UW Alumni Survey Results
2014-2015 DOCTORAL/PROFESSIONAL Degree Recipients

	Mechanical Engineering		College Of Engineering		All Professional		UW Seattle	

Graduates Surveyed

	N	%	N	%	N	%	N	%
Total	23	100%	107	100%	1152	100%	1395	100%
Women	6	26%	29	27%	611	53%	737	53%
Men	17	74%	78	73%	541	47%	658	47%
African American	0	0%	1	1%	36	3%	40	3%
American Indian	0	0%	0	0%	15	1%	19	1%
Asian American	3	13%	6	6%	189	16%	207	15%
Caucasian	10	43%	43	40%	688	60%	813	58%
Hawaiian/Pacific Islander	0	0%	0	0%	9	1%	9	1%
Hispanic/Latino	1	4%	5	5%	47	4%	60	4%
Other/Not Indicated	9	39%	52	49%	168	15%	247	18%
International	8	35%	43	40%	104	9%	161	12%

Survey Response Rates

	N	%	N	%	N	%	N	%
Total	13	57%	47	44%	468	41%	589	42%
Women	6	46%	14	30%	251	54%	321	54%
Men	7	54%	33	70%	217	46%	268	46%
African American	0	0%	0	0%	11	2%	13	2%
American Indian	0	0%	0	0%	6	1%	7	1%
Asian American	2	15%	4	9%	74	16%	81	14%
Caucasian	6	46%	21	45%	285	61%	361	61%
Hawaiian/Pacific Islander	0	0%	0	0%	5	1%	5	1%
Hispanic/Latino	1	8%	3	6%	20	4%	24	4%
Other/Not Indicated	4	31%	19	40%	67	14%	98	17%
International	3	23%	16	34%	41	9%	63	11%

Current Status

	N	%	N	%	N	%	N	%
Employed for pay full time	11	85%	41	87%	381	81%	478	81%
Employed for pay part time	1	8%	1	2%	26	6%	40	7%
Participating in a volunteer or service program	0	0%	0	0%	0	0%	0	0%
Serving in the U.S. military	0	0%	1	2%	3	1%	3	1%
Enrolled in a program of continuing education	0	0%	1	2%	20	4%	20	3%
Planning to continue education	0	0%	0	0%	0	0%	0	0%
Seeking employment	0	0%	2	4%	18	4%	24	4%
Not seeking employment or continuing education	0	0%	0	0%	1	0%	2	0%
Other	1	8%	1	2%	19	4%	22	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	6	50%	24	57%	195	50%	232	47%
Entrepreneur/self-employed	0	0%	1	2%	4	1%	5	1%
Temporary/contract work assignment	1	8%	1	2%	12	3%	16	3%
Freelance	0	0%	0	0%	1	0%	3	1%
Postgraduate internship or fellowship	4	33%	11	26%	138	36%	161	33%
Faculty tenure track position	1	8%	4	10%	16	4%	28	6%
Faculty non-tenure track position	0	0%	1	2%	16	4%	39	8%
Other	0	0%	0	0%	6	2%	10	2%

Career related

	N	%	N	%	N	%	N	%
Yes	12	100%	42	100%	377	98%	479	98%
No	0	0%	0	0%	8	2%	12	2%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	6	50%	15	36%	189	50%	226	47%
Other Washington	0	0%	1	2%	26	7%	30	6%
Alaska, Idaho, Oregon	1	8%	1	2%	17	4%	20	4%
California, Hawaii	2	17%	8	19%	40	11%	53	11%
Mountain states	1	8%	2	5%	18	5%	23	5%
Central states	0	0%	1	2%	21	6%	29	6%
Eastern states	1	8%	10	24%	49	13%	73	15%
International	1	8%	4	10%	19	5%	29	6%

Type of employer

	N	%	N	%	N	%	N	%
Private	4	33%	22	55%	122	34%	164	36%
Non-profit/NGO	3	25%	5	13%	84	23%	99	22%
Government	2	17%	8	20%	115	32%	136	30%
Other	3	25%	5	13%	41	11%	57	13%

Search time (weeks)

N		11		37		311		388
Mean		6.0		12.4		8.8		9.8
SD		7		14		11		11
Range	0	20	0	52	0	52	0	52

Salary

N		4		13		136		165
Mean		93,500		100,919		91,561		90,481
SD		14,708		16,518		32,823		31,407
Range	72,000	105,000	72,000	145,000	31,000	200,000	31,000	200,000

First year bonus

N		1		8		33		40
Mean		27,000		15,281		13,865		14,539
SD				14,039		17,955		17,358
Range	27,000	27,000	5,000	45,000	500	80,000	500	80,000

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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%	1	100%	1	33%	1	33%
Army	0	0%	0	0%	1	33%	1	33%
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	33%	1	33%

Status

	N	%	N	%	N	%	N	%
Active duty	0	0%	1	100%	3	100%	3	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%	0	0%	0	0%
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%	1	100%	2	12%	2	12%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	1	6%	1	6%
Other	0	0%	0	0%	0	0%	0	0%

School location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	0	0%	1	100%	9	56%	9	56%
Other Washington	0	0%	0	0%	1	6%	1	6%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%	0	0%
California, Hawaii	0	0%	0	0%	1	6%	1	6%
Mountain states	0	0%	0	0%	0	0%	0	0%
Central states	0	0%	0	0%	1	6%	1	6%
Eastern states	0	0%	0	0%	3	19%	3	19%
International	0	0%	0	0%	1	6%	1	6%

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All Respondents

Authorized to permanently work in the U.S.

	N	%	N	%	N	%	N	%
Yes	11	85%	36	77%	406	92%	507	92%
No	2	15%	11	23%	33	8%	47	8%

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	13	3.5	46	3.6	407	3.6	515	3.6
Writing effectively	13	2.6	46	3.1	408	3.3	517	3.3
Speaking effectively about ideas, projects, and plans	13	3.1	46	3.3	407	3.2	515	3.3
Critically analyzing the research, technical literature, and/or performance in your field	13	3.5	46	3.6	405	3.6	513	3.6
Identifying important questions in your field	13	3.2	46	3.3	405	3.4	513	3.4
Identifying and using the best methods for answering specific questions in your field	13	3.2	46	3.3	404	3.4	512	3.4
Knowing how to generate original/creative ideas, solutions, and research directions	13	2.8	46	3.1	403	3.2	511	3.2
Knowing how to put research ideas into practice in your field	13	3.2	46	3.2	403	3.2	510	3.2
Understanding ethics and ethical practice in your field	13	2.5	46	2.8	404	3.2	510	3.2
Understanding, evaluating, and using the quantitative methods relevant to your field	13	3.2	46	3.3	404	3.3	510	3.3
Mastering specialized instruments, computer programs, or materials important to your field	13	3.2	46	3.2	402	3.1	510	3.1
Learning independently	13	3.3	46	3.5	403	3.6	510	3.6
Working collaboratively with others within your field	13	3.2	46	3.3	404	3.3	511	3.3
Working collaboratively with interdisciplinary groups	13	3.1	46	3.2	404	3.1	512	3.0
Understanding and valuing diverse people and cultures	13	2.8	46	3.0	403	3.0	510	3.1
Using self-reflection and self-assessment to guide next directions	13	2.6	46	3.0	404	3.1	511	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	13	3.3	46	3.4	379	3.7	482	3.6
Writing effectively	13	3.6	46	3.6	379	3.6	482	3.6
Speaking effectively about ideas, projects, and plans	13	3.5	46	3.6	379	3.6	481	3.7
Critically analyzing the research, technical literature, and/or performance in your field	13	3.5	46	3.5	379	3.6	481	3.6
Identifying important questions in your field	13	3.2	46	3.3	375	3.6	476	3.5
Identifying and using the best methods for answering specific questions in your field	13	3.3	46	3.5	377	3.6	479	3.6
Knowing how to generate original/creative ideas, solutions, and research directions	13	3.4	46	3.5	379	3.5	481	3.5
Knowing how to put research ideas into practice in your field	13	3.5	46	3.5	378	3.5	480	3.5
Understanding ethics and ethical practice in your field	13	3.5	46	3.4	378	3.5	478	3.4
Understanding, evaluating, and using the quantitative methods relevant to your field	13	3.4	46	3.4	377	3.4	477	3.3
Mastering specialized instruments, computer programs, or materials important to your field	13	3.2	46	3.3	376	3.4	478	3.3
Learning independently	13	3.4	46	3.5	379	3.7	480	3.7
Working collaboratively with others within your field	13	3.8	46	3.7	379	3.7	481	3.7
Working collaboratively with interdisciplinary groups	13	3.8	46	3.5	380	3.6	482	3.5
Understanding and valuing diverse people and cultures	13	3.2	46	3.2	379	3.5	481	3.4
Using self-reflection and self-assessment to guide next directions	13	3.1	46	3.3	378	3.4	477	3.4

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	13	3.5	46	3.2	362	3.2	468	3.2
The help you received from graduate student colleagues	13	3.2	46	3.3	390	3.2	494	3.2
The help you received navigating the job market	13	1.8	45	2.1	390	2.3	495	2.3
Your overall learning experience at the UW	13	3.3	46	3.4	395	3.4	501	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.	13	3.4	46	3.6	394	3.5	500	3.5
Students in my major treated each other respectfully – regardless of race, gender, ethnicity, sexuality, and country of origin.	13	3.5	46	3.6	394	3.6	500	3.6
Classrooms, labs, and other campus spaces were accessible.	13	3.4	45	3.5	393	3.5	498	3.5
If I had to make my college choice over again, I would choose to attend UW.	13	3.2	46	3.3	396	3.5	501	3.4

Current activity roster

Employed Full Time or Part time

Job title	Employing organization
Hardware Engineer	Amazon
Senior Technical Fellow	Boeing
Engineer III in R&D	Houghton International Inc.
Senior Engineer	
Post Doc	UW
Senior Fellow	Bloodworks NW
Assistant Professor	
postdoctoral scholar	
Graduate Intern	National Renewable Energy Laboratory
Research engineer	University of Washington
Postdoctoral research assistant	University Medical Center Hamburg-Eppendorf
Mechanical Engineer	Jet Propulsion Laboratory