

UW Alumni Survey Results 2016-2017 DOCTORAL/PROFESSIONAL Degree Recipients

	Electrical Engineering		College Of Engineering		All Professional		UW Seattle	
Graduates Surveyed								
	N	%	N	%	N	%	N	%
Total	25	100%	106	100%	1087	100%	1337	100%
Women	3	12%	24	23%	616	57%	745	56%
Men	22	88%	82	77%	471	43%	592	44%
African American	0	0%	1	1%	27	2%	28	2%
American Indian	0	0%	0	0%	14	1%	14	1%
Asian American	2	8%	12	11%	192	18%	215	16%
Caucasian	3	12%	40	38%	632	58%	785	59%
Hawaiian/Pacific Islander	0	0%	0	0%	6	1%	7	1%
Hispanic/Latino	0	0%	0	0%	48	4%	66	5%
Other/Not Indicated	20	80%	53	50%	168	15%	222	17%
International	15	60%	44	42%	107	10%	148	11%
Survey Response Rates								
	N	%	N	%	N	%	N	%
Total	10	40%	39	37%	323	30%	426	32%
Women	0	0%	10	26%	185	57%	242	57%
Men	10	100%	29	74%	138	43%	184	43%
African American	0	0%	0	0%	8	2%	8	2%
American Indian	0	0%	0	0%	4	1%	4	1%
Asian American	1	10%	7	18%	54	17%	65	15%
Caucasian	2	20%	18	46%	194	60%	261	61%
Hawaiian/Pacific Islander	0	0%	0	0%	2	1%	2	0%
Hispanic/Latino	0	0%	0	0%	14	4%	18	4%
Other/Not Indicated	7	70%	14	36%	47	15%	68	16%
International	5	50%	12	31%	31	10%	45	11%
Current Status								
	N	%	N	%	N	%	N	%
Employed for pay full time	10	100%	36	92%	266	82%	349	82%
Employed for pay part time	0	0%	1	3%	21	7%	26	6%
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%	1	0%	1	0%
Enrolled in a program of continuing education	0	0%	0	0%	9	3%	10	2%
Planning to continue education	0	0%	0	0%	0	0%	0	0%
Seeking employment	0	0%	2	5%	16	5%	26	6%
Not seeking employment or continuing education	0	0%	0	0%	4	1%	5	1%
Other	0	0%	0	0%	6	2%	9	2%

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

	N	%	N	%	N	%	N	%
Employee working for a company or organization	7	70%	22	59%	159	56%	191	51%
Entrepreneur/self-employed	0	0%	0	0%	3	1%	4	1%
Temporary/contract work assignment	0	0%	1	3%	7	2%	8	2%
Freelance	0	0%	0	0%	0	0%	0	0%
Postgraduate internship or fellowship	2	20%	7	19%	84	29%	114	31%
Faculty tenure track position	1	10%	6	16%	17	6%	23	6%
Faculty non-tenure track position	0	0%	1	3%	13	5%	28	8%
Other	0	0%	0	0%	3	1%	5	1%

Career related

	N	%	N	%	N	%	N	%
Yes	9	90%	33	89%	275	97%	360	97%
No	1	10%	4	11%	9	3%	11	3%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	3	30%	18	50%	158	56%	188	51%
Other Washington	0	0%	1	3%	15	5%	18	5%
Alaska, Idaho, Oregon	1	10%	2	6%	10	4%	15	4%
California, Hawaii	2	20%	2	6%	20	7%	30	8%
Mountain states	0	0%	1	3%	9	3%	15	4%
Central states	2	20%	6	17%	21	7%	28	8%
Eastern states	1	10%	5	14%	39	14%	58	16%
International	1	10%	1	3%	12	4%	19	5%

Type of employer

	N	%	N	%	N	%	N	%
For-profit company	7	70%	18	51%	95	34%	112	31%
Non-profit/NGO	1	10%	3	9%	52	19%	66	18%
Government	1	10%	12	34%	108	39%	151	42%
Other	1	10%	2	6%	21	8%	29	8%

Search time (weeks)

	N							
	7		25		192		254	
Mean	8.7		10.2		10.5		11.3	
SD	8		8		10		10	
Range	1 26		0 30		0 52		0 52	

Salary

	N							
	6		19		139		169	
Mean	117,000		102,566		91,193		91,644	
SD	25,140		26,792		33,789		32,657	
Range	87,000 160,000		50,000 160,000		18,000 195,000		18,000 195,000	

First year bonus

	N							
	2		5		23		30	
Mean	113,000		57,200		18,174		19,143	
SD	108,894		76,790		39,033		35,049	
Range	36,000 190,000		5,000 190,000		2,000 190,000		2,000 190,000	

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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%	0	0%	0	0%
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	100%	1	100%

Status

	N	%	N	%	N	%	N	%
Active duty	0	0%	0	0%	0	0%	0	0%
Reserve	0	0%	0	0%	1	100%	1	100%
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	33%	3	30%
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%	1	11%	1	10%
Masters (MA/MS) – leading to doctorate	0	0%	0	0%	0	0%	0	0%
Doctorate (PhD/EdD)	0	0%	0	0%	1	11%	1	10%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	2	22%	3	30%
Other	0	0%	0	0%	0	0%	0	0%

School location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	0	0%	0	0%	4	50%	4	44%
Other Washington	0	0%	0	0%	1	13%	1	11%
Alaska, Idaho, Oregon	0	0%	0	0%	1	13%	1	11%
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%	2	25%	3	33%
Eastern states	0	0%	0	0%	0	0%	0	0%
International	0	0%	0	0%	0	0%	0	0%

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

	N	%	N	%	N	%	N	%
Yes	6	67%	28	78%	287	92%	375	91%
No	3	33%	8	22%	24	8%	36	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	9	3.3	34	3.7	296	3.7	388	3.7
Writing effectively	9	2.9	34	3.4	297	3.4	388	3.4
Speaking effectively about ideas, projects, and plans	9	2.9	34	3.3	297	3.2	389	3.3
Critically analyzing the research, technical literature, and/or performance in your field	9	3.7	34	3.7	296	3.6	388	3.6
Identifying important questions in your field	9	3.4	34	3.5	295	3.5	387	3.5
Identifying and using the best methods for answering specific questions in your field	9	3.3	34	3.4	296	3.4	388	3.4
Knowing how to generate original/creative ideas, solutions, and research directions	9	3.3	33	3.3	294	3.1	386	3.2
Knowing how to put research ideas into practice in your field	9	3.0	34	3.3	295	3.1	387	3.2
Understanding ethics and ethical practice in your field	9	2.6	34	2.7	295	3.3	386	3.2
Understanding, evaluating, and using the quantitative methods relevant to your field	9	3.2	34	3.4	295	3.1	386	3.2
Mastering specialized instruments, computer programs, or materials important to your field	9	3.0	34	3.4	296	2.9	387	3.0
Learning independently	9	3.4	34	3.6	296	3.5	388	3.5
Working collaboratively with others within your field	9	3.1	34	3.3	296	3.3	388	3.3
Working collaboratively with interdisciplinary groups	9	2.8	34	3.0	296	3.0	388	3.0
Understanding and valuing diverse people and cultures	9	2.9	34	3.0	295	3.2	386	3.2
Using self-reflection and self-assessment to guide next directions	9	3.1	34	3.0	296	3.1	387	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	9	3.9	32	3.7	287	3.7	374	3.7
Writing effectively	9	3.6	32	3.7	289	3.6	376	3.6
Speaking effectively about ideas, projects, and plans	9	3.7	32	3.8	289	3.6	374	3.6
Critically analyzing the research, technical literature, and/or performance in your field	9	3.7	32	3.6	288	3.6	375	3.6
Identifying important questions in your field	9	3.4	32	3.5	289	3.6	376	3.6
Identifying and using the best methods for answering specific questions in your field	9	3.4	32	3.6	287	3.7	374	3.7
Knowing how to generate original/creative ideas, solutions, and research directions	9	3.8	32	3.7	288	3.5	375	3.5
Knowing how to put research ideas into practice in your field	9	3.4	32	3.7	288	3.5	375	3.5
Understanding ethics and ethical practice in your field	9	3.4	32	3.4	288	3.6	375	3.5
Understanding, evaluating, and using the quantitative methods relevant to your field	9	3.7	32	3.8	287	3.4	374	3.4
Mastering specialized instruments, computer programs, or materials important to your field	9	3.8	32	3.6	287	3.3	374	3.3
Learning independently	9	3.6	32	3.6	288	3.7	375	3.7
Working collaboratively with others within your field	9	3.9	32	3.9	288	3.8	375	3.8
Working collaboratively with interdisciplinary groups	9	3.6	32	3.5	288	3.5	374	3.5
Understanding and valuing diverse people and cultures	9	3.4	31	3.4	287	3.6	374	3.5
Using self-reflection and self-assessment to guide next directions	9	3.6	32	3.6	288	3.6	375	3.6

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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	9	3.2	34	3.2	261	3.1	352	3.2
The help you received from graduate student colleagues	9	3.1	34	3.2	289	3.2	380	3.2
The help you received navigating the job market	9	2.2	34	2.3	291	2.2	382	2.2
Your overall learning experience at the UW	9	3.1	34	3.4	294	3.3	385	3.3

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.	9	3.6	34	3.5	294	3.4	385	3.4
Students in my major treated each other respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	9	3.6	34	3.6	294	3.5	385	3.5
Classrooms, labs, and other campus spaces were accessible.	9	3.4	34	3.4	294	3.5	383	3.5
If I had to make my college choice over again, I would choose to attend UW.	9	3.1	34	3.4	293	3.4	384	3.4

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?	8	3.1	33	3.3	291	3.4	382	3.4

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

Job title	Employing organization
software development engineer	Zillow
Assistant Professor	Trinity College
R&D Engineer Senior I	Synopsys
Systems Test Engineer	Impinj
Senior Hardware Engineer	Verily
	GEIRINA
Postdoctoral Research Assistant	University of Washington
postdoctoral research associate	
Research Scientist	Honeywell