

UW Alumni Survey Results

2015-2016 DOCTORAL/PROFESSIONAL Degree Recipients

 Mechanical
Engineering

 College Of
Engineering

All Professional

UW Seattle

Graduates Surveyed

	N	%	N	%	N	%	N	%
Total	15	100%	113	100%	1051	100%	1294	100%
Women	3	20%	26	23%	578	55%	707	55%
Men	12	80%	87	77%	473	45%	587	45%
African American	0	0%	3	3%	26	2%	33	3%
American Indian	0	0%	0	0%	14	1%	15	1%
Asian American	1	7%	9	8%	173	16%	189	15%
Caucasian	4	27%	42	37%	626	60%	759	59%
Hawaiian/Pacific Islander	0	0%	0	0%	5	0%	7	1%
Hispanic/Latino	1	7%	4	4%	64	6%	71	5%
Other/Not Indicated	9	60%	55	49%	143	14%	220	17%
International	7	47%	46	41%	89	8%	137	11%

Survey Response Rates

	N	%	N	%	N	%	N	%
Total	7	47%	46	41%	390	37%	510	39%
Women	1	14%	11	24%	236	61%	299	59%
Men	6	86%	35	76%	154	39%	211	41%
African American	0	0%	2	4%	10	3%	13	3%
American Indian	0	0%	0	0%	7	2%	7	1%
Asian American	0	0%	3	7%	48	12%	56	11%
Caucasian	3	43%	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	4	57%	22	48%	51	13%	86	17%
International	3	43%	15	33%	31	8%	55	11%

Current Status

	N	%	N	%	N	%	N	%
Employed for pay full time	7	100%	39	85%	322	83%	410	80%
Employed for pay part time	0	0%	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	4	57%	24	59%	170	50%	212	49%
Entrepreneur/self-employed	0	0%	3	7%	6	2%	6	1%
Temporary/contract work assignment	0	0%	2	5%	11	3%	16	4%
Freelance	0	0%	0	0%	2	1%	4	1%
Postgraduate internship or fellowship	2	29%	8	20%	114	34%	143	33%
Faculty tenure track position	1	14%	3	7%	16	5%	23	5%
Faculty non-tenure track position	0	0%	0	0%	9	3%	22	5%
Other	0	0%	1	2%	9	3%	10	2%

Career related

	N	%	N	%	N	%	N	%
Yes	7	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	2	29%	22	54%	165	49%	200	46%
Other Washington	0	0%	0	0%	24	7%	29	7%
Alaska, Idaho, Oregon	2	29%	4	10%	28	8%	31	7%
California, Hawaii	0	0%	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	14%	4	10%	32	10%	51	12%
International	2	29%	4	10%	15	4%	24	6%

Type of employer

	N	%	N	%	N	%	N	%
Private	4	57%	22	61%	111	35%	148	36%
Non-profit/NGO	0	0%	2	6%	67	21%	76	18%
Government	2	29%	9	25%	123	39%	171	42%
Other	1	14%	3	8%	14	4%	16	4%

Search time (weeks)

N	5	30	231	301
Mean	12.4	12.4	10.2	10.2
SD	8	10	11	11
Range	1 20	1 48	0 52	0 52

Salary

N	3	23	148	189
Mean	101,567	110,726	88,204	88,503
SD	14,052	28,561	33,507	33,455
Range	92,000 117,700	54,000 165,000	33,000 250,000	30,000 250,000

First year bonus

N	1	6	29	40
Mean	15,000	23,700	11,432	11,999
SD		25,085	13,415	12,501
Range	15,000 15,000	1,200 72,000	700 72,000	700 72,000

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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%	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	4	67%	33	75%	346	94%	441	91%
No	2	33%	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	6	3.7	41	3.6	345	3.7	457	3.7
Writing effectively	6	3.8	41	3.4	344	3.4	456	3.4
Speaking effectively about ideas, projects, and plans	6	3.7	41	3.4	345	3.3	457	3.3
Critically analyzing the research, technical literature, and/or performance in your field	6	3.8	41	3.6	344	3.6	455	3.6
Identifying important questions in your field	6	3.7	40	3.4	344	3.5	456	3.5
Identifying and using the best methods for answering specific questions in your field	6	3.5	41	3.3	344	3.4	454	3.4
Knowing how to generate original/creative ideas, solutions, and research directions	6	3.8	40	3.5	343	3.2	454	3.3
Knowing how to put research ideas into practice in your field	6	3.7	41	3.3	342	3.2	453	3.3
Understanding ethics and ethical practice in your field	6	3.2	41	2.8	343	3.3	454	3.2
Understanding, evaluating, and using the quantitative methods relevant to your field	5	3.6	39	3.3	341	3.2	451	3.2
Mastering specialized instruments, computer programs, or materials important to your field	5	3.6	39	3.4	341	3.1	452	3.1
Learning independently	5	3.8	39	3.8	340	3.5	451	3.6
Working collaboratively with others within your field	5	3.4	40	3.2	342	3.3	453	3.3
Working collaboratively with interdisciplinary groups	5	3.6	40	2.9	341	3.0	452	3.0
Understanding and valuing diverse people and cultures	5	2.8	40	2.8	342	3.1	452	3.1
Using self-reflection and self-assessment to guide next directions	5	3.4	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	6	3.7	40	3.7	334	3.8	439	3.7
Writing effectively	6	3.8	40	3.6	332	3.6	437	3.6
Speaking effectively about ideas, projects, and plans	6	4.0	39	3.7	331	3.7	436	3.7
Critically analyzing the research, technical literature, and/or performance in your field	6	3.7	39	3.6	332	3.7	437	3.6
Identifying important questions in your field	6	3.5	40	3.4	333	3.6	438	3.5
Identifying and using the best methods for answering specific questions in your field	6	4.0	40	3.6	333	3.6	437	3.6
Knowing how to generate original/creative ideas, solutions, and research directions	6	3.7	40	3.6	334	3.5	437	3.5
Knowing how to put research ideas into practice in your field	6	3.7	39	3.7	332	3.5	436	3.5
Understanding ethics and ethical practice in your field	6	3.5	39	3.3	331	3.6	433	3.5
Understanding, evaluating, and using the quantitative methods relevant to your field	6	3.7	39	3.5	332	3.3	436	3.3
Mastering specialized instruments, computer programs, or materials important to your field	6	3.3	40	3.5	333	3.3	436	3.3
Learning independently	6	3.8	40	3.8	333	3.7	437	3.7
Working collaboratively with others within your field	6	3.8	39	3.6	332	3.7	436	3.7
Working collaboratively with interdisciplinary groups	6	3.7	38	3.4	330	3.5	434	3.5
Understanding and valuing diverse people and cultures	6	3.2	39	3.4	332	3.5	436	3.5
Using self-reflection and self-assessment to guide next directions	6	3.2	39	3.3	332	3.5	436	3.5

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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	41	3.0	302	3.1	409	3.2
The help you received from graduate student colleagues	6	3.5	41	3.1	336	3.3	443	3.3
The help you received navigating the job market	6	2.8	41	2.4	335	2.4	440	2.4
Your overall learning experience at the UW	6	3.7	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.	6	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.	6	3.8	41	3.7	340	3.6	447	3.6
Classrooms, labs, and other campus spaces were accessible.	6	3.8	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.	6	3.8	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?	1	3.0	9	3.4	179	3.4	223	3.4

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

Job title	Employing organization
Engineer 2 Mechanical	Honeywell
Process Engineer	
Process Engineer	Intel Corporation
Research Fellow	Imagineering Institute
Postdoctoral Research Associate	University of Washington
Lecturer	Mahidol University