

UW Alumni Survey Results 2015-2016 DOCTORAL/PROFESSIONAL Degree Recipients

	Electrical Engineering		College Of Engineering		All Professional		UW Seattle	
Graduates Surveyed								
	N	%	N	%	N	%	N	%
Total	30	100%	113	100%	1051	100%	1294	100%
Women	6	20%	26	23%	578	55%	707	55%
Men	24	80%	87	77%	473	45%	587	45%
African American	1	3%	3	3%	26	2%	33	3%
American Indian	0	0%	0	0%	14	1%	15	1%
Asian American	4	13%	9	8%	173	16%	189	15%
Caucasian	4	13%	42	37%	626	60%	759	59%
Hawaiian/Pacific Islander	0	0%	0	0%	5	0%	7	1%
Hispanic/Latino	0	0%	4	4%	64	6%	71	5%
Other/Not Indicated	21	70%	55	49%	143	14%	220	17%
International	19	63%	46	41%	89	8%	137	11%
Survey Response Rates								
	N	%	N	%	N	%	N	%
Total	12	40%	46	41%	390	37%	510	39%
Women	3	25%	11	24%	236	61%	299	59%
Men	9	75%	35	76%	154	39%	211	41%
African American	1	8%	2	4%	10	3%	13	3%
American Indian	0	0%	0	0%	7	2%	7	1%
Asian American	1	8%	3	7%	48	12%	56	11%
Caucasian	1	8%	17	37%	250	64%	318	62%
Hawaiian/Pacific Islander	0	0%	0	0%	1	0%	2	0%
Hispanic/Latino	0	0%	2	4%	23	6%	28	5%
Other/Not Indicated	9	75%	22	48%	51	13%	86	17%
International	7	58%	15	33%	31	8%	55	11%
Current Status								
	N	%	N	%	N	%	N	%
Employed for pay full time	10	83%	39	85%	322	83%	410	80%
Employed for pay part time	2	17%	2	4%	22	6%	37	7%
Participating in a volunteer or service program	0	0%	0	0%	0	0%	0	0%
Serving in the U.S. military	0	0%	0	0%	3	1%	3	1%
Enrolled in a program of continuing education	0	0%	1	2%	15	4%	16	3%
Planning to continue education	0	0%	0	0%	0	0%	0	0%
Seeking employment	0	0%	2	4%	13	3%	25	5%
Not seeking employment or continuing education	0	0%	0	0%	0	0%	1	0%
Other	0	0%	2	4%	15	4%	18	4%

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Employed Full Time or Part time**Type of employment**

	N	%	N	%	N	%	N	%
Employee working for a company or organization	8	67%	24	59%	170	50%	212	49%
Entrepreneur/self-employed	2	17%	3	7%	6	2%	6	1%
Temporary/contract work assignment	1	8%	2	5%	11	3%	16	4%
Freelance	0	0%	0	0%	2	1%	4	1%
Postgraduate internship or fellowship	0	0%	8	20%	114	34%	143	33%
Faculty tenure track position	0	0%	3	7%	16	5%	23	5%
Faculty non-tenure track position	0	0%	0	0%	9	3%	22	5%
Other	1	8%	1	2%	9	3%	10	2%

Career related

	N	%	N	%	N	%	N	%
Yes	12	100%	41	100%	331	98%	424	97%
No	0	0%	0	0%	6	2%	12	3%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	9	75%	22	54%	165	49%	200	46%
Other Washington	0	0%	0	0%	24	7%	29	7%
Alaska, Idaho, Oregon	0	0%	4	10%	28	8%	31	7%
California, Hawaii	2	17%	5	12%	32	10%	47	11%
Mountain states	0	0%	1	2%	18	5%	22	5%
Central states	0	0%	1	2%	21	6%	29	7%
Eastern states	1	8%	4	10%	32	10%	51	12%
International	0	0%	4	10%	15	4%	24	6%

Type of employer

	N	%	N	%	N	%	N	%
Private	7	78%	22	61%	111	35%	148	36%
Non-profit/NGO	1	11%	2	6%	67	21%	76	18%
Government	1	11%	9	25%	123	39%	171	42%
Other	0	0%	3	8%	14	4%	16	4%

Search time (weeks)

	N	8	30	231	301
Mean		18.1	12.4	10.2	10.2
SD		13	10	11	11
Range	9	48	1	52	0

Salary

	N	8	23	148	189
Mean		111,500	110,726	88,204	88,503
SD		24,791	28,561	33,507	33,455
Range	68,000	150,000	54,000	165,000	33,000

First year bonus

	N	3	6	29	40
Mean		31,067	23,700	11,432	11,999
SD		36,674	25,085	13,415	12,501
Range	1,200	72,000	1,200	72,000	700

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Participating in a Volunteer or Service Program**Program location**

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	0	0%	0	0%	0	0%	0	0%
Other Washington	0	0%	0	0%	0	0%	0	0%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%	0	0%
California, Hawaii	0	0%	0	0%	0	0%	0	0%
Mountain states	0	0%	0	0%	0	0%	0	0%
Central states	0	0%	0	0%	0	0%	0	0%
Eastern states	0	0%	0	0%	0	0%	0	0%
International	0	0%	0	0%	0	0%	0	0%

Serving in the US Military**Service branch**

	N	%	N	%	N	%	N	%
Air Force	0	0%	0	0%	1	50%	1	50%
Army	0	0%	0	0%	0	0%	0	0%
Coast Guard	0	0%	0	0%	0	0%	0	0%
Marine Corps	0	0%	0	0%	0	0%	0	0%
Navy	0	0%	0	0%	1	50%	1	50%

Status

	N	%	N	%	N	%	N	%
Active duty	0	0%	0	0%	2	100%	2	100%
Reserve	0	0%	0	0%	0	0%	0	0%
National Guard	0	0%	0	0%	0	0%	0	0%

Enrolled in Educational Program**Degree program**

	N	%	N	%	N	%	N	%
Certificate	0	0%	0	0%	3	20%	3	19%
Associate (AA/AS)	0	0%	0	0%	0	0%	0	0%
Bachelor (BA/BS)	0	0%	0	0%	0	0%	0	0%
Masters (MA/MS) – terminal degree	0	0%	0	0%	2	13%	2	13%
Masters (MA/MS) – leading to doctorate	0	0%	0	0%	0	0%	0	0%
Doctorate (PhD/EdD)	0	0%	0	0%	0	0%	1	6%
Professional (JD, MD, DDS, PharmD)	0	0%	1	100%	5	33%	5	31%
Other	0	0%	0	0%	0	0%	0	0%

School location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	0	0%	1	100%	9	64%	9	60%
Other Washington	0	0%	0	0%	1	7%	2	13%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%	0	0%
California, Hawaii	0	0%	0	0%	2	14%	2	13%
Mountain states	0	0%	0	0%	1	7%	1	7%
Central states	0	0%	0	0%	0	0%	0	0%
Eastern states	0	0%	0	0%	0	0%	0	0%
International	0	0%	0	0%	1	7%	1	7%

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All Respondents**Authorized to permanently work in the U.S.**

	N	%	N	%	N	%	N	%
Yes	7	64%	33	75%	346	94%	441	91%
No	4	36%	11	25%	22	6%	41	9%

Amount UW academic program ADVANCED LEARNING

1=Not at all; 2=Somewhat; 3=Moderately; 4=Very much

	N	Mean	N	Mean	N	Mean	N	Mean
Acquiring deep knowledge in your chosen field of study	10	3.7	41	3.6	345	3.7	457	3.7
Writing effectively	10	3.6	41	3.4	344	3.4	456	3.4
Speaking effectively about ideas, projects, and plans	10	3.6	41	3.4	345	3.3	457	3.3
Critically analyzing the research, technical literature, and/or performance in your field	10	3.7	41	3.6	344	3.6	455	3.6
Identifying important questions in your field	10	3.7	40	3.4	344	3.5	456	3.5
Identifying and using the best methods for answering specific questions in your field	10	3.6	41	3.3	344	3.4	454	3.4
Knowing how to generate original/creative ideas, solutions, and research directions	10	3.8	40	3.5	343	3.2	454	3.3
Knowing how to put research ideas into practice in your field	10	3.6	41	3.3	342	3.2	453	3.3
Understanding ethics and ethical practice in your field	10	3.1	41	2.8	343	3.3	454	3.2
Understanding, evaluating, and using the quantitative methods relevant to your field	10	3.7	39	3.3	341	3.2	451	3.2
Mastering specialized instruments, computer programs, or materials important to your field	10	3.4	39	3.4	341	3.1	452	3.1
Learning independently	10	4.0	39	3.8	340	3.5	451	3.6
Working collaboratively with others within your field	10	3.3	40	3.2	342	3.3	453	3.3
Working collaboratively with interdisciplinary groups	10	3.1	40	2.9	341	3.0	452	3.0
Understanding and valuing diverse people and cultures	10	3.3	40	2.8	342	3.1	452	3.1
Using self-reflection and self-assessment to guide next directions	10	3.2	40	3.1	341	3.1	452	3.1

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IMPORTANCE to current work and life

1=Not at all; 2=Somewhat; 3=Moderately; 4=Very

	N	Mean	N	Mean	N	Mean	N	Mean
Acquiring deep knowledge in your chosen field of study	10	3.6	40	3.7	334	3.8	439	3.7
Writing effectively	10	3.6	40	3.6	332	3.6	437	3.6
Speaking effectively about ideas, projects, and plans	10	3.8	39	3.7	331	3.7	436	3.7
Critically analyzing the research, technical literature, and/or performance in your field	10	3.4	39	3.6	332	3.7	437	3.6
Identifying important questions in your field	10	3.4	40	3.4	333	3.6	438	3.5
Identifying and using the best methods for answering specific questions in your field	10	3.5	40	3.6	333	3.6	437	3.6
Knowing how to generate original/creative ideas, solutions, and research directions	10	3.4	40	3.6	334	3.5	437	3.5
Knowing how to put research ideas into practice in your field	10	3.8	39	3.7	332	3.5	436	3.5
Understanding ethics and ethical practice in your field	10	3.4	39	3.3	331	3.6	433	3.5
Understanding, evaluating, and using the quantitative methods relevant to your field	10	3.6	39	3.5	332	3.3	436	3.3
Mastering specialized instruments, computer programs, or materials important to your field	10	3.9	40	3.5	333	3.3	436	3.3
Learning independently	10	3.7	40	3.8	333	3.7	437	3.7
Working collaboratively with others within your field	10	3.7	39	3.6	332	3.7	436	3.7
Working collaboratively with interdisciplinary groups	10	3.2	38	3.4	330	3.5	434	3.5
Understanding and valuing diverse people and cultures	10	3.6	39	3.4	332	3.5	436	3.5
Using self-reflection and self-assessment to guide next directions	10	3.6	39	3.3	332	3.5	436	3.5

	Electrical Engineering		College Of Engineering		All Professional		UW Seattle	
Overall UW experience	1=Poor; 2=Fair; 3=Good; 4=Excellent							
	N	Mean	N	Mean	N	Mean	N	Mean
The help you received from your graduate thesis (MA/MS graduates) or dissertation (PhD graduates) committee members	10	3.2	41	3.0	302	3.1	409	3.2
The help you received from graduate student colleagues	10	3.6	41	3.1	336	3.3	443	3.3
The help you received navigating the job market	10	2.4	41	2.4	335	2.4	440	2.4
Your overall learning experience at the UW	10	3.5	41	3.4	338	3.4	445	3.4
	1=Strongly Disagree; 2=Disagree; 3=Agree; 4=Strongly Agree							
	N	Mean	N	Mean	N	Mean	N	Mean
Faculty treated students respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	10	3.8	41	3.5	339	3.5	446	3.5
Students in my major treated each other respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	10	3.8	41	3.7	340	3.6	447	3.6
Classrooms, labs, and other campus spaces were accessible.	10	3.9	41	3.6	339	3.4	446	3.5
If I had to make my college choice over again, I would choose to attend UW.	10	3.3	41	3.4	340	3.5	447	3.5
	1=Strongly Dissatisfied; 2= Dissatisfied; 3= Satisfied; 4= Strongly Satisfied							
	N	Mean	N	Mean	N	Mean	N	Mean
How satisfied are you with your overall experience at UW?	2	3.5	9	3.4	179	3.4	223	3.4

Current activity roster**Employed Full Time or Part time**

Job title	Employing organization
Co-founder	
R&D Engineer	Tupl
autonomy researcher	Toyota Research Institute
Scientists	
Machine Learning Scientist	Amazon
Software Engineer	Google
Nanofabrication Engineer	Intellectual Ventures
Lecturer	University of Washington
Co Founder	
Sr. process engineer	Omnivision technologies
High Performance Computing Engineer	