

UW Alumni Survey Results 2019-2020 DOCTORAL/PROFESSIONAL Degree Recipients

	Electrical Engineering		College Of Engineering		All Professional		UW Seattle	
Graduates Surveyed								
	N	%	N	%	N	%	N	%
Total	31	100%	155	100%	1185	100%	1436	100%
Women	9	29%	54	35%	680	57%	801	56%
Men	22	71%	101	65%	505	43%	635	44%
African American	0	0%	2	1%	42	4%	49	3%
American Indian	0	0%	0	0%	15	1%	18	1%
Asian American	5	16%	17	11%	240	20%	267	19%
Caucasian	8	26%	60	39%	643	54%	780	54%
Hawaiian/Pacific Islander	0	0%	0	0%	3	0%	3	0%
Hispanic/Latino	1	3%	3	2%	59	5%	71	5%
Other/Not Indicated	17	55%	73	47%	183	15%	248	17%
International	14	45%	64	41%	153	13%	211	15%
Survey Response Rates								
	N	%	N	%	N	%	N	%
Total	11	35%	61	39%	341	29%	443	31%
Women	4	36%	23	38%	196	57%	248	56%
Men	7	64%	38	62%	145	43%	195	44%
African American	0	0%	1	2%	9	3%	12	3%
American Indian	0	0%	0	0%	2	1%	3	1%
Asian American	2	18%	5	8%	67	20%	83	19%
Caucasian	4	36%	31	51%	196	57%	247	56%
Hawaiian/Pacific Islander	0	0%	0	0%	0	0%	0	0%
Hispanic/Latino	0	0%	1	2%	10	3%	16	4%
Other/Not Indicated	5	45%	23	38%	57	17%	82	19%
International	4	36%	20	33%	47	14%	69	16%
Current Status								
	N	%	N	%	N	%	N	%
Employed for pay full time	11	100%	56	92%	281	82%	353	80%
Employed for pay part time	0	0%	2	3%	16	5%	30	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%	1	0%	2	0%
Enrolled in a program of continuing education	0	0%	1	2%	8	2%	8	2%
Planning to continue education	0	0%	0	0%	1	0%	2	0%
Seeking employment	0	0%	2	3%	26	8%	35	8%
Not seeking employment or continuing education	0	0%	0	0%	2	1%	4	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	9	90%	35	63%	159	55%	190	51%
Entrepreneur/self-employed	0	0%	0	0%	0	0%	0	0%
Temporary/contract work assignment	0	0%	0	0%	3	1%	8	2%
Freelance	0	0%	0	0%	2	1%	3	1%
Postgraduate internship or fellowship	0	0%	10	18%	91	32%	123	33%
Faculty tenure track position	1	10%	5	9%	16	6%	19	5%
Faculty non-tenure track position	0	0%	6	11%	13	5%	21	6%
Other	0	0%	0	0%	3	1%	8	2%

Career related

	N	%	N	%	N	%	N	%
Yes	10	100%	55	98%	283	99%	362	98%
No	0	0%	1	2%	2	1%	7	2%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	7	70%	29	53%	159	56%	198	54%
Other Washington	0	0%	1	2%	7	2%	9	2%
Alaska, Idaho, Oregon	0	0%	0	0%	4	1%	4	1%
California, Hawaii	1	10%	6	11%	27	10%	34	9%
Mountain states	0	0%	4	7%	9	3%	12	3%
Central states	0	0%	5	9%	22	8%	33	9%
Eastern states	2	20%	7	13%	46	16%	58	16%
International	0	0%	3	5%	9	3%	16	4%

Type of employer

	N	%	N	%	N	%	N	%
For-profit company	7	70%	29	53%	98	36%	122	35%
Non-profit/NGO	1	10%	8	15%	54	20%	68	19%
Government	1	10%	16	29%	98	36%	129	37%
Other	1	10%	2	4%	25	9%	31	9%

Search time (weeks)

	N		N		N		N	
	10		46		218		274	
Mean	7.9		9.7		9.4		9.9	
SD	9		10		10		10	
Range	0 30		0 36		0 52		0 52	

Salary

	N		N		N		N	
	9		29		130		156	
Mean	140,111		120,035		103,840		110,343	
SD	24,655		31,080		37,626		73,895	
Range	96,000 170,000		69,000 170,000		30,000 200,000		30,000 900,000	

First year bonus

	N		N		N		N	
	7		21		42		53	
Mean	48,857		35,381		28,657		36,341	
SD	34,090		32,245		31,866		40,467	
Range	1,000 100,000		1,000 100,000		130 110,000		130 175,000	

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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%	1	50%
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	50%

Status

	N	%	N	%	N	%	N	%
Active duty	0	0%	0	0%	1	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%	1	14%	1	14%
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%	0	0%	0	0%
Masters (MA/MS) – leading to doctorate	0	0%	0	0%	0	0%	0	0%
Doctorate (PhD/EdD)	0	0%	0	0%	2	29%	2	29%
Professional (JD, MD, DDS, PharmD)	0	0%	1	100%	2	29%	2	29%
Other	0	0%	0	0%	0	0%	0	0%

School location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	0	0%	0	0%	2	29%	2	29%
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%	1	14%	1	14%
Mountain states	0	0%	0	0%	0	0%	0	0%
Central states	0	0%	0	0%	0	0%	0	0%
Eastern states	0	0%	1	100%	4	57%	4	57%
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	7	70%	43	74%	287	89%	367	87%
No	3	30%	15	26%	35	11%	53	13%

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	8	3.9	52	3.7	302	3.7	398	3.7
Writing effectively	8	3.5	52	3.7	301	3.4	397	3.4
Speaking effectively about ideas, projects, and plans	8	3.8	51	3.6	299	3.3	395	3.3
Critically analyzing the research, technical literature, and/or performance in your field	8	4.0	52	3.8	300	3.6	396	3.6
Identifying important questions in your field	8	3.6	52	3.6	300	3.4	396	3.4
Identifying and using the best methods for answering specific questions in your field	8	3.8	52	3.6	301	3.5	397	3.5
Knowing how to generate original/creative ideas, solutions, and research directions	8	3.8	52	3.5	299	3.2	395	3.2
Knowing how to put research ideas into practice in your field	8	3.6	52	3.5	298	3.2	394	3.2
Understanding ethics and ethical practice in your field	8	3.3	52	3.0	298	3.2	393	3.2
Understanding, evaluating, and using the quantitative methods relevant to your field	8	3.6	52	3.6	299	3.3	395	3.3
Mastering specialized instruments, computer programs, or materials important to your field	8	3.5	52	3.4	299	3.2	394	3.1
Learning independently	8	3.9	52	3.8	299	3.6	394	3.6
Working collaboratively with others within your field	8	3.5	52	3.4	299	3.4	395	3.3
Working collaboratively with interdisciplinary groups	8	3.5	52	2.9	299	3.1	394	3.0
Understanding and valuing diverse people and cultures	8	3.4	52	3.0	299	3.1	395	3.1
Using self-reflection and self-assessment to guide next directions	8	3.3	52	3.2	299	3.0	395	3.0

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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	6	3.8	48	3.7	289	3.8	383	3.7
Writing effectively	6	3.8	48	3.7	287	3.6	381	3.6
Speaking effectively about ideas, projects, and plans	6	3.5	48	3.7	288	3.6	381	3.6
Critically analyzing the research, technical literature, and/or performance in your field	6	4.0	48	3.6	288	3.6	381	3.6
Identifying important questions in your field	6	3.7	48	3.6	286	3.5	378	3.5
Identifying and using the best methods for answering specific questions in your field	6	4.0	48	3.7	287	3.6	380	3.6
Knowing how to generate original/creative ideas, solutions, and research directions	6	4.0	47	3.6	287	3.5	380	3.5
Knowing how to put research ideas into practice in your field	6	3.8	48	3.6	288	3.5	380	3.5
Understanding ethics and ethical practice in your field	6	3.5	48	3.5	287	3.6	380	3.6
Understanding, evaluating, and using the quantitative methods relevant to your field	6	3.8	48	3.6	286	3.5	379	3.4
Mastering specialized instruments, computer programs, or materials important to your field	6	3.5	48	3.3	288	3.4	381	3.3
Learning independently	6	3.3	47	3.7	287	3.7	380	3.7
Working collaboratively with others within your field	6	3.8	48	3.7	286	3.8	379	3.8
Working collaboratively with interdisciplinary groups	6	3.2	48	3.5	288	3.6	381	3.6
Understanding and valuing diverse people and cultures	6	3.2	48	3.4	287	3.6	379	3.6
Using self-reflection and self-assessment to guide next directions	6	3.7	48	3.6	288	3.6	381	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	6	3.5	49	3.3	269	3.1	365	3.1
The help you received from graduate student colleagues	6	3.8	50	3.4	291	3.4	387	3.3
The help you received navigating the job market	6	3.3	50	2.8	292	2.4	388	2.3
Your overall learning experience at the UW	6	3.8	50	3.5	289	3.3	383	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.	6	3.8	50	3.5	295	3.3	391	3.3
Students in my major treated each other respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	6	3.8	50	3.7	296	3.5	392	3.4
Classrooms, labs, and other campus spaces were accessible.	6	3.8	50	3.5	295	3.4	390	3.4
If I had to make my college choice over again, I would choose to attend UW.	6	4.0	50	3.5	296	3.4	392	3.3

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?	7	3.3	48	3.4	295	3.3	388	3.3

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

Job title	Employing organization
Director of System Design	Microsoft Research
Research Scientist	Tunoptix
Senior Applied Data Scientist	Amazon Inc.
Electronics Engineer	Civis Analytics
Hardware Engineer	Army Research Lab
assistant professor of computer science	Apple Inc.
Applied Scientist	Mount Holyoke College
Applied Scientist	Microsoft
Applied Scientist	Amazon
Applied Scientist	Amazon