

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

	Chemical Engineering		College Of Engineering		All Professional		UW Seattle	
Graduates Surveyed								
	N	%	N	%	N	%	N	%
Total	13	100%	107	100%	1152	100%	1395	100%
Women	5	38%	29	27%	611	53%	737	53%
Men	8	62%	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	1	8%	6	6%	189	16%	207	15%
Caucasian	7	54%	43	40%	688	60%	813	58%
Hawaiian/Pacific Islander	0	0%	0	0%	9	1%	9	1%
Hispanic/Latino	1	8%	5	5%	47	4%	60	4%
Other/Not Indicated	4	31%	52	49%	168	15%	247	18%
International	3	23%	43	40%	104	9%	161	12%
Survey Response Rates								
	N	%	N	%	N	%	N	%
Total	7	54%	47	44%	468	41%	589	42%
Women	2	29%	14	30%	251	54%	321	54%
Men	5	71%	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	0	0%	4	9%	74	16%	81	14%
Caucasian	4	57%	21	45%	285	61%	361	61%
Hawaiian/Pacific Islander	0	0%	0	0%	5	1%	5	1%
Hispanic/Latino	0	0%	3	6%	20	4%	24	4%
Other/Not Indicated	3	43%	19	40%	67	14%	98	17%
International	2	29%	16	34%	41	9%	63	11%
Current Status								
	N	%	N	%	N	%	N	%
Employed for pay full time	7	100%	41	87%	381	81%	478	81%
Employed for pay part time	0	0%	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	0	0%	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	5	71%	24	57%	195	50%	232	47%
Entrepreneur/self-employed	0	0%	1	2%	4	1%	5	1%
Temporary/contract work assignment	0	0%	1	2%	12	3%	16	3%
Freelance	0	0%	0	0%	1	0%	3	1%
Postgraduate internship or fellowship	2	29%	11	26%	138	36%	161	33%
Faculty tenure track position	0	0%	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	7	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	1	14%	15	36%	189	50%	226	47%
Other Washington	1	14%	1	2%	26	7%	30	6%
Alaska, Idaho, Oregon	0	0%	1	2%	17	4%	20	4%
California, Hawaii	1	14%	8	19%	40	11%	53	11%
Mountain states	0	0%	2	5%	18	5%	23	5%
Central states	0	0%	1	2%	21	6%	29	6%
Eastern states	3	43%	10	24%	49	13%	73	15%
International	1	14%	4	10%	19	5%	29	6%

Type of employer

	N	%	N	%	N	%	N	%
Private	5	71%	22	55%	122	34%	164	36%
Non-profit/NGO	1	14%	5	13%	84	23%	99	22%
Government	1	14%	8	20%	115	32%	136	30%
Other	0	0%	5	13%	41	11%	57	13%

Search time (weeks)

	N	7	37	311	388
Mean		21.7	12.4	8.8	9.8
SD		15	14	11	11
Range	6	50	0	52	0

Salary

	N	3	13	136	165
Mean		95,667	100,919	91,561	90,481
SD		2,082	16,518	32,823	31,407
Range	94,000	98,000	72,000	145,000	31,000

First year bonus

	N	2	8	33	40
Mean		7,500	15,281	13,865	14,539
SD		3,536	14,039	17,955	17,358
Range	5,000	10,000	5,000	45,000	500

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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	6	86%	36	77%	406	92%	507	92%
No	1	14%	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	6	2.8	46	3.6	407	3.6	515	3.6
Writing effectively	6	2.7	46	3.1	408	3.3	517	3.3
Speaking effectively about ideas, projects, and plans	6	3.3	46	3.3	407	3.2	515	3.3
Critically analyzing the research, technical literature, and/or performance in your field	6	3.3	46	3.6	405	3.6	513	3.6
Identifying important questions in your field	6	3.0	46	3.3	405	3.4	513	3.4
Identifying and using the best methods for answering specific questions in your field	6	3.0	46	3.3	404	3.4	512	3.4
Knowing how to generate original/creative ideas, solutions, and research directions	6	3.3	46	3.1	403	3.2	511	3.2
Knowing how to put research ideas into practice in your field	6	3.2	46	3.2	403	3.2	510	3.2
Understanding ethics and ethical practice in your field	6	2.7	46	2.8	404	3.2	510	3.2
Understanding, evaluating, and using the quantitative methods relevant to your field	6	2.8	46	3.3	404	3.3	510	3.3
Mastering specialized instruments, computer programs, or materials important to your field	6	3.0	46	3.2	402	3.1	510	3.1
Learning independently	6	3.2	46	3.5	403	3.6	510	3.6
Working collaboratively with others within your field	6	2.7	46	3.3	404	3.3	511	3.3
Working collaboratively with interdisciplinary groups	6	2.5	46	3.2	404	3.1	512	3.0
Understanding and valuing diverse people and cultures	6	2.3	46	3.0	403	3.0	510	3.1
Using self-reflection and self-assessment to guide next directions	6	2.7	46	3.0	404	3.1	511	3.0

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IMPORTANCE to current work and life	N	Mean	N	Mean	N	Mean	N	Mean
Acquiring deep knowledge in your chosen field of study	6	3.0	46	3.4	379	3.7	482	3.6
Writing effectively	6	3.5	46	3.6	379	3.6	482	3.6
Speaking effectively about ideas, projects, and plans	6	3.3	46	3.6	379	3.6	481	3.7
Critically analyzing the research, technical literature, and/or performance in your field	6	3.7	46	3.5	379	3.6	481	3.6
Identifying important questions in your field	6	3.3	46	3.3	375	3.6	476	3.5
Identifying and using the best methods for answering specific questions in your field	6	3.3	46	3.5	377	3.6	479	3.6
Knowing how to generate original/creative ideas, solutions, and research directions	6	3.2	46	3.5	379	3.5	481	3.5
Knowing how to put research ideas into practice in your field	6	3.2	46	3.5	378	3.5	480	3.5
Understanding ethics and ethical practice in your field	6	3.3	46	3.4	378	3.5	478	3.4
Understanding, evaluating, and using the quantitative methods relevant to your field	6	3.2	46	3.4	377	3.4	477	3.3
Mastering specialized instruments, computer programs, or materials important to your field	6	3.2	46	3.3	376	3.4	478	3.3
Learning independently	6	3.3	46	3.5	379	3.7	480	3.7
Working collaboratively with others within your field	6	3.3	46	3.7	379	3.7	481	3.7
Working collaboratively with interdisciplinary groups	6	3.2	46	3.5	380	3.6	482	3.5
Understanding and valuing diverse people and cultures	6	3.0	46	3.2	379	3.5	481	3.4
Using self-reflection and self-assessment to guide next directions	6	3.5	46	3.3	378	3.4	477	3.4

1=Not at all; 2=Somewhat; 3=Moderately; 4=Very

Overall UW experience

	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	2.8	46	3.2	362	3.2	468	3.2
The help you received from graduate student colleagues	6	3.3	46	3.3	390	3.2	494	3.2
The help you received navigating the job market	6	1.5	45	2.1	390	2.3	495	2.3
Your overall learning experience at the UW	6	3.2	46	3.4	395	3.4	501	3.4

1=Poor; 2=Fair; 3=Good; 4=Excellent

	N	Mean	N	Mean	N	Mean	N	Mean
Faculty treated students respectfully, regardless of race, gender, ethnicity, sexuality, and country of origin.	6	3.5	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.	6	3.7	46	3.6	394	3.6	500	3.6
Classrooms, labs, and other campus spaces were accessible.	6	3.2	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.	6	3.0	46	3.3	396	3.5	501	3.4

1=Strongly Disagree; 2=Disagree; 3=Agree; 4=Strongly Agree

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

Job title	Employing organization
scientist	galaxy bio inc
NRC Postdoctoral Researcher	
Scientist	Intrexon
Chemical Engineer	Janicki Bioenergy
Postdoctoral Fellow Jensen Lab Ben Towne Center for Childhood Cancer Research	Ben Towne Center for Childhood Cancer Research part of Seattle Children's Research Institute
Senior Research Engineer I	Saint-Gobain
Technical Specialist	Finnegan Henderson Farabow Garret & Dunner LLP