

1999 GRADUATE SURVEY RESULTS

	Chemistry	A&S Natural Sciences	College of Arts and Sciences
Bachelor's Degree Recipients			
TOTAL NUMBER OF GRADUATES SURVEYED	148 100%	1,333 100%	4,385 100%
Questionnaires:			
Not returned	86 58%	818 61%	2,745 63%
Not delivered by post office	10 7%	68 5%	191 4%
Returned by graduate	52 35%	447 34%	1,449 33%
Responding graduates currently:			
Working & not planning full-time school	37 71%	321 72%	1,125 78%
Attending or waiting to attend school	15 29%	113 25%	253 17%
Unemployed		13 3%	71 5%

	Chemistry	A&S Natural Sciences	College of Arts and Sciences
Master's Degree Recipients			
TOTAL NUMBER OF GRADUATES SURVEYED	17 100%	136 100%	459 100%
Questionnaires:			
Not returned	10 59%	64 47%	251 55%
Not delivered by post office		5 4%	16 3%
Returned by graduate	7 41%	67 49%	192 42%
Responding graduates currently:			
Working & not planning full-time school	3 43%	45 67%	110 57%
Attending or waiting to attend school	4 57%	22 33%	70 36%
Unemployed			12 6%

	Chemistry	A&S Natural Sciences	College of Arts and Sciences
Doctoral Degree Recipients			
TOTAL NUMBER OF GRADUATES SURVEYED	21 100%	120 100%	253 100%
Questionnaires:			
Not returned.....	13 62%	49 41%	106 42%
Not delivered by post office	1 5%	9 8%	20 8%
Returned by graduate	7 33%	62 52%	127 50%
Responding graduates currently:			
Working & not planning full-time school	7 100%	60 97%	119 94%
Attending or waiting to attend school		2 3%	2 2%
Unemployed			6 5%

DEMOGRAPHIC SUMMARY - Bachelor's Degree Recipients

	Chemistry		A&S Natural Sciences		College of Arts and Sciences	
Current primary activity						
EMPLOYED BY A US ORGANIZATION						
Public sector:						
Postsecondary education	8	17% ■	34	8% □	58	5% □
K-12 education			5	1%	24	2%
Government or military	6	13% ■	38	10% □	100	8% □
Private sector, including education:						
Non-profit	7	15% ■	50	12% □	116	9% □
For profit	12	26% ■	133	33% □	568	45% □
Museum						
EMPLOYED BY AN INTERNATIONAL ORGANIZATION						
In the US	1	2%	14	4% □	48	4% □
Outside of the US	1	2%	2	1%	11	1%
CONTINUING YOUR EDUCATION	11	24% ■	110	28% □	265	21% □
UNEMPLOYED			14	4% □	69	5% □

Working

JOB IS: Full-time, career field, permanent	6	16% ■	56	18% □	257	23% □
Full-time, career field, will change	20	54% ■	109	35% □	390	36% □
Full-time, outside career field	4	11% ■	71	23% □	248	23% □
Full-time, temporary	1	3%	46	15% □	114	10% □
Part-time	6	16% ■	33	10% □	88	8% □
WORK IS: Definitely beneath my level	11	30% ■	77	25% □	234	21% □
Somewhat beneath my level	7	19% ■	90	29% □	318	29% □
At an appropriate level	18	49% ■	139	44% □	517	47% □
At too advanced a level	1	3%	7	2%	23	2%
ATTENDING SCHOOL? Yes, related to UW education	3	9% ■	12	4% □	37	3% □
Yes, career related, new area	3	9% ■	30	10% □	122	11% □
Yes, not career related	2	6%	14	4% □	37	3% □
No	27	77% ■	257	82% □	900	82% □
MONTHLY INCOME: Under \$1000	5	14% ■	29	9% □	77	7% □
1000- 1499	4	11% ■	56	18% □	190	17% □
1500- 1999	5	14% ■	67	21% □	216	20% □
2000- 2499	14	39% ■	80	25% □	270	25% □
2500- 2999	2	6%	34	11% □	124	11% □
3000- 3499	3	8% ■	15	5% □	76	7% □
3500- 3999	2	6%	14	4% □	64	6% □
4000- 4500			5	2%	31	3%
4500- 4999			3	1%	11	1%
5000- 5499			5	2%	16	1%
5500- 5999			1	1%	4	1%
Over \$6000	1	3%	6	2%	19	2%

JOB LOCATION:	King, Pierce, Snohomish	21	62%		192	64%		618	60%	
	Other Washington counties	5	15%		53	18%		203	20%	
	Alaska, Idaho, Oregon	1	3%		2	1%		16	2%	
	California, Hawaii				20	7%		76	7%	
	Mountain states	1	3%		6	2%		26	3%	
	Central states	2	6%		3	1%		16	2%	
	Eastern states	1	3%		15	5%		48	5%	
	International	3	9%		11	4%		29	3%	
JOB SEARCH:	Newspaper ads	5	12%		58	16%		197	16%	
	The Internet	5	12%		59	16%		198	16%	
	Professional organization	1	2%		10	3%		45	4%	
	Employment agency	3	7%		20	5%		93	7%	
	Faculty advisor or committee	6	14%		19	5%		40	3%	
	Networking/personal contacts	22	51%		186	51%		613	48%	
	UW Center for Career Services	1	2%		14	4%		78	6%	

Attending School

LEVEL OF EDUCATIONAL PROGRAM:	Bachelor's	1	5%		8	6%		26	8%	
	Terminal Master				15	12%		40	13%	
	Master's/PhD	6	32%		52	42%		112	36%	
	Professional	9	47%		39	31%		97	31%	
	Vocational				2	2%		14	5%	
	Other	3	16%		9	7%		21	7%	
ARE YOU ALSO EMPLOYED?	Yes, by the school	4	25%		27	22%		72	24%	
	Yes, other part-time	1	6%		23	19%		66	22%	
	Yes, other full-time	2	12%		7	6%		20	7%	
	No	9	56%		64	53%		138	47%	

Unemployed

REASON NOT WORKING	Volunteering				1	5%		7	9%	
	Raising a family				8	42%		16	22%	
	Taking care of an ill relative									
	Traveling, etc.				2	11%		15	20%	
	Looking for work				4	21%		17	23%	
	Deciding what to do				1	5%		4	5%	
	Taking time off				2	11%		5	7%	
	Disillusioned about job search				1	5%		10	14%	

STUDENT INVOLVEMENT - Bachelor's Degree Recipients

Chemistry A&S Natural Sciences College of Arts and Sciences

If I had to make my college choice over again, I would choose to attend UW.

Strongly disagree	1	2%	16	4%	47	3%
Disagree	3	6%	35	8%	124	9%
Indifferent	7	14%	62	14%	197	14%
Agree	19	38%	170	39%	548	38%
Strongly agree	20	40%	154	35%	513	36%

During the past year, how many hours each month, on average, did you devoted to volunteer work or a community action program?

None	18	36%	188	43%	625	44%
1 - 3	10	20%	88	20%	336	24%
4 - 6	6	12%	49	11%	145	10%
7 - 10	5	10%	42	10%	121	8%
Over 10	11	22%	72	16%	198	14%

In the past year, approximately how much have you contributed monetarily to charities or philanthropies?

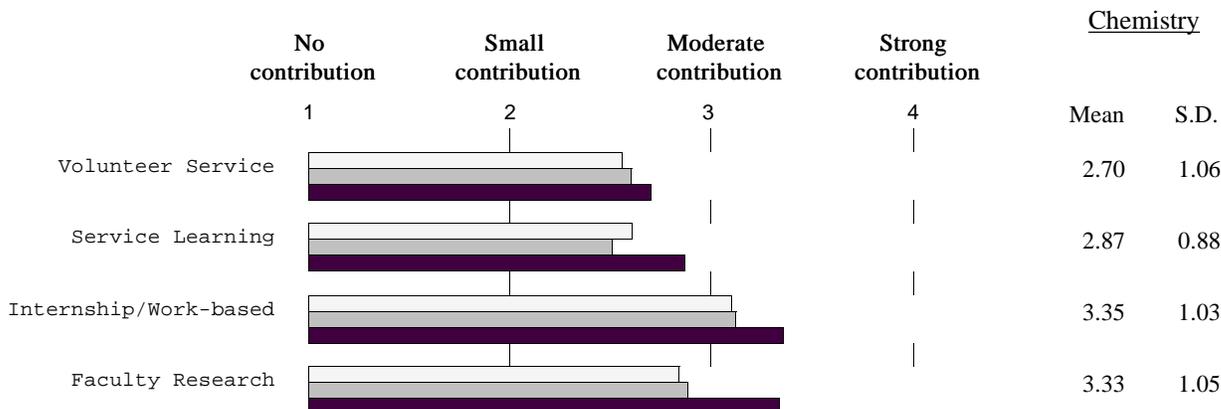
Less than \$100	32	65%	312	72%	969	69%
\$100 - 250	9	18%	62	14%	217	15%
\$250 - 500	2	4%	21	5%	87	6%
\$500 - 1000	3	6%	13	3%	59	4%
Over \$1000	3	6%	27	6%	81	6%

While a UW student, did you participate in:

	Yes	No	Yes	No	Yes	No
Community volunteer service (outside of UW)	33	17	274	158	825	583
Community service as part of a UW course (Service learning)	15	35	83	343	305	1,085
A public service internship or other work-based learning (for credit or pay)	17	34	128	299	521	877
Faculty research beyond being a research subject	39	12	236	193	395	994

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

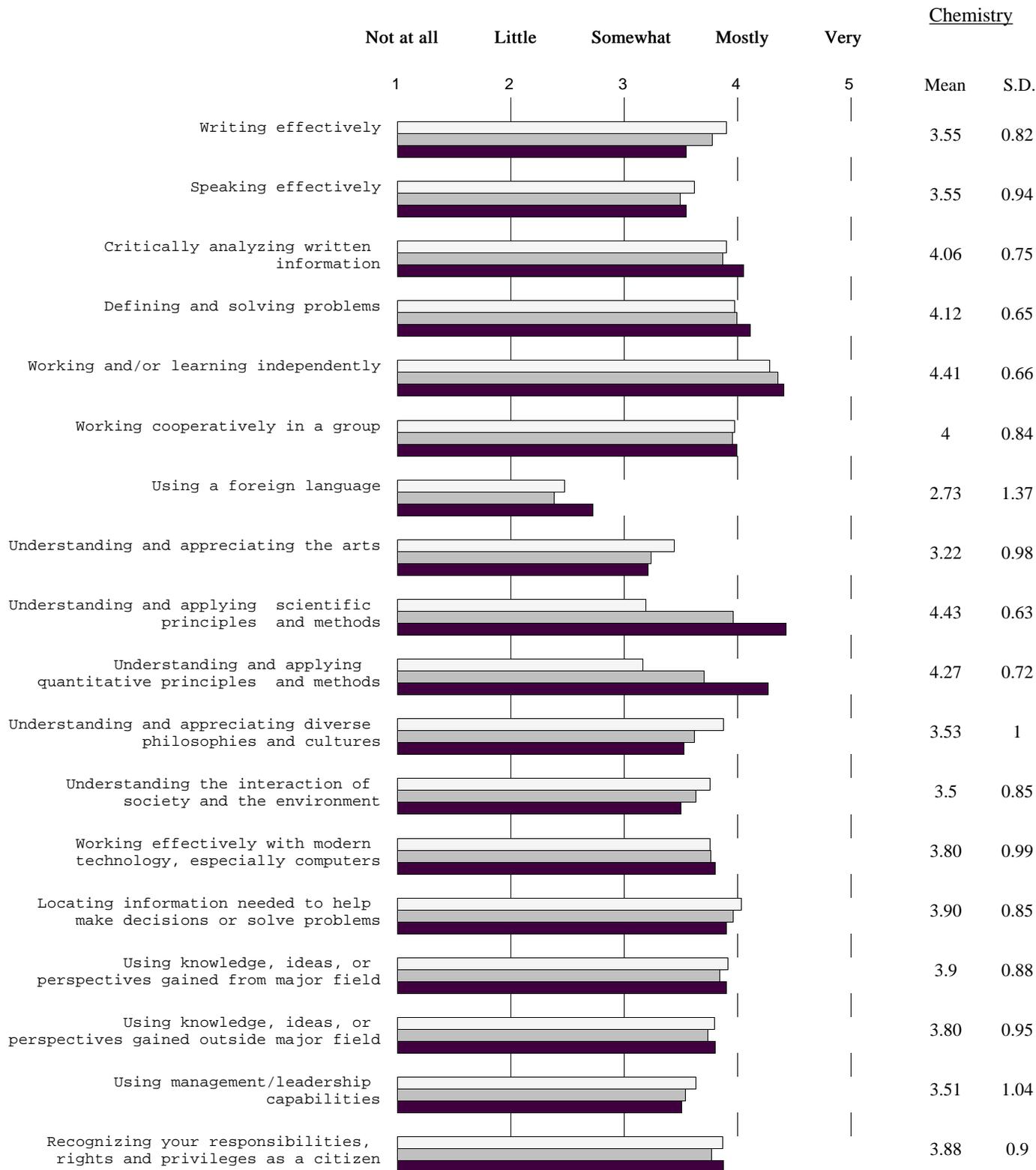
Chemistry
A&S Natural Sciences
College of Arts and Sciences



STUDENT OUTCOMES - Bachelor's Degree Recipients

YOUR SKILLS: Rate yourself on each of the following abilities.

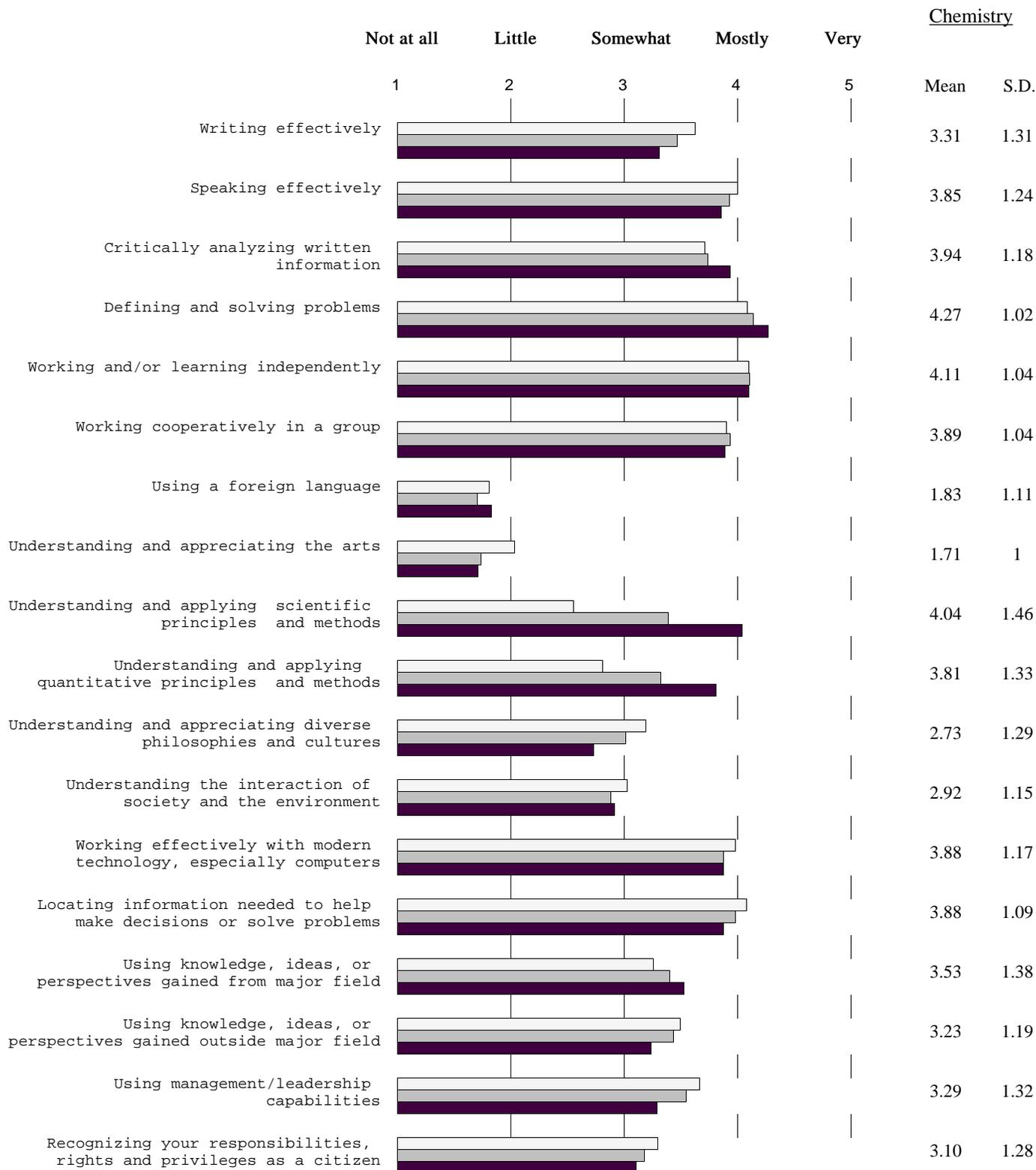
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STUDENT OUTCOMES - Bachelor's Degree Recipients

NECESSITY: How important are each of these abilities to your current primary activity?

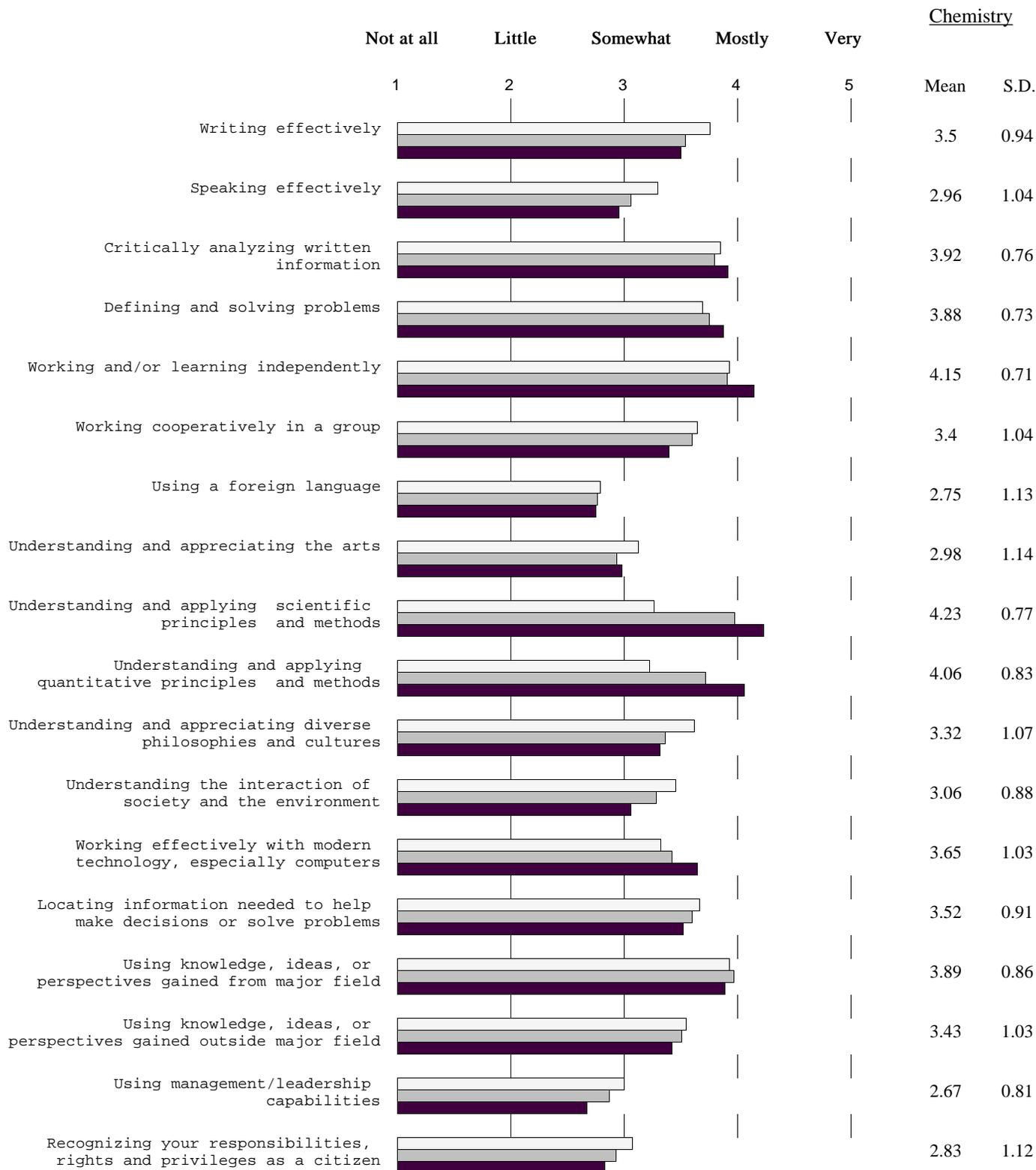
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College of Arts and Sciences



STUDENT OUTCOMES - Bachelor's Degree Recipients

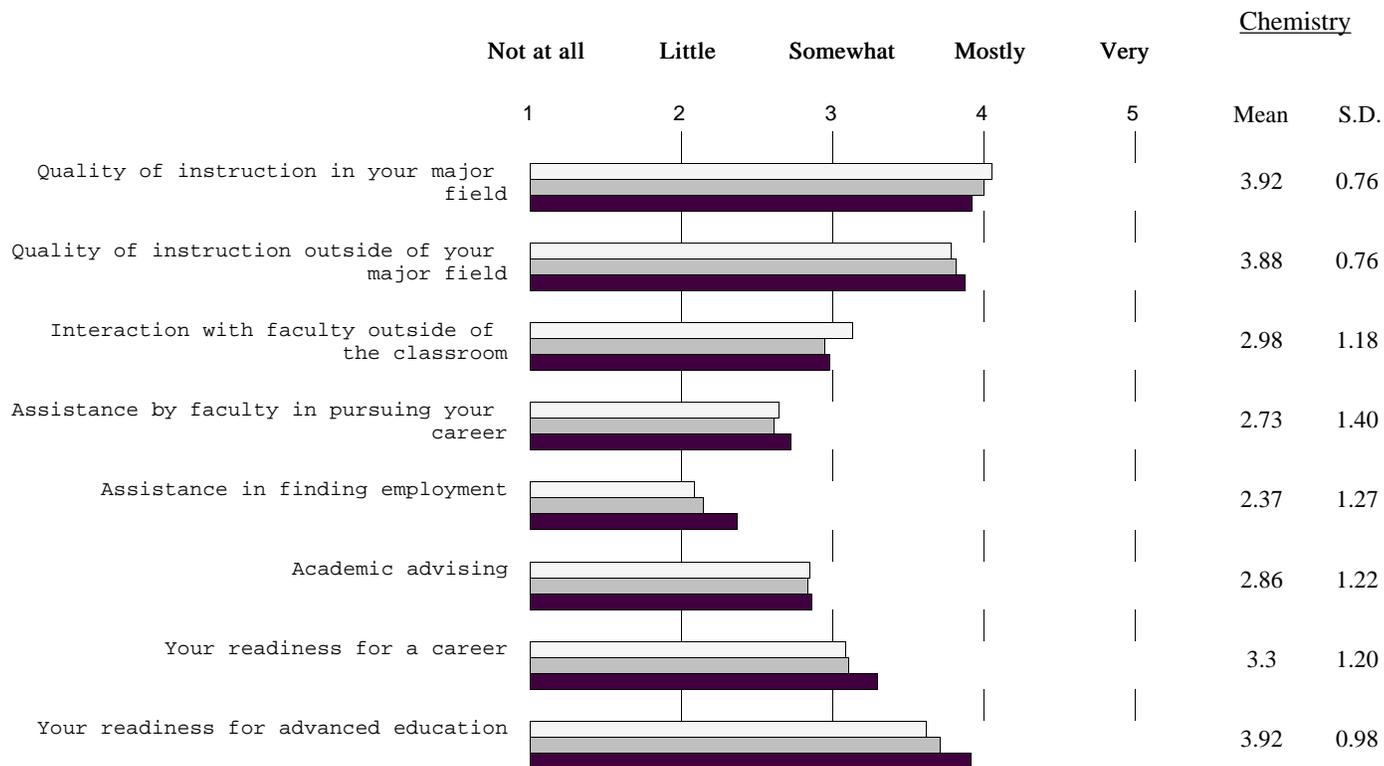
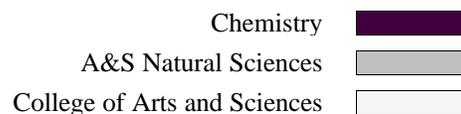
SATISFACTION: How satisfied are you with the University of Washington's contribution to your development in each area?

Chemistry
A&S Natural Sciences
College of Arts and Sciences



STUDENT OUTCOMES - Bachelor's Degree Recipients

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



DEMOGRAPHIC SUMMARY - Master's Degree Recipients

	Chemistry	A&S Natural Sciences	College of Arts and Sciences
Working			
JOB IS: Full-time, career field, permanent ...	1 33%	26 59%	51 47%
Full-time, career field, will change	2 67%	13 30%	29 27%
Full-time, outside career field		3 7%	10 9%
Full-time, temporary		1 2%	6 6%
Part-time		1 2%	12 11%
WORK IS: Definitely beneath my level		2 5%	10 9%
Somewhat beneath my level	1 33%	11 25%	28 26%
At an appropriate level	2 67%	31 70%	71 65%
At too advanced a level			
ATTENDING SCHOOL? Yes, post-graduate in my degree		9 20%	15 14%
Yes, career related, new area	2 67%	13 30%	21 20%
Yes, not career related		3 7%	7 7%
No	1 33%	19 43%	64 60%
MONTHLY INCOME: Under \$500			1 1%
\$500 - 999			2 2%
1000- 1499		2 5%	12 11%
1500- 1999	1 33%	4 9%	14 13%
2000- 2499		11 26%	24 22%
2500- 2999		4 9%	9 8%
3000- 3499	1 33%	10 23%	22 20%
3500- 3999	1 33%	4 9%	8 7%
4000- 4500		3 7%	5 5%
Over \$4500		5 12%	11 10%
JOB LOCATION: King, Pierce, Snohomish	1 33%	20 44%	47 44%
Other Washington counties		9 20%	17 16%
Alaska, Idaho, Oregon			3 3%
California, Hawaii	1 33%	5 11%	10 9%
Mountain states		1 2%	2 2%
Central states		2 4%	3 3%
Eastern states	1 33%	6 13%	19 18%
International		2 4%	7 6%
JOB SEARCH: Newspaper ads		6 17%	13 15%
World wide web/internet	2 100%	16 44%	31 36%
Employment agency			4 5%
Professional organization		4 11%	13 15%
Faculty advisor or committee		10 28%	24 28%

DEMOGRAPHIC SUMMARY - Master's Degree Recipients

	Chemistry		A&S Natural Sciences		College of Arts and Sciences	
Attending School						
LEVEL OF EDUCATIONAL PROGRAM: Undergraduate						
Master's					2	3% ▮
Doctoral	3	75% ▮	21	91% ▮	67	91% ▮
Professional ...	1	25% ▮	2	9% ▮	5	7% ▮
Vocational						
Other						
ARE YOU ALSO EMPLOYED?						
Yes, by the school	2	50% ▮	15	65% ▮	46	64% ▮
Yes, other part-time	2	50% ▮	3	13% ▮	8	11% ▮
Yes, other full-time			1	4% ▮	3	4% ▮
No			4	17% ▮	15	21% ▮
Unemployed						
LOOKING FOR WORK?						
Yes, career field only					2	12% ▮
Yes, any field					1	6% ▮
Yes, may be temporary					4	25% ▮
No, traveling, etc.					3	19% ▮
No, deciding what to do					1	6% ▮
No, not at present					5	31% ▮

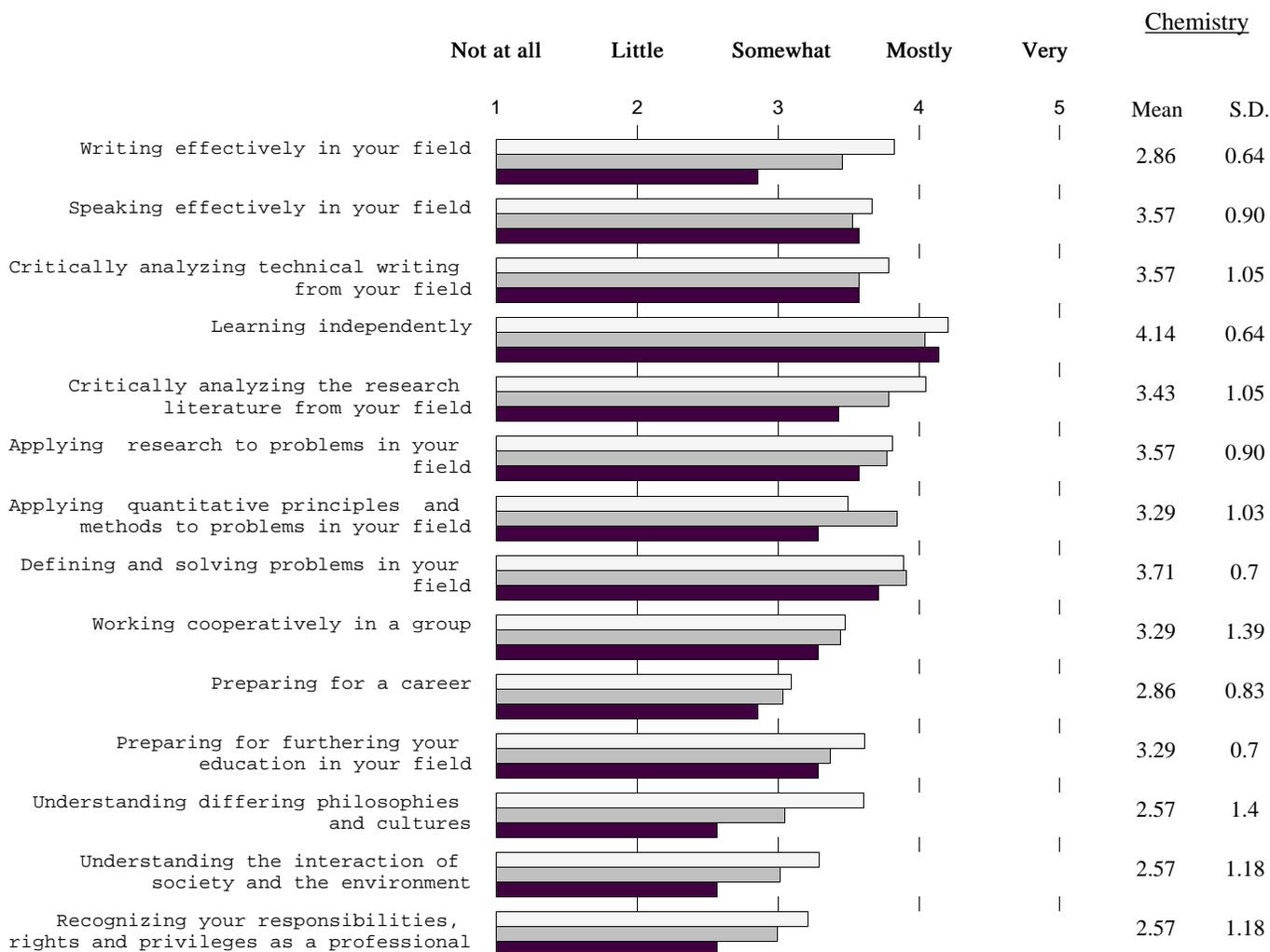
TYPE OF EMPLOYER - Master's Degree Recipients

Business (for profit)	1	14% ▮	8	12% ▮	28	15% ▮
Business (not for profit)			3	5% ▮	11	6% ▮
Education (K-12)			10	15% ▮	16	9% ▮
Education (post-secondary)						
Univ/college tenure-track faculty	1	14% ▮	7	11% ▮	26	14% ▮
Univ/college non-tenure-track faculty			1	2% ▮	22	12% ▮
Univ/college research or administrative ...			6	9% ▮	15	8% ▮
Postdoctoral appointment			5	8% ▮	6	3% ▮
Government agency	1	14% ▮	5	8% ▮	15	8% ▮
Industry	3	43% ▮	8	12% ▮	13	7% ▮
Law firm	1	14% ▮	2	3% ▮	4	2% ▮
Medical faculty			7	11% ▮	7	4% ▮
Military			1	2% ▮	2	1% ▮
Private practice			2	3% ▮	2	1% ▮
Self-employed					10	5% ▮
Social service agency					2	1% ▮
Other			1	2% ▮	7	4% ▮

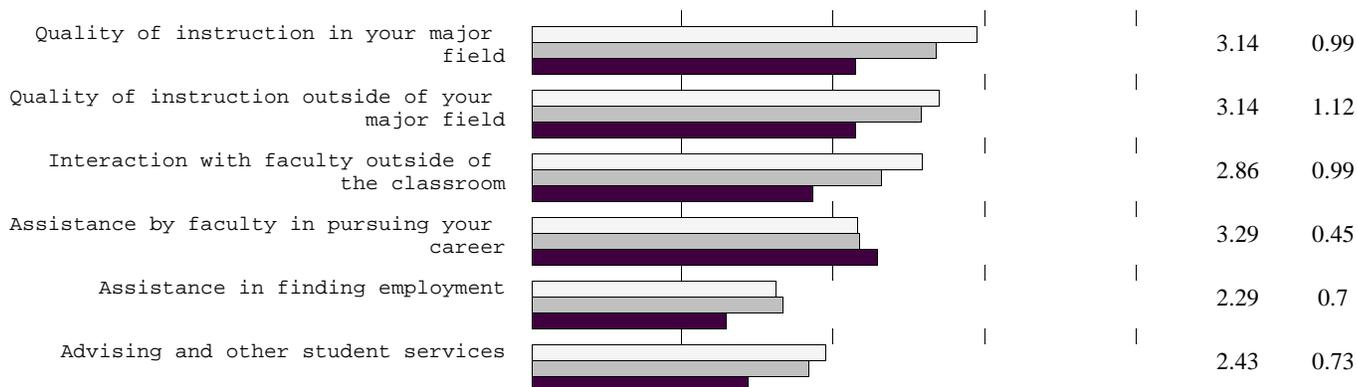
STUDENT OUTCOMES - Master's Degree Recipients

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

Chemistry 
A&S Natural Sciences 
College of Arts and Sciences 



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>Chemistry</u>		<u>A&S Natural Sciences</u>		<u>College of Arts and Sciences</u>	
Working						
JOB IS: Full-time, career field, permanent ...	2	29%	19	32%	39	33%
Full-time, career field, will change	4	57%	28	47%	40	34%
Full-time, outside career field			1	2%	3	3%
Full-time, temporary.....	1	14%	9	15%	20	17%
Part-time			3	5%	15	13%
WORK IS: Definitely beneath my level			2	3%	13	11%
Somewhat beneath my level	1	14%	4	7%	14	12%
At an appropriate level	6	86%	52	90%	89	76%
At too advanced a level					1	1%
ATTENDING SCHOOL? Yes, post-graduate in my degree					1	1%
Yes, career related, new area	1	14%	4	7%	9	8%
Yes, not career related			1	2%	1	1%
No	6	86%	55	92%	108	91%
MONTHLY INCOME: Under \$500						
\$500 - 999					4	3%
1000- 1499			2	3%	7	6%
1500- 1999	1	14%	7	12%	14	12%
2000- 2499	1	14%	11	19%	17	15%
2500- 2999	2	29%	7	12%	12	10%
3000- 3499	1	14%	13	22%	26	23%
3500- 3999			5	9%	11	10%
4000- 4500			4	7%	11	10%
Over \$4500	2	29%	9	16%	13	11%
JOB LOCATION: King, Pierce, Snohomish	4	57%	15	26%	37	33%
Other Washington counties			3	5%	6	5%
Alaska, Idaho, Oregon					7	6%
California, Hawaii			7	12%	8	7%
Mountain states			3	5%	4	4%
Central states	2	29%	7	12%	12	11%
Eastern states	1	14%	22	39%	37	33%
International						
JOB SEARCH: Newspaper ads	1	14%	2	3%	6	5%
World wide web/internet	1	14%	13	22%	23	21%
Employment agency					2	2%
Professional organization	2	29%	11	19%	27	25%
Faculty advisor or committee	3	43%	32	55%	52	47%

DEMOGRAPHIC SUMMARY - Doctoral Degree Recipients

	Chemistry	A&S Natural Sciences	College of Arts and Sciences
Attending School			
LEVEL OF EDUCATIONAL PROGRAM: Undergraduate	1 25%		1 12%
Master's			
Doctoral	2 50%		6 75%
Professional ...	1 25%		1 12%
Vocational			
Other			
ARE YOU ALSO EMPLOYED? Yes, by the school			
Yes, other part-time			
Yes, other full-time			
No	2 100%		4 100%
Unemployed			
LOOKING FOR WORK? Yes, career field only			2 29%
Yes, any field			1 14%
Yes, may be temporary			1 14%
No, traveling, etc.			2 29%
No, deciding what to do			
No, not at present			1 14%

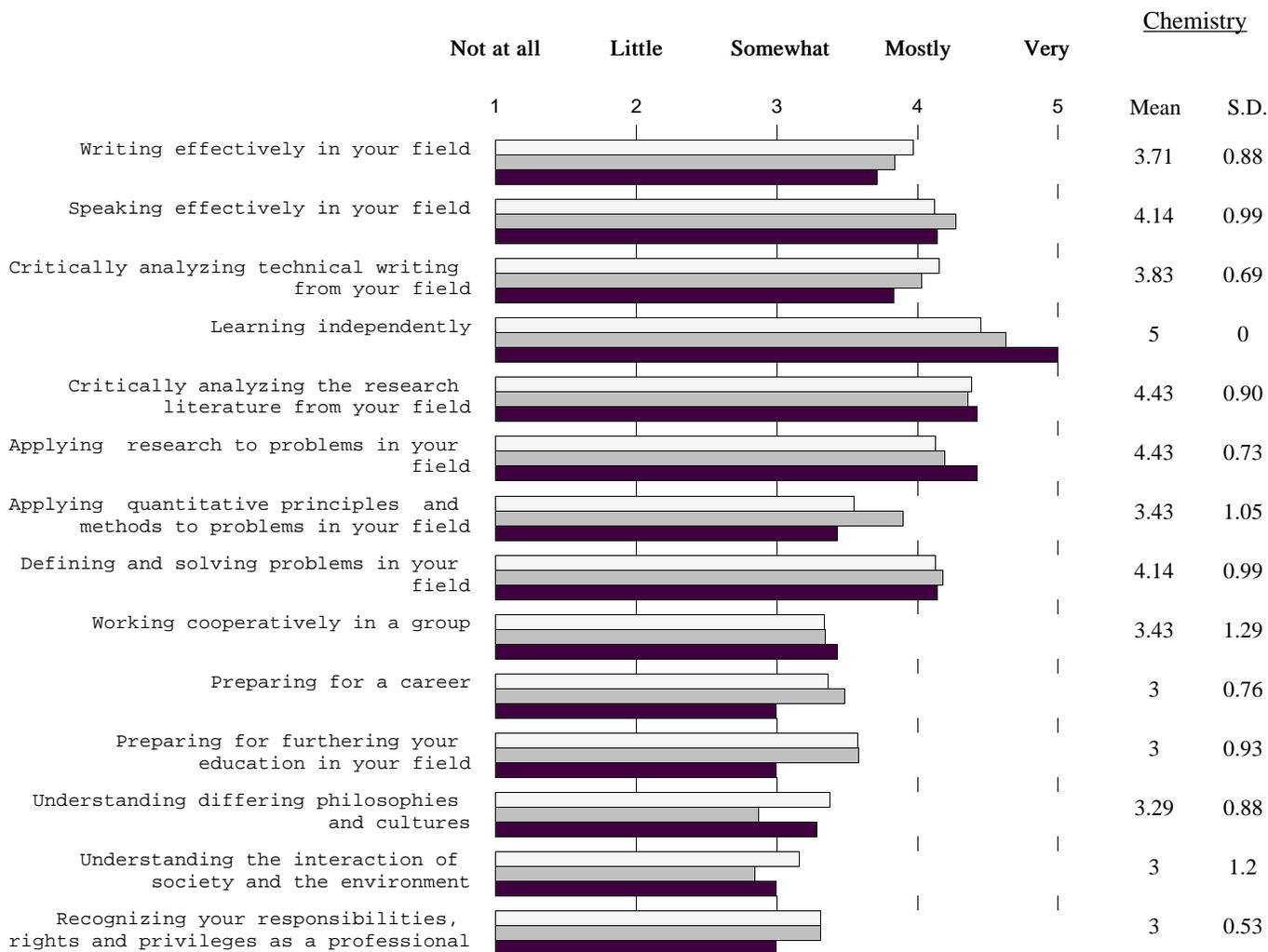
TYPE OF EMPLOYER - Doctoral Degree Recipients

Business (for profit)	2 29%	8 13%	12 10%
Business (not for profit)		1 2%	3 2%
Education (K-12)		1 2%	2 2%
Education (post-secondary)			
Univ/college tenure-track faculty		10 17%	29 24%
Univ/college non-tenure-track faculty	1 14%	5 8%	21 17%
Univ/college research or administrative ...		3 5%	5 4%
Postdoctoral appointment	3 43%	21 35%	26 21%
Government agency		2 3%	7 6%
Industry	1 14%	2 3%	2 2%
Law firm		1 2%	2 2%
Medical faculty		4 7%	5 4%
Military			1 1%
Private practice			
Self-employed		1 2%	6 5%
Social service agency			
Other		1 2%	2 2%

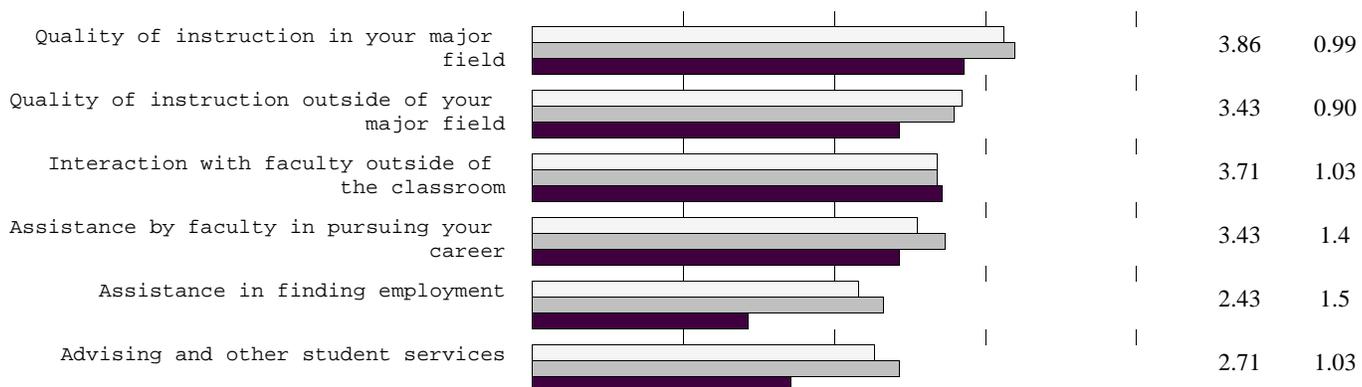
STUDENT OUTCOMES - Doctoral Degree Recipients

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

Chemistry 
A&S Natural Sciences 
College of Arts and Sciences 



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



CURRENT ACTIVITY ROSTER

Working		Job Title	Employer	
BACHELOR'S	Permanent in career:	medical student	U.S. navy	
		OWNER	SELF	
		RESEARCH ASSISTANT	ZYMO GENETICS	
		REG RESPIRATORY THERAPIST		
		research tech	UW	
		RESEARCH TECHNICIAN	UW	
		Career, change likely:	RESEARCH STUDY COORD	UW
			Lab Technician	UW Biochemsitry Dept.
			research technician I	UW
			RESEARCH TECHNICIAN	UW
	Production Chemist		ATMI	
	RESEARCH TECHNOLOGIST		GEORGE M MARTIN, MD	
	CHEMIST		UW	
	RESEARCH SCIENTIST		UW	
	PHARMACEUTICAL SALES REP			
	RESEARCH TECH I		UW	
	Not career, full-time:	INSURANCE AGENT	SAFECO	
		research technition	northwest hospital	
		LABORATORY TECHNICIAN	US BIOTECH	
		RESEARCH TECHNICIAN	FREDHUTCHINSON CANCER CTR	
		RESEARCH STUDY COORD	SINSTFORBIOMED&CLINCRES	
		ASST. SCIENTIST I	SCHERING PLOUGH RES INST	
		CHEM ENGR LAB ASST	ASSOCIATED WESTERN UNIVS	
		RESEARCH TECHNICIAN I	UW	
		Research Technologist 1	University of Washington	
		RECRUITER	INTEL CORP	
	Not career, temporary:	Part-time:	OWTIER	ATLAS PAINTING
			office assistant	center for health trng
		BARISTA	LA VALISE MNGR	
			STILL LIFE CAFÉ	
		research tech II	ut southwestern med sch	
		ski lift operator	rendevous ski resort	
		NANNY	HUSE FAMILY	
		LAB TECHNICIAN II	UW	
		SECRETARY	SPEARMAN ENGINEERING	
		ASSISTANT TEACHING ENGLIS		
MASTER'S	Permanent in career:	RESEARCH SCIENTIST	NADII	
	Career, change likely:	chemist	laucks testing labs	
		PROCESS REGULATORY ENGINE	ASHLAND SPEC CHEMICAL CO	

In School	Program Level	Program	Field of study	Institution
BACHELOR'S	Masters/Doctoral	M S	ENV. HEALTH SCIENCES	UCLA
		PhD	chemical physics	harvard
		ELEM		PACIFIC UNIVERSITY
		PhD	CHEMISTRY	MIT
	Professional	Medical School	Medicine	Johns Hopkins
		SCHOOL OF MEDICINE	MEDICINE	UNIFORMED SERVICES
		DENTISTRY	DENTISTRY	UW DENTAL SCHOOL
		PharmD	Pharmacy	UCSF
		UW SCHOOL OF MEDICINE		

In School	Program Level	Program	Field of study	Institution
		UW SOM	MEDICINE	UW
		D.D.S.	Dentistry	University of Washington
		MD	MD	U OF COLORADO
MASTER'S	Masters/Doctoral	chemistry ph.d.		UW
		CHEMISTRY		UW
		PHD IN CHEMISTRY		UW
	Professional	LAW SCHOOL		SEATTLE UNIV