# UW Alumni Survey Results
# 2020-2021 MASTERS Degree Recipients

## Graduates Surveyed

| | Bioengineering | | Interschool Or Intercollege Programs | | All Professional | | UW Seattle | |
|---|---|---|---|---|---|---|---|---|
| | N | % | N | % | N | % | N | % |
| Total | 40 | 100% | 89 | 100% | 3685 | 100% | 4305 | 100% |
| Women | 26 | 65% | 64 | 72% | 2044 | 55% | 2398 | 56% |
| Men | 14 | 35% | 25 | 28% | 1641 | 45% | 1907 | 44% |
| African American | 0 | 0% | 3 | 3% | 143 | 4% | 162 | 4% |
| American Indian | 1 | 3% | 2 | 2% | 46 | 1% | 49 | 1% |
| Asian American | 7 | 18% | 12 | 13% | 610 | 17% | 680 | 16% |
| Caucasian | 18 | 45% | 40 | 45% | 1682 | 46% | 1942 | 45% |
| Hawaiian/Pacific Islander | 0 | 0% | 0 | 0% | 23 | 1% | 28 | 1% |
| Hispanic/Latino | 3 | 8% | 7 | 8% | 245 | 7% | 302 | 7% |
| Other/Not Indicated | 11 | 28% | 25 | 28% | 936 | 25% | 1142 | 27% |
| International | 10 | 25% | 22 | 25% | 853 | 23% | 1042 | 24% |

## Survey Response Rates

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| Total | 19 | 48% | 35 | 39% | 1027 | 28% | 1174 | 27% |
| Women | 10 | 53% | 22 | 63% | 583 | 57% | 671 | 57% |
| Men | 9 | 47% | 13 | 37% | 444 | 43% | 503 | 43% |
| African American | 0 | 0% | 0 | 0% | 31 | 3% | 37 | 3% |
| American Indian | 1 | 5% | 2 | 6% | 13 | 1% | 16 | 1% |
| Asian American | 2 | 11% | 3 | 9% | 158 | 15% | 171 | 15% |
| Caucasian | 11 | 58% | 19 | 54% | 504 | 49% | 572 | 49% |
| Hawaiian/Pacific Islander | 0 | 0% | 0 | 0% | 7 | 1% | 8 | 1% |
| Hispanic/Latino | 2 | 11% | 3 | 9% | 68 | 7% | 81 | 7% |
| Other/Not Indicated | 3 | 16% | 8 | 23% | 246 | 24% | 289 | 25% |
| International | 3 | 16% | 7 | 20% | 224 | 22% | 264 | 22% |

## Current Status

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| Employed for pay full time | 16 | 84% | 25 | 71% | 813 | 79% | 901 | 77% |
| Employed for pay part time | 1 | 5% | 1 | 3% | 40 | 4% | 47 | 4% |
| Participating in a volunteer or service program | 0 | 0% | 0 | 0% | 4 | 0% | 4 | 0% |
| Serving in the U.S. military | 0 | 0% | 0 | 0% | 7 | 1% | 8 | 1% |
| Enrolled in a certificate or degree program | 1 | 5% | 4 | 11% | 58 | 6% | 88 | 7% |
| Planning to continue education | 0 | 0% | 1 | 3% | 2 | 0% | 5 | 0% |
| Seeking employment | 1 | 5% | 3 | 9% | 69 | 7% | 79 | 7% |
| A fellowship | 0 | 0% | 1 | 3% | 15 | 1% | 18 | 2% |
| Not seeking employment or continuing education | 0 | 0% | 0 | 0% | 19 | 2% | 24 | 2% |

## Employed Full Time or Part time

### Type of employment

| | Bioengineering | | Interschool Or Intercollege Programs | | All Professional | | UW Seattle | |
|---|---|---|---|---|---|---|---|---|
| | N | % | N | % | N | % | N | % |
| Employee working for a company or organization | 15 | 88% | 24 | 92% | 775 | 93% | 849 | 92% |
| Entrepreneur/self-employed | 0 | 0% | 0 | 0% | 5 | 1% | 9 | 1% |
| Temporary/contract work assignment | 1 | 6% | 1 | 4% | 23 | 3% | 28 | 3% |
| Freelance | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Postgraduate internship or fellowship | 0 | 0% | 0 | 0% | 8 | 1% | 10 | 1% |
| Faculty tenure track position | 0 | 0% | 0 | 0% | 4 | 0% | 4 | 0% |
| Faculty non-tenure track position | 1 | 6% | 1 | 4% | 9 | 1% | 12 | 1% |
| Other | 0 | 0% | 0 | 0% | 7 | 1% | 11 | 1% |

### Career related

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| Yes | 17 | 100% | 26 | 100% | 793 | 96% | 878 | 96% |
| No | 0 | 0% | 0 | 0% | 33 | 4% | 40 | 4% |

### Job location

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| King, Pierce, Snohomish counties | 9 | 56% | 15 | 60% | 532 | 66% | 589 | 66% |
| Other Washington | 1 | 6% | 1 | 4% | 31 | 4% | 34 | 4% |
| Alaska, Idaho, Oregon | 0 | 0% | 0 | 0% | 16 | 2% | 18 | 2% |
| California, Hawaii | 3 | 19% | 3 | 12% | 69 | 9% | 77 | 9% |
| Mountain states | 0 | 0% | 0 | 0% | 21 | 3% | 24 | 3% |
| Central states | 0 | 0% | 0 | 0% | 28 | 3% | 30 | 3% |
| Eastern states | 2 | 13% | 2 | 8% | 48 | 6% | 56 | 6% |
| International | 1 | 6% | 4 | 16% | 57 | 7% | 63 | 7% |

### Type of employer

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| For-profit company | 13 | 81% | 14 | 56% | 477 | 59% | 527 | 59% |
| Non-profit/NGO | 0 | 0% | 3 | 12% | 94 | 12% | 108 | 12% |
| Government | 0 | 0% | 2 | 8% | 199 | 25% | 214 | 24% |
| Other | 3 | 19% | 6 | 24% | 35 | 4% | 39 | 4% |

### Search time (weeks)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| N | | 12 | | 16 | | 463 | | 512 |
| Mean | | 15.5 | | 12.8 | | 11.4 | | 11.5 |
| SD | | 13 | | 12 | | 10 | | 10 |
| Range | 0 | 35 | 0 | 35 | 0 | 53 | 0 | 53 |

### Salary

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| N | | 14 | | 21 | | 661 | | 724 |
| Mean | | 77,319 | | 74,784 | | 96,305 | | 95,246 |
| SD | | 18,320 | | 16,909 | | 53,960 | | 52,455 |
| Range | 56,000 | 125,000 | 52,000 | 125,000 | 10,000 | 600,000 | 10,000 | 600,000 |

### First year bonus

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| N | | 7 | | 7 | | 183 | | 198 |
| Mean | | 10,322 | | 10,322 | | 22,219 | | 21,446 |
| SD | | 9,756 | | 9,756 | | 25,732 | | 25,047 |
| Range | 2,000 | 30,000 | 2,000 | 30,000 | 413 | 177,000 | 300 | 177,000 |

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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% | 3 | 75% | 3 | 75% |
| 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% | 1 | 25% | 1 | 25% |
| **Serving in the US Military** | | | | | | | | |
| **Service branch** | | | | | | | | |
| | N | % | N | % | N | % | N | % |
| Air Force | 0 | 0% | 0 | 0% | 2 | 29% | 2 | 25% |
| Army | 0 | 0% | 0 | 0% | 3 | 43% | 4 | 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% | 2 | 29% | 2 | 25% |
| **Status** | | | | | | | | |
| | N | % | N | % | N | % | N | % |
| Active duty | 0 | 0% | 0 | 0% | 6 | 86% | 7 | 88% |
| Reserve | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| National Guard | 0 | 0% | 0 | 0% | 1 | 14% | 1 | 13% |
| **Enrolled in Educational Program** | | | | | | | | |
| **Degree program** | | | | | | | | |
| | N | % | N | % | N | % | N | % |
| Certificate | 0 | 0% | 0 | 0% | 0 | 0% | 2 | 2% |
| Advanced Certificate | 0 | 0% | 0 | 0% | 0 | 0% | 1 | 1% |
| 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% | 1 | 25% | 5 | 9% | 5 | 6% |
| Masters (MA/MS) – leading to doctorate | 0 | 0% | 0 | 0% | 1 | 2% | 1 | 1% |
| Doctorate (PhD/EdD) | 1 | 100% | 3 | 75% | 45 | 82% | 71 | 85% |
| Professional (JD, MD, DDS, PharmD) | 0 | 0% | 0 | 0% | 3 | 5% | 3 | 4% |
| Non-Degree Seeking | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Postdoctoral Studies | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Other | 0 | 0% | 0 | 0% | 1 | 2% | 1 | 1% |

## School location

| | Bioengineering | | Interschool Or Intercollege Programs | | All Professional | | UW Seattle | |
|---|---|---|---|---|---|---|---|---|
| | N | % | N | % | N | % | N | % |
| King, Pierce, Snohomish counties | 0 | 0% | 0 | 0% | 34 | 63% | 52 | 64% |
| Other Washington | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Alaska, Idaho, Oregon | 0 | 0% | 0 | 0% | 1 | 2% | 1 | 1% |
| California, Hawaii | 0 | 0% | 1 | 25% | 2 | 4% | 5 | 6% |
| Mountain states | 0 | 0% | 0 | 0% | 3 | 6% | 3 | 4% |
| Central states | 0 | 0% | 1 | 25% | 1 | 2% | 1 | 1% |
| Eastern states | 1 | 100% | 2 | 50% | 7 | 13% | 9 | 11% |
| International | 0 | 0% | 0 | 0% | 6 | 11% | 10 | 12% |

## All Respondents

### Authorized to permanently work in the U.S.

| | Bioengineering | | Interschool Or Intercollege Programs | | All Professional | | UW Seattle | |
|---|---|---|---|---|---|---|---|---|
| | N | % | N | % | N | % | N | % |
| Yes | 16 | 84% | 27 | 77% | 797 | 82% | 908 | 82% |
| No | 3 | 16% | 8 | 23% | 176 | 18% | 204 | 18% |

### Amount UW academic program ADVANCED LEARNING

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

| | Bioengineering | | Interschool Or Intercollege Programs | | All Professional | | UW Seattle | |
|---|---|---|---|---|---|---|---|---|
| | N | Mean | N | Mean | N | Mean | N | Mean |
| Acquiring deep knowledge in your chosen field of study | 18 | 3.1 | 32 | 3.3 | 930 | 3.3 | 1058 | 3.3 |
| Writing effectively | 18 | 2.7 | 32 | 2.8 | 924 | 3.0 | 1052 | 3.0 |
| Speaking effectively about ideas, projects, and plans | 18 | 3.0 | 32 | 2.9 | 922 | 3.0 | 1050 | 3.0 |
| Critically analyzing the research, technical literature, and/or performance in your field | 18 | 3.2 | 32 | 3.3 | 923 | 3.2 | 1051 | 3.2 |
| Identifying important questions in your field | 18 | 3.2 | 32 | 3.3 | 923 | 3.3 | 1051 | 3.3 |
| Identifying and using the best methods for answering specific questions in your field | 18 | 3.0 | 32 | 3.2 | 922 | 3.1 | 1050 | 3.2 |
| Knowing how to generate original/creative ideas, solutions, and research directions | 18 | 2.9 | 32 | 2.9 | 923 | 3.0 | 1050 | 3.0 |
| Knowing how to put research ideas into practice in your field | 18 | 2.5 | 32 | 2.7 | 920 | 2.9 | 1047 | 2.9 |
| Understanding ethics and ethical practice in your field | 18 | 3.2 | 32 | 3.2 | 920 | 3.1 | 1048 | 3.1 |
| Understanding, evaluating, and using the quantitative methods relevant to your field | 18 | 2.7 | 32 | 2.8 | 920 | 3.0 | 1048 | 3.0 |
| Mastering specialized instruments, computer programs, or materials important to your field | 18 | 1.9 | 32 | 2.3 | 921 | 2.7 | 1049 | 2.7 |
| Learning independently | 18 | 3.4 | 32 | 3.2 | 916 | 3.2 | 1044 | 3.2 |
| Working collaboratively with others within your field | 18 | 3.3 | 32 | 3.3 | 919 | 3.3 | 1046 | 3.2 |
| Working collaboratively with interdisciplinary groups | 18 | 3.2 | 32 | 3.1 | 917 | 3.0 | 1045 | 3.0 |
| Understanding and valuing diverse people and cultures | 18 | 2.7 | 32 | 3.1 | 919 | 3.2 | 1045 | 3.2 |
| Using self-reflection and self-assessment to guide next directions | 18 | 2.9 | 32 | 3.0 | 921 | 3.1 | 1049 | 3.1 |

## IMPORTANCE to current work and life

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

| | Bioengineering | | Interschool Or Intercollege Programs | | All Professional | | UW Seattle | |
|---|---|---|---|---|---|---|---|---|
| | N | Mean | N | Mean | N | Mean | N | Mean |
| Acquiring deep knowledge in your chosen field of study | 18 | 3.5 | 32 | 3.5 | 872 | 3.5 | 994 | 3.5 |
| Writing effectively | 18 | 3.2 | 32 | 3.3 | 863 | 3.3 | 985 | 3.3 |
| Speaking effectively about ideas, projects, and plans | 18 | 3.5 | 32 | 3.5 | 862 | 3.5 | 982 | 3.5 |
| Critically analyzing the research, technical literature, and/or performance in your field | 18 | 3.6 | 32 | 3.7 | 862 | 3.2 | 982 | 3.3 |
| Identifying important questions in your field | 18 | 3.3 | 32 | 3.3 | 862 | 3.4 | 983 | 3.4 |
| Identifying and using the best methods for answering specific questions in your field | 18 | 3.4 | 32 | 3.4 | 860 | 3.5 | 979 | 3.4 |
| Knowing how to generate original/creative ideas, solutions, and research directions | 18 | 3.2 | 32 | 3.2 | 861 | 3.4 | 982 | 3.4 |
| Knowing how to put research ideas into practice in your field | 18 | 3.1 | 32 | 3.3 | 861 | 3.2 | 982 | 3.2 |
| Understanding ethics and ethical practice in your field | 18 | 3.0 | 32 | 3.3 | 861 | 3.4 | 982 | 3.4 |
| Understanding, evaluating, and using the quantitative methods relevant to your field | 18 | 3.2 | 32 | 3.3 | 863 | 3.2 | 982 | 3.2 |
| Mastering specialized instruments, computer programs, or materials important to your field | 18 | 3.1 | 32 | 3.2 | 865 | 3.1 | 986 | 3.2 |
| Learning independently | 18 | 3.4 | 32 | 3.5 | 857 | 3.4 | 978 | 3.4 |
| Working collaboratively with others within your field | 18 | 3.7 | 32 | 3.8 | 861 | 3.6 | 981 | 3.6 |
| Working collaboratively with interdisciplinary groups | 18 | 3.5 | 32 | 3.6 | 862 | 3.5 | 983 | 3.5 |
| Understanding and valuing diverse people and cultures | 18 | 2.9 | 32 | 3.3 | 864 | 3.5 | 985 | 3.5 |
| Using self-reflection and self-assessment to guide next directions | 18 | 3.4 | 32 | 3.6 | 863 | 3.4 | 984 | 3.4 |

## Overall UW experience

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

| | Bioengineering | | Interschool Or Intercollege Programs | | All Professional | | UW Seattle | |
|---|---|---|---|---|---|---|---|---|
| | 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 | 18 | 2.9 | 33 | 3.1 | 830 | 3.0 | 943 | 3.0 |
| The help you received from graduate student colleagues | 18 | 3.0 | 33 | 3.2 | 883 | 3.2 | 1003 | 3.2 |
| The help you received navigating the job market | 17 | 2.5 | 32 | 2.2 | 871 | 2.4 | 988 | 2.4 |
| Your overall learning experience at the UW | 18 | 3.1 | 33 | 3.1 | 874 | 3.2 | 993 | 3.2 |

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

| | Bioengineering | | Interschool Or Intercollege Programs | | All Professional | | UW Seattle | |
|---|---|---|---|---|---|---|---|---|
| | N | Mean | N | Mean | N | Mean | N | Mean |
| Faculty treated students respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin. | 18 | 3.7 | 33 | 3.5 | 886 | 3.6 | 1006 | 3.6 |
| Students in my major treated each other respectfully - regardless of race, gender, ethnicity, sexuality, and country of origin. | 18 | 3.7 | 33 | 3.5 | 889 | 3.6 | 1011 | 3.6 |
| Classrooms, labs, and other campus spaces were accessible. | 18 | 2.8 | 33 | 3.0 | 873 | 3.1 | 994 | 3.1 |
| If I had to make my college choice over again, I would choose to attend UW. | 18 | 3.0 | 33 | 3.1 | 891 | 3.4 | 1013 | 3.3 |

1=Strongly Dissatisfied; 2= Dissatisfied; 3= Satisfied; 4= Strongly Satisfied

| | Bioengineering | | Interschool Or Intercollege Programs | | All Professional | | UW Seattle | |
|---|---|---|---|---|---|---|---|---|
| | N | Mean | N | Mean | N | Mean | N | Mean |
| How satisfied are you with your overall experience at UW? | 17 | 3.0 | 31 | 3.1 | 870 | 3.3 | 989 | 3.2 |

# Current activity roster

## Employed Full Time or Part time

| Job title | Employing organization |
|---|---|
| Product Specialist-Specialty Diagnostics | ThermoFisher Scientific |
| Drug Product Engineer | |
| Associate scientist | UCB |
| Scientist | Just-Evotec Biologics |
| research associate | Kelly - Science, Engineering & Technology |
| Associate Professor | UW Orthopedics |
| Research Associate | NanoString |
| Senior Scientist | Novavax |
| Analyst | |
| Bioinformatics scientist | Roche Sequencing Solutions |
| Engineer I | Nanostring |
| QA Associate | egnite |
| Quality control Associate I | Adaptive Biotechnologies |
| Research Assistant | Wyss Institute |
| Senior Research Associate | Bristol Myers Squibb |
| R&D engineer | Jenavalve |
| Senior Research Associate | Bristol Myers Squibb |

## Enrolled in Educational Program

| Program of study | Institution |
|---|---|
| Electrical Engineering and Computer Science | MIT |