

## UW Alumni Survey Results

### 2019-2020 DOCTORAL/PROFESSIONAL Degree Recipients

	Chemical Engineering		College Of Engineering		All Professional		UW Seattle	
<b>Graduates Surveyed</b>								
	N	%	N	%	N	%	N	%
Total	17	100%	155	100%	1185	100%	1436	100%
Women	5	29%	54	35%	680	57%	801	56%
Men	12	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	1	6%	17	11%	240	20%	267	19%
Caucasian	10	59%	60	39%	643	54%	780	54%
Hawaiian/Pacific Islander	0	0%	0	0%	3	0%	3	0%
Hispanic/Latino	0	0%	3	2%	59	5%	71	5%
Other/Not Indicated	6	35%	73	47%	183	15%	248	17%
International	6	35%	64	41%	153	13%	211	15%
<b>Survey Response Rates</b>								
	N	%	N	%	N	%	N	%
Total	7	41%	61	39%	341	29%	443	31%
Women	3	43%	23	38%	196	57%	248	56%
Men	4	57%	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	1	14%	5	8%	67	20%	83	19%
Caucasian	3	43%	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	3	43%	23	38%	57	17%	82	19%
International	3	43%	20	33%	47	14%	69	16%
<b>Current Status</b>								
	N	%	N	%	N	%	N	%
Employed for pay full time	6	86%	56	92%	281	82%	353	80%
Employed for pay part time	1	14%	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	6	100%	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	0	0%	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	6	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	2	40%	29	53%	159	56%	198	54%
Other Washington	1	20%	1	2%	7	2%	9	2%
Alaska, Idaho, Oregon	0	0%	0	0%	4	1%	4	1%
California, Hawaii	0	0%	6	11%	27	10%	34	9%
Mountain states	1	20%	4	7%	9	3%	12	3%
Central states	0	0%	5	9%	22	8%	33	9%
Eastern states	1	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	5	83%	29	53%	98	36%	122	35%
Non-profit/NGO	0	0%	8	15%	54	20%	68	19%
Government	1	17%	16	29%	98	36%	129	37%
Other	0	0%	2	4%	25	9%	31	9%

**Search time (weeks)**

	N							
	5		46		218		274	
Mean	11.0		9.7		9.4		9.9	
SD	10		10		10		10	
Range	3 24		0 36		0 52		0 52	

**Salary**

	N							
	4		29		130		156	
Mean	92,500		120,035		103,840		110,343	
SD	13,229		31,080		37,626		73,895	
Range	75,000 105,000		69,000 170,000		30,000 200,000		30,000 900,000	

**First year bonus**

	N							
	3		21		42		53	
Mean	6,667		35,381		28,657		36,341	
SD	2,887		32,245		31,866		40,467	
Range	5,000 10,000		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	4	67%	43	74%	287	89%	367	87%
No	2	33%	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	6	3.7	52	3.7	302	3.7	398	3.7
Writing effectively	6	4.0	52	3.7	301	3.4	397	3.4
Speaking effectively about ideas, projects, and plans	6	3.8	51	3.6	299	3.3	395	3.3
Critically analyzing the research, technical literature, and/or performance in your field	6	4.0	52	3.8	300	3.6	396	3.6
Identifying important questions in your field	6	3.8	52	3.6	300	3.4	396	3.4
Identifying and using the best methods for answering specific questions in your field	6	3.8	52	3.6	301	3.5	397	3.5
Knowing how to generate original/creative ideas, solutions, and research directions	6	3.5	52	3.5	299	3.2	395	3.2
Knowing how to put research ideas into practice in your field	6	3.8	52	3.5	298	3.2	394	3.2
Understanding ethics and ethical practice in your field	6	3.2	52	3.0	298	3.2	393	3.2
Understanding, evaluating, and using the quantitative methods relevant to your field	6	3.8	52	3.6	299	3.3	395	3.3
Mastering specialized instruments, computer programs, or materials important to your field	6	4.0	52	3.4	299	3.2	394	3.1
Learning independently	6	3.8	52	3.8	299	3.6	394	3.6
Working collaboratively with others within your field	6	3.5	52	3.4	299	3.4	395	3.3
Working collaboratively with interdisciplinary groups	6	3.2	52	2.9	299	3.1	394	3.0
Understanding and valuing diverse people and cultures	6	3.5	52	3.0	299	3.1	395	3.1
Using self-reflection and self-assessment to guide next directions	6	3.5	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	5	3.2	48	3.7	289	3.8	383	3.7
Writing effectively	5	3.2	48	3.7	287	3.6	381	3.6
Speaking effectively about ideas, projects, and plans	5	3.6	48	3.7	288	3.6	381	3.6
Critically analyzing the research, technical literature, and/or performance in your field	5	3.2	48	3.6	288	3.6	381	3.6
Identifying important questions in your field	5	3.2	48	3.6	286	3.5	378	3.5
Identifying and using the best methods for answering specific questions in your field	5	3.2	48	3.7	287	3.6	380	3.6
Knowing how to generate original/creative ideas, solutions, and research directions	5	3.0	47	3.6	287	3.5	380	3.5
Knowing how to put research ideas into practice in your field	5	3.0	48	3.6	288	3.5	380	3.5
Understanding ethics and ethical practice in your field	5	3.4	48	3.5	287	3.6	380	3.6
Understanding, evaluating, and using the quantitative methods relevant to your field	5	3.6	48	3.6	286	3.5	379	3.4
Mastering specialized instruments, computer programs, or materials important to your field	5	3.2	48	3.3	288	3.4	381	3.3
Learning independently	4	3.3	47	3.7	287	3.7	380	3.7
Working collaboratively with others within your field	5	3.6	48	3.7	286	3.8	379	3.8
Working collaboratively with interdisciplinary groups	5	3.6	48	3.5	288	3.6	381	3.6
Understanding and valuing diverse people and cultures	5	3.0	48	3.4	287	3.6	379	3.6
Using self-reflection and self-assessment to guide next directions	5	3.2	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	3.3	50	3.4	291	3.4	387	3.3
The help you received navigating the job market	6	2.5	50	2.8	292	2.4	388	2.3
Your overall learning experience at the UW	6	3.7	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	3.5	50	3.7	296	3.5	392	3.4
Classrooms, labs, and other campus spaces were accessible.	6	3.7	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	3.8	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?	5	3.8	48	3.4	295	3.3	388	3.3

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

<b>Job title</b>	<b>Employing organization</b>
Scientist	Cytiva (formerly GE HealthCare)
research data scientist	Hive battery labs
Lecturer	University of Washington
Sr Engineer	GlobalFoundries