

UW Alumni Survey Results 2015-2016 DOCTORAL/PROFESSIONAL Degree Recipients

Mathematics A&S Natural Sciences Arts & Sciences UW Seattle

Graduates Surveyed

	N	%	N	%	N	%	N	%
Total	18	100%	126	100%	243	100%	1294	100%
Women	1	6%	61	48%	129	53%	707	55%
Men	17	94%	65	52%	114	47%	587	45%
African American	1	6%	5	4%	7	3%	33	3%
American Indian	0	0%	0	0%	1	0%	15	1%
Asian American	0	0%	11	9%	16	7%	189	15%
Caucasian	6	33%	72	57%	133	55%	759	59%
Hawaiian/Pacific Islander	0	0%	1	1%	2	1%	7	1%
Hispanic/Latino	0	0%	2	2%	7	3%	71	5%
Other/Not Indicated	11	61%	35	28%	77	32%	220	17%
International	9	50%	21	17%	48	20%	137	11%

Survey Response Rates

	N	%	N	%	N	%	N	%
Total	8	44%	69	55%	120	49%	510	39%
Women	0	0%	33	48%	63	53%	299	59%
Men	8	100%	36	52%	57	48%	211	41%
African American	1	13%	2	3%	3	3%	13	3%
American Indian	0	0%	0	0%	0	0%	7	1%
Asian American	0	0%	6	9%	8	7%	56	11%
Caucasian	2	25%	39	57%	68	57%	318	62%
Hawaiian/Pacific Islander	0	0%	1	1%	1	1%	2	0%
Hispanic/Latino	0	0%	2	3%	5	4%	28	5%
Other/Not Indicated	5	63%	19	28%	35	29%	86	17%
International	4	50%	11	16%	24	20%	55	11%

Current Status

	N	%	N	%	N	%	N	%
Employed for pay full time	8	100%	57	83%	88	73%	410	80%
Employed for pay part time	0	0%	3	4%	15	13%	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%	0	0%	3	1%
Enrolled in a program of continuing education	0	0%	0	0%	1	1%	16	3%
Planning to continue education	0	0%	0	0%	0	0%	0	0%
Seeking employment	0	0%	7	10%	12	10%	25	5%
Not seeking employment or continuing education	0	0%	1	1%	1	1%	1	0%
Other	0	0%	1	1%	3	3%	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	3	38%	24	42%	42	42%	212	49%
Entrepreneur/self-employed	0	0%	0	0%	0	0%	6	1%
Temporary/contract work assignment	1	13%	3	5%	5	5%	16	4%
Freelance	0	0%	0	0%	2	2%	4	1%
Postgraduate internship or fellowship	3	38%	22	39%	29	29%	143	33%
Faculty tenure track position	0	0%	1	2%	7	7%	23	5%
Faculty non-tenure track position	1	13%	6	11%	13	13%	22	5%
Other	0	0%	1	2%	1	1%	10	2%

Career related

	N	%	N	%	N	%	N	%
Yes	7	88%	55	96%	93	94%	424	97%
No	1	13%	2	4%	6	6%	12	3%

Job location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	2	25%	20	35%	35	36%	200	46%
Other Washington	0	0%	5	9%	5	5%	29	7%
Alaska, Idaho, Oregon	0	0%	1	2%	3	3%	31	7%
California, Hawaii	3	38%	10	18%	15	15%	47	11%
Mountain states	0	0%	2	4%	4	4%	22	5%
Central states	1	13%	4	7%	8	8%	29	7%
Eastern states	1	13%	13	23%	19	19%	51	12%
International	1	13%	2	4%	9	9%	24	6%

Type of employer

	N	%	N	%	N	%	N	%
Private	4	50%	22	39%	37	39%	148	36%
Non-profit/NGO	0	0%	4	7%	9	9%	76	18%
Government	3	38%	28	50%	48	50%	171	42%
Other	1	13%	2	4%	2	2%	16	4%

Search time (weeks)

	N		N		N		N	
	6		48		70		301	
Mean	9.7		9.5		10.4		10.2	
SD	7		8		9		11	
Range	0 20		0 40		0 40		0 52	

Salary

	N		N		N		N	
	3		24		41		189	
Mean	125,333		95,979		89,584		88,503	
SD	8,083		26,921		33,662		33,455	
Range	116,000 130,000		47,000 135,000		30,000 150,000		30,000 250,000	

First year bonus

	N		N		N		N	
	1		7		11		40	
Mean	5,000		10,486		13,491		11,999	
SD			5,464		10,108		12,501	
Range	5,000 5,000		5,000 17,400		5,000 40,000		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%	0	0%	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%	0	0%	1	50%

Status

	N	%	N	%	N	%	N	%
Active duty	0	0%	0	0%	0	0%	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%	0	0%	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%	0	0%	2	13%
Masters (MA/MS) – leading to doctorate	0	0%	0	0%	0	0%	0	0%
Doctorate (PhD/EdD)	0	0%	0	0%	1	100%	1	6%
Professional (JD, MD, DDS, PharmD)	0	0%	0	0%	0	0%	5	31%
Other	0	0%	0	0%	0	0%	0	0%

School location

	N	%	N	%	N	%	N	%
King, Pierce, Snohomish counties	0	0%	0	0%	0	0%	9	60%
Other Washington	0	0%	0	0%	1	100%	2	13%
Alaska, Idaho, Oregon	0	0%	0	0%	0	0%	0	0%
California, Hawaii	0	0%	0	0%	0	0%	2	13%
Mountain states	0	0%	0	0%	0	0%	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%	0	0%	1	7%

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

	N	%	N	%	N	%	N	%
Yes	6	86%	58	89%	95	83%	441	91%
No	1	14%	7	11%	19	17%	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	8	3.9	65	3.8	112	3.8	457	3.7
Writing effectively	8	3.6	65	3.4	112	3.5	456	3.4
Speaking effectively about ideas, projects, and plans	8	3.3	65	3.3	112	3.3	457	3.3
Critically analyzing the research, technical literature, and/or performance in your field	7	3.3	64	3.7	111	3.7	455	3.6
Identifying important questions in your field	8	3.6	65	3.5	112	3.5	456	3.5
Identifying and using the best methods for answering specific questions in your field	7	3.4	63	3.5	110	3.4	454	3.4
Knowing how to generate original/creative ideas, solutions, and research directions	7	3.6	64	3.3	111	3.4	454	3.3
Knowing how to put research ideas into practice in your field	7	3.6	64	3.4	111	3.3	453	3.3
Understanding ethics and ethical practice in your field	7	3.1	64	3.0	111	3.0	454	3.2
Understanding, evaluating, and using the quantitative methods relevant to your field	7	3.3	64	3.4	110	3.1	451	3.2
Mastering specialized instruments, computer programs, or materials important to your field	7	2.7	64	3.2	111	2.9	452	3.1
Learning independently	7	3.7	64	3.8	111	3.8	451	3.6
Working collaboratively with others within your field	7	2.7	64	3.3	111	3.1	453	3.3
Working collaboratively with interdisciplinary groups	7	2.0	64	2.8	111	2.7	452	3.0
Understanding and valuing diverse people and cultures	7	2.9	64	2.9	110	3.1	452	3.1
Using self-reflection and self-assessment to guide next directions	7	3.1	64	3.0	111	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	8	3.5	60	3.4	105	3.5	439	3.7
Writing effectively	8	3.4	60	3.5	105	3.5	437	3.6
Speaking effectively about ideas, projects, and plans	8	3.6	60	3.6	105	3.6	436	3.7
Critically analyzing the research, technical literature, and/or performance in your field	8	3.3	60	3.5	105	3.4	437	3.6
Identifying important questions in your field	8	3.3	60	3.4	105	3.4	438	3.5
Identifying and using the best methods for answering specific questions in your field	7	3.6	59	3.5	104	3.5	437	3.6
Knowing how to generate original/creative ideas, solutions, and research directions	7	3.3	58	3.5	103	3.5	437	3.5
Knowing how to put research ideas into practice in your field	7	3.4	59	3.3	104	3.4	436	3.5
Understanding ethics and ethical practice in your field	6	2.2	57	3.1	102	3.2	433	3.5
Understanding, evaluating, and using the quantitative methods relevant to your field	7	3.0	59	3.4	104	3.1	436	3.3
Mastering specialized instruments, computer programs, or materials important to your field	7	2.9	58	3.2	103	3.1	436	3.3
Learning independently	7	3.6	59	3.6	104	3.6	437	3.7
Working collaboratively with others within your field	7	3.6	59	3.7	104	3.6	436	3.7
Working collaboratively with interdisciplinary groups	7	3.0	59	3.3	104	3.3	434	3.5
Understanding and valuing diverse people and cultures	7	2.3	59	3.1	104	3.4	436	3.5
Using self-reflection and self-assessment to guide next directions	7	3.1	59	3.3	104	3.4	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	7	3.3	62	3.2	107	3.2	409	3.2
The help you received from graduate student colleagues	7	3.4	62	3.4	107	3.3	443	3.3
The help you received navigating the job market	7	3.1	61	2.3	105	2.3	440	2.4
Your overall learning experience at the UW	7	3.7	62	3.5	107	3.5	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.	7	3.9	62	3.4	107	3.4	446	3.5
Students in my major treated each other respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin.	7	3.6	62	3.6	107	3.6	447	3.6
Classrooms, labs, and other campus spaces were accessible.	7	3.7	62	3.5	107	3.5	446	3.5
If I had to make my college choice over again, I would choose to attend UW.	7	3.9	62	3.5	107	3.4	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?	3	4.0	19	3.5	44	3.5	223	3.4

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

Job title	Employing organization
Hans Rademacher Instructor	
Data Scientist	EBay
postdoc	LSU
Sr. Data Scientist	LinkedIn
Data scientist	LodgIQ
Postdoc	University of Copenhagen
Software engineer	Google
Miller fellow	