

## UW Alumni Survey Results 2018-2019 DOCTORAL/PROFESSIONAL Degree Recipients

	Mechanical Engineering		College Of Engineering		All Professional		UW Seattle	
<b>Graduates Surveyed</b>								
	N	%	N	%	N	%	N	%
Total	20	100%	153	100%	1225	100%	1469	100%
Women	7	35%	49	32%	685	56%	811	55%
Men	13	65%	104	68%	540	44%	658	45%
African American	0	0%	0	0%	37	3%	44	3%
American Indian	0	0%	0	0%	19	2%	21	1%
Asian American	1	5%	11	7%	216	18%	232	16%
Caucasian	8	40%	57	37%	684	56%	819	56%
Hawaiian/Pacific Islander	0	0%	0	0%	4	0%	5	0%
Hispanic/Latino	0	0%	8	5%	70	6%	85	6%
Other/Not Indicated	11	55%	77	50%	195	16%	263	18%
International	11	55%	69	45%	157	13%	213	14%
<b>Survey Response Rates</b>								
	N	%	N	%	N	%	N	%
Total	6	30%	45	29%	366	30%	476	32%
Women	2	33%	15	33%	207	57%	262	55%
Men	4	67%	30	67%	159	43%	214	45%
African American	0	0%	0	0%	13	4%	17	4%
American Indian	0	0%	0	0%	2	1%	3	1%
Asian American	1	17%	5	11%	59	16%	66	14%
Caucasian	2	33%	20	44%	214	58%	273	57%
Hawaiian/Pacific Islander	0	0%	0	0%	3	1%	3	1%
Hispanic/Latino	0	0%	1	2%	17	5%	23	5%
Other/Not Indicated	3	50%	19	42%	58	16%	91	19%
International	3	50%	18	40%	47	13%	77	16%
<b>Current Status</b>								
	N	%	N	%	N	%	N	%
Employed for pay full time	6	100%	40	89%	300	82%	390	82%
Employed for pay part time	0	0%	0	0%	18	5%	28	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%	4	1%	4	1%
Enrolled in a program of continuing education	0	0%	0	0%	11	3%	11	2%
Planning to continue education	0	0%	0	0%	0	0%	0	0%
Seeking employment	0	0%	5	11%	21	6%	29	6%
Not seeking employment or continuing education	0	0%	0	0%	0	0%	1	0%
Other	0	0%	0	0%	12	3%	13	3%

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

	N	%	N	%	N	%	N	%
Employee working for a company or organization	4	67%	28	70%	170	55%	208	51%
Entrepreneur/self-employed	1	17%	1	3%	6	2%	8	2%
Temporary/contract work assignment	0	0%	0	0%	6	2%	10	2%
Freelance	0	0%	0	0%	0	0%	0	0%
Postgraduate internship or fellowship	1	17%	8	20%	106	34%	140	34%
Faculty tenure track position	0	0%	3	8%	12	4%	27	7%
Faculty non-tenure track position	0	0%	0	0%	6	2%	10	2%
Other	0	0%	0	0%	2	1%	3	1%

**Career related**

	N	%	N	%	N	%	N	%
Yes	6	100%	39	98%	301	97%	396	97%
No	0	0%	1	3%	8	3%	11	3%

**Job location**

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	4	67%	19	49%	171	56%	198	49%
Other Washington	0	0%	0	0%	10	3%	12	3%
Alaska, Idaho, Oregon	0	0%	2	5%	13	4%	14	3%
California, Hawaii	1	17%	8	21%	33	11%	50	12%
Mountain states	0	0%	1	3%	10	3%	13	3%
Central states	1	17%	2	5%	15	5%	21	5%
Eastern states	0	0%	4	10%	39	13%	63	16%
International	0	0%	3	8%	16	5%	33	8%

**Type of employer**

	N	%	N	%	N	%	N	%
For-profit company	2	40%	23	61%	99	34%	116	30%
Non-profit/NGO	1	20%	3	8%	78	27%	95	25%
Government	1	20%	7	18%	92	31%	138	36%
Other	1	20%	5	13%	24	8%	38	10%

**Search time (weeks)**

	N		N		N		N	
	5		27		218		283	
Mean	5.8		10.8		8.9		9.3	
SD	5		12		10		10	
Range	2 15		0 52		0 52		0 52	

**Salary**

	N		N		N		N	
	3		24		145		174	
Mean	109,867		126,358		97,684		97,430	
SD	17,806		39,473		39,154		43,673	
Range	95,000 129,600		50,000 200,000		15,000 230,000		15,000 300,000	

**First year bonus**

	N		N		N		N	
	2		13		34		42	
Mean	22,500		32,577		17,324		15,226	
SD	24,749		32,518		23,624		21,686	
Range	5,000 40,000		2,000 100,000		1,000 100,000		1,000 100,000	

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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%	1	25%	1	25%
Coast Guard	0	0%	0	0%	1	25%	1	25%
Marine Corps	0	0%	0	0%	0	0%	0	0%
Navy	0	0%	0	0%	2	50%	2	50%

**Status**

	N	%	N	%	N	%	N	%
Active duty	0	0%	0	0%	4	100%	4	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	9%	1	9%
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	9%	1	9%
Masters (MA/MS) – leading to doctorate	0	0%	0	0%	0	0%	0	0%
Doctorate (PhD/EdD)	0	0%	0	0%	1	9%	1	9%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	5	45%	5	45%
Other	0	0%	0	0%	0	0%	0	0%

**School location**

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	0	0%	0	0%	6	60%	6	60%
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%	3	30%	3	30%
International	0	0%	0	0%	1	10%	1	10%

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

	N	%	N	%	N	%	N	%
Yes	5	83%	32	74%	306	89%	388	87%
No	1	17%	11	26%	36	11%	59	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	6	4.0	42	3.8	324	3.7	423	3.7
Writing effectively	6	3.7	42	3.6	324	3.4	423	3.4
Speaking effectively about ideas, projects, and plans	6	3.8	42	3.4	324	3.4	423	3.4
Critically analyzing the research, technical literature, and/or performance in your field	6	4.0	42	3.7	324	3.6	422	3.6
Identifying important questions in your field	6	3.8	42	3.6	324	3.5	422	3.5
Identifying and using the best methods for answering specific questions in your field	6	3.3	41	3.5	321	3.5	420	3.5
Knowing how to generate original/creative ideas, solutions, and research directions	6	3.7	41	3.5	320	3.3	419	3.3
Knowing how to put research ideas into practice in your field	6	3.5	40	3.5	318	3.3	417	3.3
Understanding ethics and ethical practice in your field	6	3.2	42	3.0	320	3.2	419	3.2
Understanding, evaluating, and using the quantitative methods relevant to your field	6	4.0	41	3.5	319	3.3	418	3.3
Mastering specialized instruments, computer programs, or materials important to your field	6	4.0	42	3.4	320	3.1	419	3.1
Learning independently	6	3.8	42	3.5	320	3.6	418	3.6
Working collaboratively with others within your field	6	3.3	41	3.1	320	3.4	419	3.3
Working collaboratively with interdisciplinary groups	6	3.2	41	3.0	320	3.2	419	3.1
Understanding and valuing diverse people and cultures	6	3.0	41	3.0	317	3.2	416	3.2
Using self-reflection and self-assessment to guide next directions	6	3.0	41	3.0	318	3.1	417	3.2

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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	3.5	42	3.5	307	3.7	401	3.7
Writing effectively	6	4.0	42	3.5	306	3.5	400	3.6
Speaking effectively about ideas, projects, and plans	6	3.8	42	3.5	305	3.6	398	3.6
Critically analyzing the research, technical literature, and/or performance in your field	6	3.5	42	3.4	306	3.6	400	3.6
Identifying important questions in your field	6	3.3	42	3.3	306	3.5	400	3.5
Identifying and using the best methods for answering specific questions in your field	6	3.5	42	3.3	306	3.6	400	3.6
Knowing how to generate original/creative ideas, solutions, and research directions	6	3.7	42	3.2	305	3.4	399	3.5
Knowing how to put research ideas into practice in your field	6	3.7	42	3.4	306	3.4	400	3.4
Understanding ethics and ethical practice in your field	6	3.2	42	3.3	305	3.5	398	3.5
Understanding, evaluating, and using the quantitative methods relevant to your field	6	3.8	42	3.3	306	3.4	400	3.4
Mastering specialized instruments, computer programs, or materials important to your field	6	3.7	42	3.2	306	3.4	400	3.4
Learning independently	6	4.0	42	3.5	306	3.7	400	3.7
Working collaboratively with others within your field	6	3.8	42	3.6	304	3.7	398	3.7
Working collaboratively with interdisciplinary groups	6	3.5	42	3.4	305	3.6	399	3.6
Understanding and valuing diverse people and cultures	6	2.8	42	3.2	306	3.6	400	3.5
Using self-reflection and self-assessment to guide next directions	6	3.7	42	3.3	306	3.6	400	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	42	3.1	284	3.2	382	3.2
The help you received from graduate student colleagues	6	3.5	42	3.3	306	3.3	404	3.3
The help you received navigating the job market	6	2.8	42	2.3	306	2.4	404	2.3
Your overall learning experience at the UW	6	3.8	42	3.4	308	3.3	405	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	3.7	41	3.4	308	3.4	406	3.4
Students in my major treated each other respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	6	3.8	42	3.6	310	3.6	408	3.5
Classrooms, labs, and other campus spaces were accessible.	6	3.8	41	3.4	308	3.5	405	3.5
If I had to make my college choice over again, I would choose to attend UW.	6	3.7	42	3.5	310	3.4	408	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?	6	3.8	42	3.4	309	3.3	409	3.3

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

<b>Job title</b>	<b>Employing organization</b>
Wind Energy Assessment Analyst	
Mechanical Engineering Analyst	
Hardware Development Engineer	Amazon
Postdoc	Rice University
Hardware Engineer	