----	2	5%		10	5%		26	4%	
Yes, career related, new area---	6	15%		25	13%		58	9%	
Yes, not career related-----	1	2%		2	1%		14	2%	
No-----	32	78%		162	81%		577	85%	
MONTHLY INCOME: Under \$500-----							5	1%	
\$500 - 999-----							19	3%	
1000- 1499-----				8	4%		50	7%	
1500- 1999-----	1	2%		9	5%		78	12%	
2000- 2499-----	10	24%		26	13%		147	22%	
2500- 2999-----	4	10%		29	15%		120	18%	
3000- 3499-----	7	17%		49	25%		96	14%	
3500- 3999-----	13	32%		47	24%		74	11%	
4000- 4500-----	6	15%		19	10%		43	6%	
Over \$4500-----				10	5%		38	6%	
JOB LOCATION: King, Pierce, Snohomish----	8	24%		58	35%		286	49%	
Other Washington counties---	14	41%		60	36%		176	30%	
Alaska, Idaho, Oregon-----	5	15%		13	8%		31	5%	
California, Hawaii-----	3	9%		17	10%		38	7%	
Mountain states-----	1	3%		3	2%		12	2%	
Central states-----	2	6%		6	4%		12	2%	
Eastern states-----	1	3%		9	5%		27	5%	
International-----									

Attending School

LEVEL OF EDUCATIONAL PROGRAM: Undergraduate-	2	33%		9	25%		38	31%	
Master's-----				5	14%		8	7%	
Doctoral-----	4	67%		18	50%		56	46%	
Professional--				3	8%		19	16%	
Vocational----									
Other-----				1	3%		1	1%	
ARE YOU ALSO EMPLOYED? Yes, by the school---	1	17%		14	45%		30	27%	
Yes, other part-time-				3	10%		21	19%	
Yes, other full-time-	3	50%		5	16%		19	17%	
No-----	2	33%		9	29%		40	36%	

Unemployed

LOOKING FOR WORK? Yes, career field only----	1	25%		3	30%		13	37%	
Yes, any field-----									
Yes, may be temporary----	1	25%		2	20%		3	9%	
No, traveling, etc.-----				1	10%		6	17%	
No, deciding what to do---							2	6%	
No, not at present-----	2	50%		4	40%		11	31%	

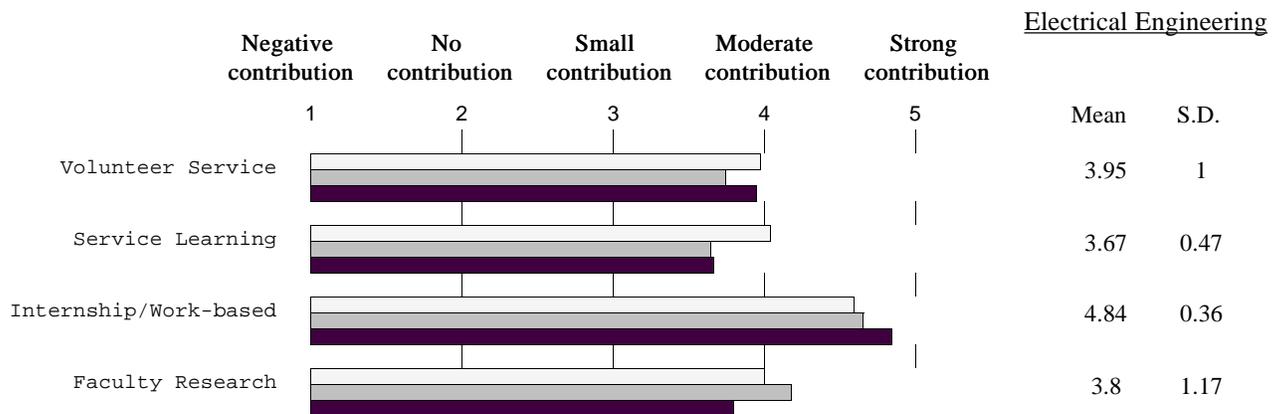
STUDENT INVOLVEMENT - Bachelor's Degree Recipients

While a UW student, did you participate in: Electrical Engineering College of Engineering All Professional

	Yes	No	Yes	No	Yes	No
Community volunteer service (outside of UW) -----	19	30	94	137	411	373
Community service as part of a UW course (Service learning) -----	3	46	17	214	122	657
A public service internship or other work-based learning (for credit or pay) -----	19	30	101	130	356	427
Faculty research beyond being a research subject -----	5	44	56	175	143	636

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

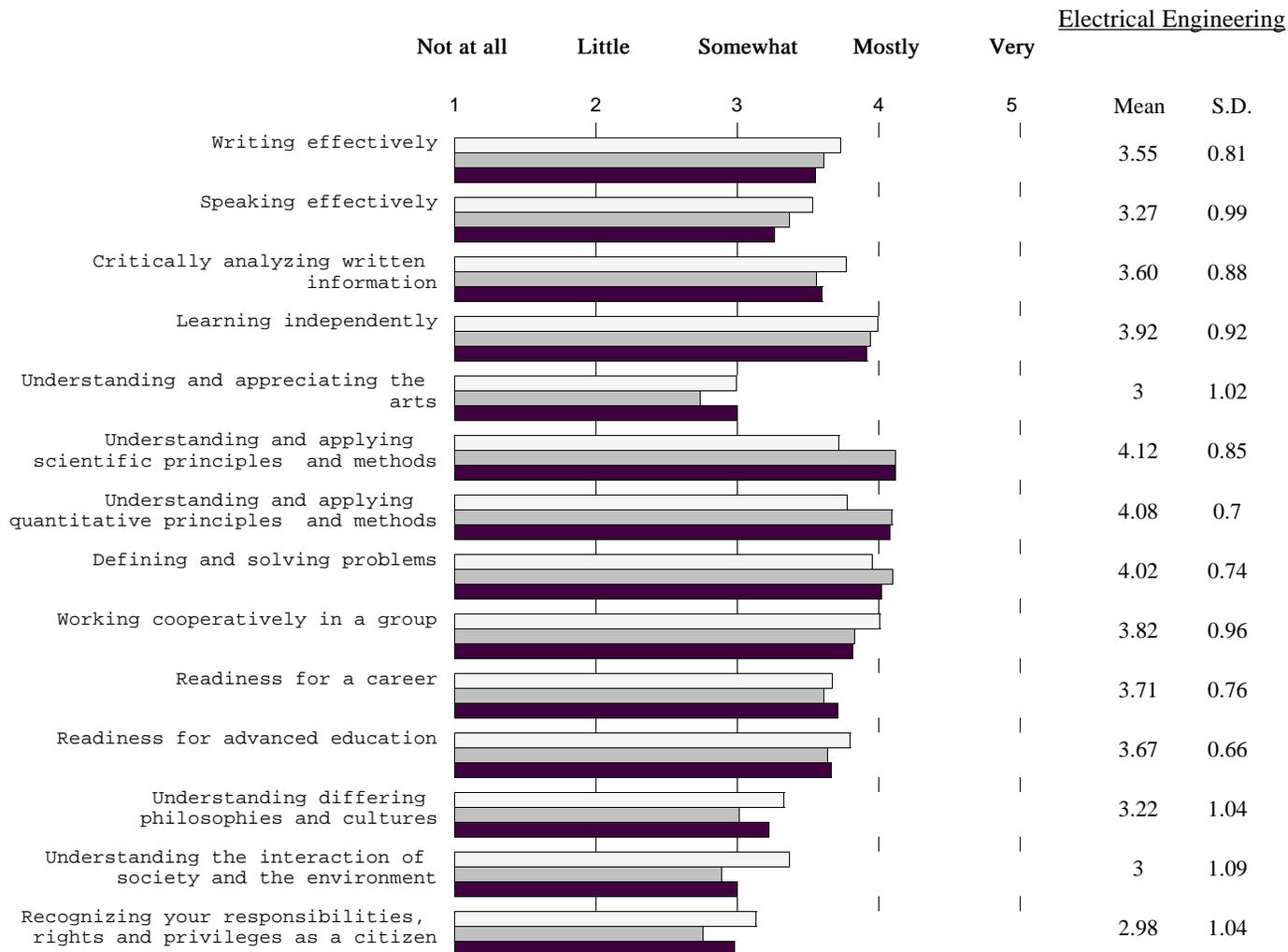
Electrical Engineering
College of Engineering
All Professional



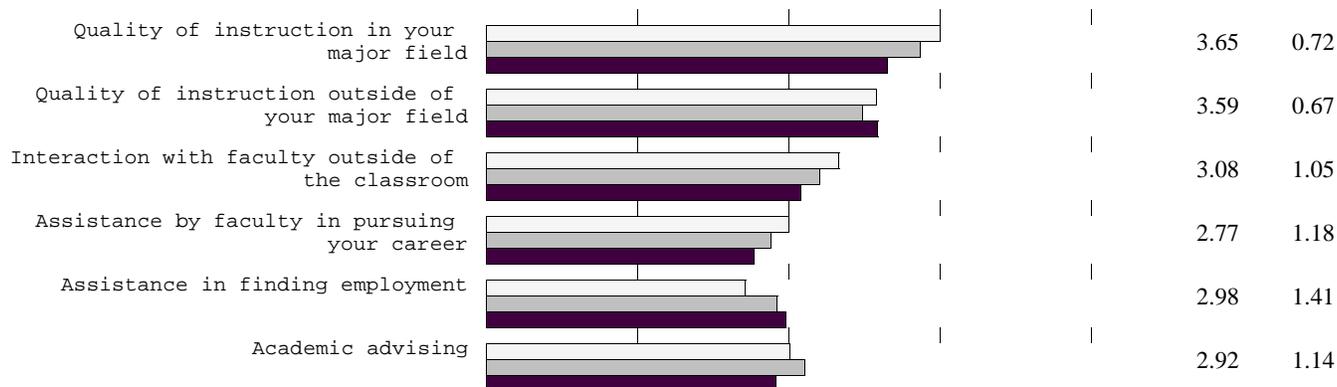
STUDENT OUTCOMES - Bachelor's Degree Recipients

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

Electrical 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>Electrical Engineering</u>		<u>College of Engineering</u>		<u>All Professional</u>	
Working						
JOB IS:						
Full-time, career field, permanent--	19	63%	81	69%	415	60%
Full-time, career field, will change	9	30%	25	21%	145	21%
Full-time, outside career field-----			2	2%	14	2%
Full-time, temporary-----	1	3%	5	4%	36	5%
Part-time-----	1	3%	5	4%	81	12%
WORK IS:						
Definitely beneath my level-----	1	3%	6	5%	32	5%
Somewhat beneath my level-----	6	20%	25	21%	141	20%
At an appropriate level-----	21	70%	85	72%	518	75%
At too advanced a level-----	2	7%	2	2%	3	1%
ATTENDING SCHOOL?						
Yes, post-graduate in my degree---	3	10%	7	6%	66	10%
Yes, career related, new area---	11	37%	38	32%	105	15%
Yes, not career related-----	4	13%	9	8%	29	4%
No-----	12	40%	63	54%	486	71%
MONTHLY INCOME:						
Under \$500-----			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-----	1	3%	7	6%	95	14%
3000- 3499-----	6	20%	26	22%	99	14%
3500- 3999-----	2	7%	13	11%	61	9%
4000- 4500-----	8	27%	20	17%	47	7%
Over \$4500-----	13	43%	39	33%	135	20%
JOB LOCATION:						
King, Pierce, Snohomish-----	8	32%	38	36%	319	52%
Other Washington counties---	6	24%	30	29%	142	23%
Alaska, Idaho, Oregon-----	1	4%	7	7%	36	6%
California, Hawaii-----	5	20%	9	9%	50	8%
Mountain states-----	1	4%	5	5%	16	3%
Central states-----	2	8%	7	7%	22	4%
Eastern states-----	1	4%	8	8%	30	5%
International-----	1	4%	1	1%	1	1%
JOB SEARCH:						
Newspaper ads-----	1	6%	19	23%	92	21%
World wide web/internet-----	8	44%	20	24%	79	18%
Employment agency-----	3	17%	7	8%	23	5%
Professional organization-----	1	6%	11	13%	113	26%
Faculty advisor or committee---	5	28%	27	32%	129	30%

DEMOGRAPHIC SUMMARY - Master's Degree Recipients

Electrical Engineering College of Engineering All Professional

Attending School

LEVEL OF EDUCATIONAL PROGRAM: Undergraduate-							
Master's-----			1	3%	▮	5	5%
Doctoral-----	3	100%	▮	27	93%	▮	81
Professional--						7	7%
Vocational----						1	1%
Other-----			1	3%	▮	1	1%
ARE YOU ALSO EMPLOYED? Yes, by the school---	2	50%	▮	15	62%	▮	38
Yes, other part-time-						6	8%
Yes, other full-time-			4	17%	▮	13	17%
No-----	2	50%	▮	5	21%	▮	19

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%

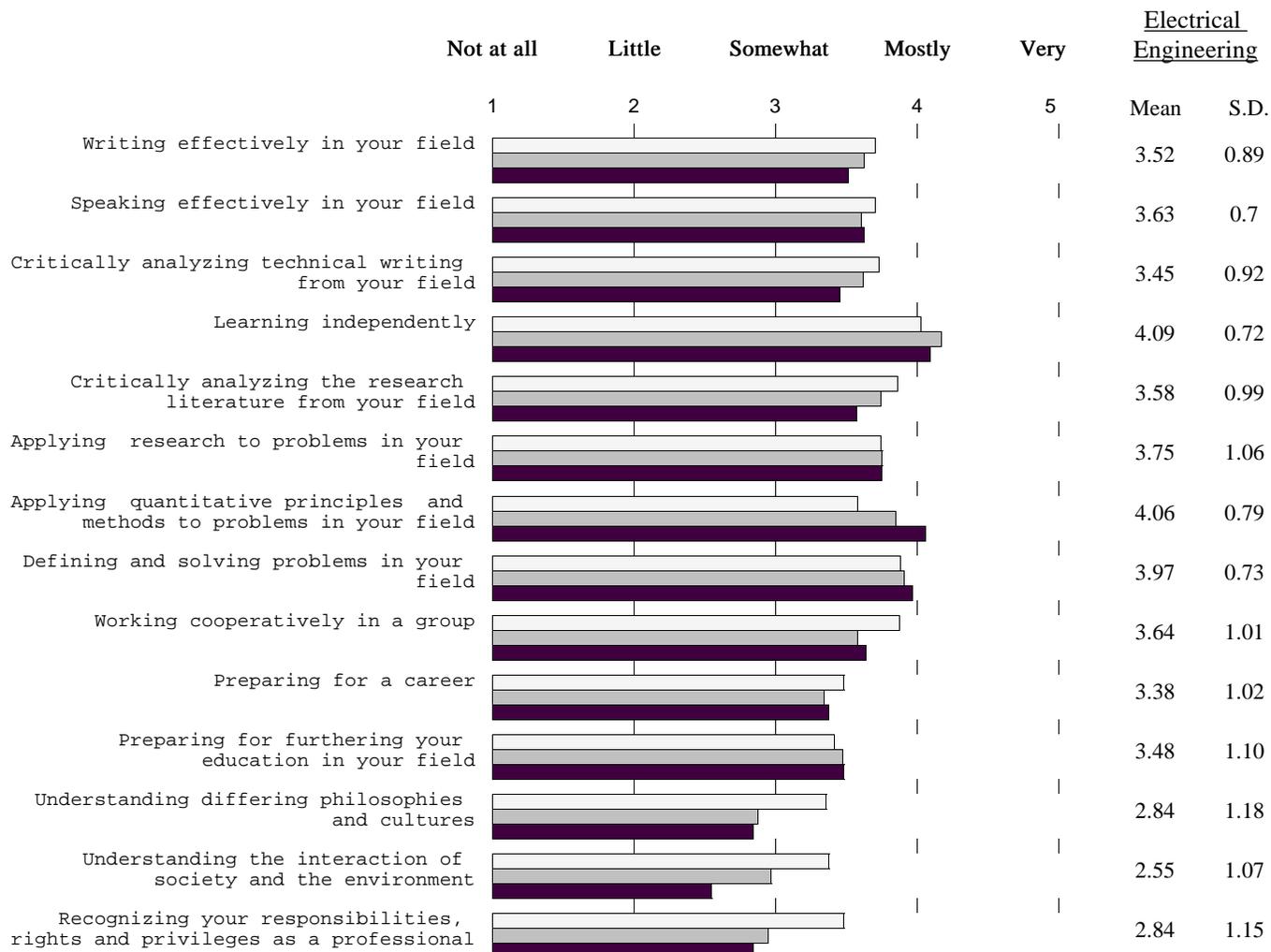
TYPE OF EMPLOYER - Master's Degree Recipients

Business (for profit)-----	10	31%	▮	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--	1	3%	▮	5	4%	▮	25	3%
Postdoctoral appointment-----				1	1%	▮	9	1%
Government agency-----	1	3%	▮	15	11%	▮	90	12%
Industry-----	18	56%	▮	48	35%	▮	63	8%
Law firm-----							11	1%
Medical faculty-----				1	1%	▮	77	10%
Military-----	1	3%	▮	5	4%	▮	15	2%
Private practice-----				3	2%	▮	16	2%
Self-employed-----	1	3%	▮	4	3%	▮	17	2%
Social service agency-----							41	5%
Other-----				3	2%	▮	38	5%

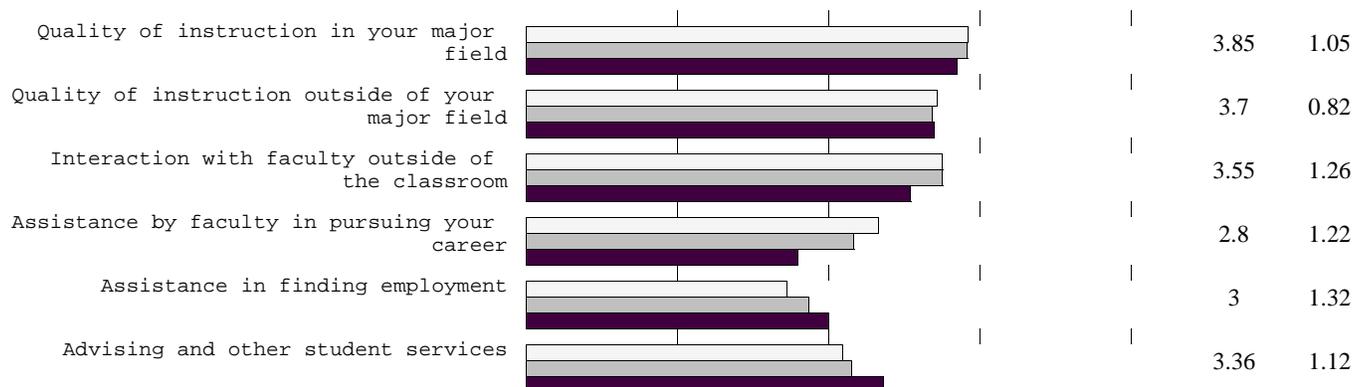
STUDENT OUTCOMES - Master's Degree Recipients

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

Electrical 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?



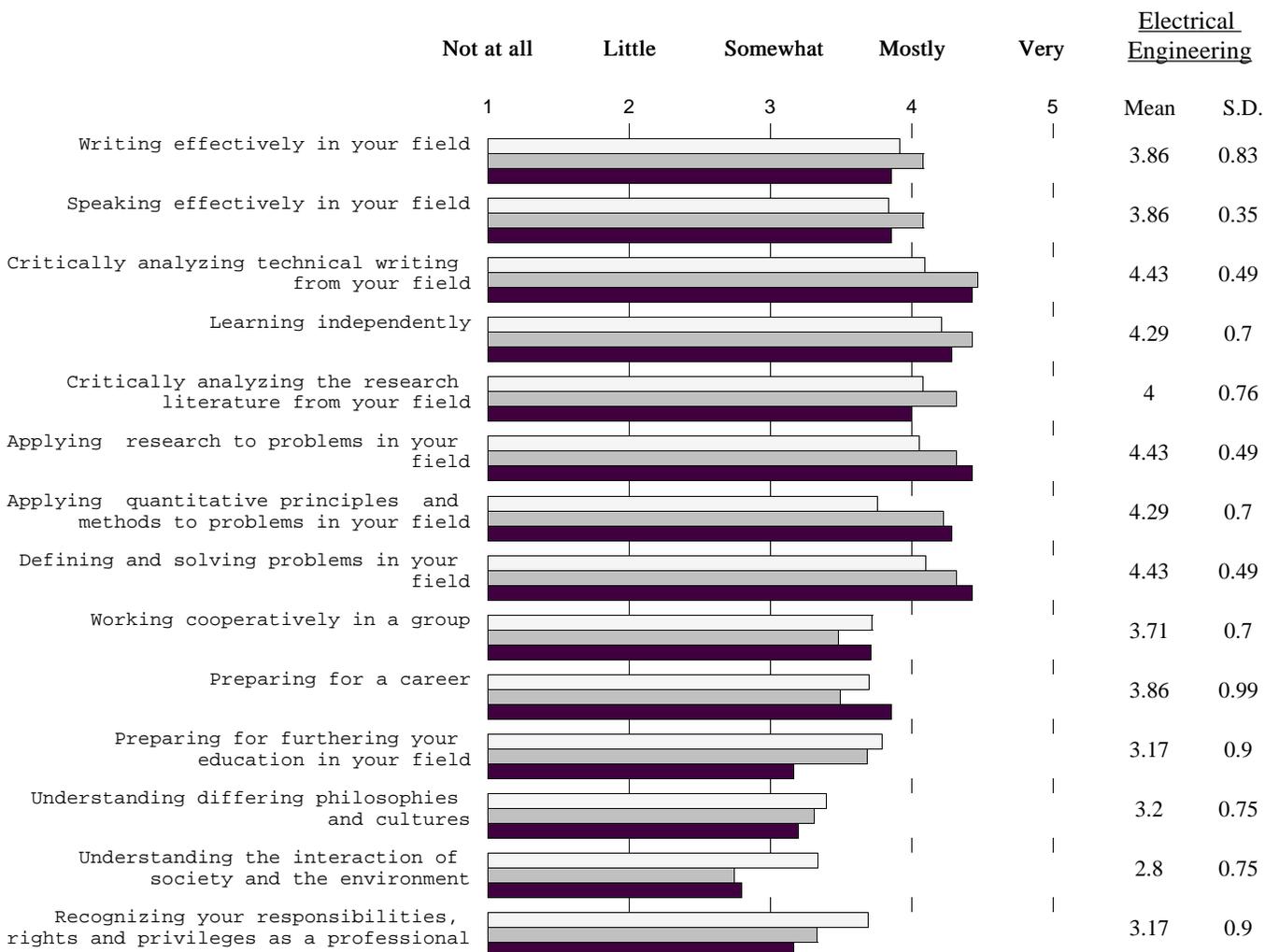
DEMOGRAPHIC SUMMARY - Doctoral Degree Recipients

	<u>Electrical Engineering</u>		<u>College of Engineering</u>		<u>All Professional</u>	
Working						
JOB IS: Full-time, career field, permanent--	6	86%	24	71%	156	55%
Full-time, career field, will change			5	15%	79	28%
Full-time, outside career field-----					10	4%
Full-time, temporary-----	1	14%	4	12%	26	9%
Part-time-----			1	3%	12	4%
WORK IS: Definitely beneath my level-----			2	6%	12	4%
Somewhat beneath my level-----			3	9%	32	11%
At an appropriate level-----	7	100%	29	85%	241	84%
At too advanced a level-----					1	1%
ATTENDING SCHOOL? Yes, post-graduate in my degree--					10	4%
Yes, career related, new area---	1	14%	3	9%	20	7%
Yes, not career related-----					10	4%
No-----	6	86%	31	91%	243	86%
MONTHLY INCOME: Under \$500-----	1	14%	2	6%	6	2%
\$500 - 999-----					2	1%
1000- 1499-----			1	3%	13	5%
1500- 1999-----					27	10%
2000- 2499-----					50	18%
2500- 2999-----			1	3%	35	13%
3000- 3499-----	1	14%	2	6%	30	11%
3500- 3999-----	1	14%	4	12%	24	9%
4000- 4500-----			5	15%	22	8%
Over \$4500-----	4	57%	18	55%	70	25%
JOB LOCATION: King, Pierce, Snohomish-----	2	33%	8	27%	106	41%
Other Washington counties---			3	10%	37	14%
Alaska, Idaho, Oregon-----	1	17%	2	7%	17	7%
California, Hawaii-----	1	17%	6	20%	32	12%
Mountain states-----					15	6%
Central states-----			1	3%	13	5%
Eastern states-----	2	33%	10	33%	39	15%
International-----						
JOB SEARCH: Newspaper ads-----	1	17%	2	8%	16	8%
World wide web/internet-----			2	8%	18	9%
Employment agency-----					4	2%
Professional organization-----	1	17%	6	25%	82	40%
Faculty advisor or committee---	4	67%	14	58%	85	41%

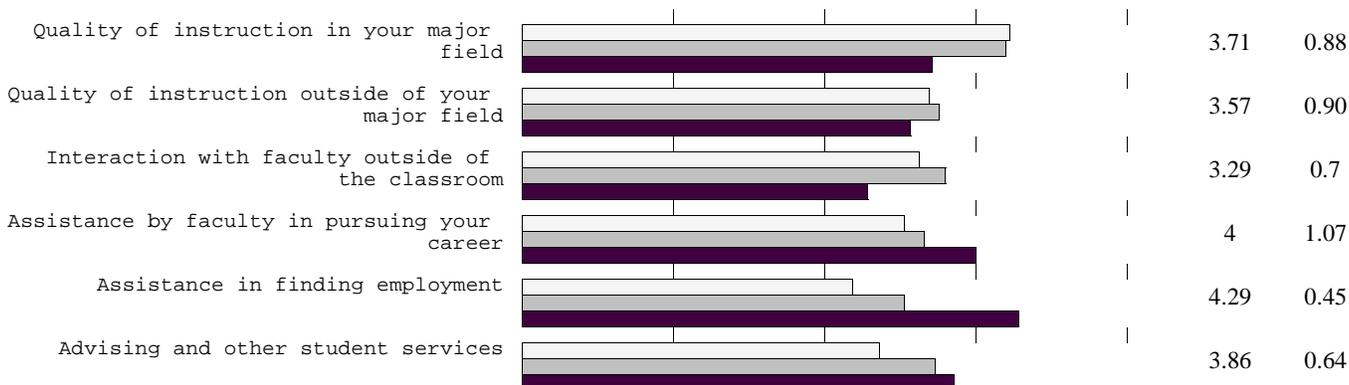
STUDENT OUTCOMES - Doctoral Degree Recipients

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

Electrical 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

Working		<u>Job Title</u>	<u>Employer</u>
BACHELOR'S	Permanent in career:	Officer	US Air Force
		Software Test Engineer	Microsoft
		Asso. Design Engineer	Fluke Corp.
		R & D Engineer	Hewlett-Packard
		2nd Lieutenant	USAF
		Software Engineer	Intel Corp.
		Design Engineer	PICCO
		Optimization Engineer I	Metawave Communications Corp
		2Lt, Student Pilot	USAF
		Design Engineer I	ADC Kentrox
		Software Engr.	Bluewater Systems, Inc.
		Senior Engineer	BOEING
		Electrical Engineer	Lattice Semiconductor
		Electrical Engineer	Physio Control Corp.
		Software Engineer	Starwave
	Software Design Engr Fortest	Microsoft	
	RF Engineer	US WEST	
	Electrical Engineer	Laser Fantasy International	
	Software Designer	ADC Kentrox	
	(Electronic) Design Engineer	RF Engineering	
	Product Support Engineer	Boeing	
	Electrical Engineer	Lattice Semiconductor	
	Career, change likely:	Associated Software Engineer	Accessline
		Engineer	Intel Corp.
		Design Engineer	Fluke Corporation
		Systems Design Engineer	Boeing
		Product Engineer	Cypress Semiconductor
		Systems Engineer	Siemens
		Computer Support Analyst	Clark College
	Not career, full-time:	Engineer	IBM
		Finance Assistant	Com. Foundation Silicon Valley
	Not career, temporary:	Electrical Engineering	General Dynamics
		Part-time:	Engineer
MASTER'S	Permanent in career:		Electronic Engineer
		Test Engineer	Primex Aerospace
		Project Manager	US Coast Guard
		Software Developer	Microsoft
		Engineer	JPL
		Electrical Engineer	AT & T Wireless
		Engineer	Boeing
		Electronics Engineer	Boeing
		Principle Physicist	Applied Physics Lab/UW
		Engineer	Siemens
		Design Engineer	National Instruments
		Design Engineer	Cypress Semicon. Co.
		Power Systems Applications Eng	ABB Systems Control
		RN Engineer	AT & T Wireless Services
		Engineer	IBM
Design Engineer	National Semiconductor Corp.		
CAD Engineer	Intel Corporation		
Software Engineer	Self		
Design Engineer	SGI		
Materials Engineer	Hewlett-Packard		

Working		<u>Job Title</u>	<u>Employer</u>
Career, change likely:	AMHS Project Mgr. Engineer II Engineer Process Technology Engineer Reliability Engineer Software Engineer Optimization Engineer	Intel UW IC Company Duet Technologies Boeing Volt Information Metaware Communications	
Not career, temporary:	Software Design Engineer	Volt Computer	
Part-time:	Digital Radio Engineer	AT & T Wireless Services	

In School		<u>Program Level</u>	<u>Program</u>	<u>Institution</u>
BACHELOR'S	Doctoral:	Computer Science Ph.D. in Electrical Engrg. Electrical Engineering Electrical & Computer Engineer	USC Stanford University Stanford U Carnegie Mellon University	
	Undergraduate:	BSCS	Seattle Univ.	
MASTER'S	Doctoral:	Electrical Engineerr Ph.D. Electrical Engineering	UW UW	

Unemployed		<u>Type of work seeking</u>
BACHELOR'S	Electrical Engineer Electrical Engineering	