# UW Alumni Survey Results
# 2016-2017 UNDERGRADUATE Degree Recipients

## Graduates Surveyed

| | Physics | | A&S Natural Sciences | | Arts & Sciences | | UW Seattle | |
|---|---|---|---|---|---|---|---|---|
| | N | % | N | % | N | % | N | % |
| Total | 126 | 100% | 2280 | 100% | 4762 | 100% | 7485 | 100% |
| Women | 23 | 18% | 1225 | 54% | 2701 | 57% | 4021 | 54% |
| Men | 103 | 82% | 1055 | 46% | 2061 | 43% | 3464 | 46% |
| African American | 1 | 1% | 50 | 2% | 163 | 3% | 236 | 3% |
| American Indian | 3 | 2% | 22 | 1% | 63 | 1% | 97 | 1% |
| Asian American | 26 | 21% | 757 | 33% | 1300 | 27% | 2075 | 28% |
| Caucasian | 71 | 56% | 886 | 39% | 2021 | 42% | 3301 | 44% |
| Hawaiian/Pacific Islander | 1 | 1% | 19 | 1% | 41 | 1% | 75 | 1% |
| Hispanic/Latino | 7 | 6% | 143 | 6% | 386 | 8% | 562 | 8% |
| Other/Not Indicated | 17 | 13% | 403 | 18% | 788 | 17% | 1139 | 15% |
| International | 13 | 10% | 379 | 17% | 733 | 15% | 1055 | 14% |

## Survey Response Rates

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| Total | 40 | 32% | 645 | 28% | 1303 | 27% | 2071 | 28% |
| Women | 8 | 20% | 397 | 62% | 835 | 64% | 1244 | 60% |
| Men | 32 | 80% | 248 | 38% | 468 | 36% | 827 | 40% |
| African American | 0 | 0% | 16 | 2% | 46 | 4% | 67 | 3% |
| American Indian | 2 | 5% | 10 | 2% | 21 | 2% | 32 | 2% |
| Asian American | 9 | 23% | 207 | 32% | 339 | 26% | 555 | 27% |
| Caucasian | 25 | 63% | 285 | 44% | 634 | 49% | 1014 | 49% |
| Hawaiian/Pacific Islander | 0 | 0% | 6 | 1% | 12 | 1% | 21 | 1% |
| Hispanic/Latino | 1 | 3% | 38 | 6% | 105 | 8% | 159 | 8% |
| Other/Not Indicated | 3 | 8% | 83 | 13% | 146 | 11% | 223 | 11% |
| International | 3 | 8% | 76 | 12% | 128 | 10% | 193 | 9% |

## Current Status

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| Employed for pay full time | 16 | 40% | 293 | 45% | 637 | 49% | 1144 | 55% |
| Employed for pay part time | 5 | 13% | 64 | 10% | 152 | 12% | 193 | 9% |
| Participating in a volunteer or service program | 0 | 0% | 17 | 3% | 40 | 3% | 61 | 3% |
| Serving in the U.S. military | 2 | 5% | 4 | 1% | 10 | 1% | 13 | 1% |
| Enrolled in a program of continuing education | 8 | 20% | 121 | 19% | 179 | 14% | 280 | 14% |
| Planning to continue education | 3 | 8% | 58 | 9% | 82 | 6% | 94 | 5% |
| Seeking employment | 4 | 10% | 65 | 10% | 145 | 11% | 207 | 10% |
| Not seeking employment or continuing education | 2 | 5% | 6 | 1% | 10 | 1% | 15 | 1% |
| Other | 0 | 0% | 17 | 3% | 48 | 4% | 64 | 3% |

## Employed Full Time or Part time

### Type of employment

| | Physics N | Physics % | A&S Natural Sciences N | A&S Natural Sciences % | Arts & Sciences N | Arts & Sciences % | UW Seattle N | UW Seattle % |
|---|---|---|---|---|---|---|---|---|
| Employee working for a company or organization | 15 | 79% | 311 | 90% | 677 | 89% | 1156 | 89% |
| Entrepreneur/self-employed | 0 | 0% | 3 | 1% | 8 | 1% | 15 | 1% |
| Temporary/contract work assignment | 4 | 21% | 25 | 7% | 56 | 7% | 89 | 7% |
| Freelance | 0 | 0% | 0 | 0% | 5 | 1% | 7 | 1% |
| Postgraduate internship or fellowship | 0 | 0% | 6 | 2% | 11 | 1% | 21 | 2% |
| Other | 0 | 0% | 2 | 1% | 5 | 1% | 11 | 1% |

### Career related

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| Yes | 16 | 84% | 292 | 84% | 594 | 78% | 1083 | 83% |
| No | 3 | 16% | 56 | 16% | 170 | 22% | 217 | 17% |

### Job location

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| King, Pierce, Snohomish counties | 11 | 65% | 272 | 80% | 601 | 80% | 1016 | 79% |
| Other Washington | 1 | 6% | 14 | 4% | 32 | 4% | 52 | 4% |
| Alaska, Idaho, Oregon | 0 | 0% | 4 | 1% | 14 | 2% | 31 | 2% |
| California, Hawaii | 0 | 0% | 19 | 6% | 33 | 4% | 60 | 5% |
| Mountain states | 1 | 6% | 5 | 1% | 8 | 1% | 15 | 1% |
| Central states | 0 | 0% | 4 | 1% | 12 | 2% | 22 | 2% |
| Eastern states | 3 | 18% | 14 | 4% | 30 | 4% | 50 | 4% |
| International | 1 | 6% | 9 | 3% | 23 | 3% | 37 | 3% |

### Type of employer

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| For-profit company | 12 | 67% | 191 | 58% | 452 | 63% | 823 | 67% |
| Non-profit/NGO | 1 | 6% | 52 | 16% | 100 | 14% | 162 | 13% |
| Government | 4 | 22% | 75 | 23% | 148 | 20% | 209 | 17% |
| Other | 1 | 6% | 13 | 4% | 22 | 3% | 37 | 3% |

### Search time (weeks)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| N | | 10 | | 220 | | 432 | | 799 |
| Mean | | 2.9 | | 7.4 | | 8.5 | | 9.1 |
| SD | | 2 | | 8 | | 9 | | 9 |
| Range | 0 | 6 | 0 | 50 | 0 | 50 | 0 | 52 |

### Salary

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| N | | 12 | | 231 | | 485 | | 890 |
| Mean | | 52,500 | | 50,211 | | 47,300 | | 52,734 |
| SD | | 16,123 | | 29,227 | | 24,869 | | 24,795 |
| Range | 33,500 | 80,000 | 10,000 | 185,000 | 10,000 | 185,000 | 10,000 | 250,000 |

### First year bonus

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| N | | 2 | | 38 | | 80 | | 196 |
| Mean | | 5,600 | | 16,043 | | 12,523 | | 11,057 |
| SD | | 6,223 | | 19,805 | | 16,939 | | 14,388 |
| Range | 1,200 | 10,000 | 100 | 100,000 | 100 | 100,000 | 100 | 100,000 |

## Participating in a Volunteer or Service Program

### Program location

| | Physics | | A&S Natural Sciences | | Arts & Sciences | | UW Seattle | |
|---|---|---|---|---|---|---|---|---|
| | N | % | N | % | N | % | N | % |
| King, Pierce, Snohomish counties | 0 | 0% | 10 | 63% | 22 | 58% | 35 | 59% |
| Other Washington | 0 | 0% | 1 | 6% | 3 | 8% | 3 | 5% |
| Alaska, Idaho, Oregon | 0 | 0% | 0 | 0% | 2 | 5% | 2 | 3% |
| California, Hawaii | 0 | 0% | 1 | 6% | 1 | 3% | 1 | 2% |
| Mountain states | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Central states | 0 | 0% | 0 | 0% | 0 | 0% | 1 | 2% |
| Eastern states | 0 | 0% | 0 | 0% | 2 | 5% | 4 | 7% |
| International | 0 | 0% | 4 | 25% | 8 | 21% | 13 | 22% |

## Serving in the US Military

### Service branch

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| Air Force | 1 | 50% | 1 | 25% | 1 | 10% | 1 | 8% |
| Army | 0 | 0% | 2 | 50% | 8 | 80% | 9 | 69% |
| Coast Guard | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Marine Corps | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |
| Navy | 1 | 50% | 1 | 25% | 1 | 10% | 3 | 23% |

### Status

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| Active duty | 2 | 100% | 4 | 100% | 8 | 80% | 11 | 85% |
| Reserve | 0 | 0% | 0 | 0% | 1 | 10% | 1 | 8% |
| National Guard | 0 | 0% | 0 | 0% | 1 | 10% | 1 | 8% |

## Enrolled in Educational Program

### Degree program

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| Certificate | 0 | 0% | 2 | 2% | 7 | 4% | 11 | 4% |
| Associate (AA/AS) | 0 | 0% | 0 | 0% | 1 | 1% | 2 | 1% |
| Bachelor (BA/BS) | 0 | 0% | 4 | 3% | 5 | 3% | 8 | 3% |
| Masters (MA/MS) – terminal degree | 1 | 14% | 52 | 44% | 80 | 45% | 142 | 52% |
| Masters (MA/MS) – leading to doctorate | 1 | 14% | 13 | 11% | 18 | 10% | 25 | 9% |
| Doctorate (PhD/EdD) | 5 | 71% | 26 | 22% | 30 | 17% | 45 | 16% |
| Professional (JD, MD, DDS, PharmD) | 0 | 0% | 17 | 14% | 29 | 16% | 32 | 12% |
| Other | 0 | 0% | 0 | 0% | 0 | 0% | 0 | 0% |

### School location

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| King, Pierce, Snohomish counties | 0 | 0% | 45 | 39% | 69 | 40% | 123 | 45% |
| Other Washington | 0 | 0% | 8 | 7% | 14 | 8% | 16 | 6% |
| Alaska, Idaho, Oregon | 0 | 0% | 5 | 4% | 6 | 3% | 7 | 3% |
| California, Hawaii | 0 | 0% | 8 | 7% | 12 | 7% | 28 | 10% |
| Mountain states | 1 | 14% | 6 | 5% | 8 | 5% | 9 | 3% |
| Central states | 1 | 14% | 7 | 6% | 9 | 5% | 14 | 5% |
| Eastern states | 3 | 43% | 31 | 27% | 43 | 25% | 59 | 22% |
| International | 2 | 29% | 6 | 5% | 11 | 6% | 15 | 6% |

## All Respondents

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

| | Physics N | Physics % | A&S Natural Sciences N | A&S Natural Sciences % | Arts & Sciences N | Arts & Sciences % | UW Seattle N | UW Seattle % |
|---|---|---|---|---|---|---|---|---|
| Yes | 33 | 94% | 546 | 88% | 1123 | 91% | 1802 | 91% |
| No | 2 | 6% | 71 | 12% | 110 | 9% | 170 | 9% |

### Amount UW academic program ADVANCED LEARNING

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

| | Physics N | Physics Mean | A&S Natural Sciences N | A&S Natural Sciences Mean | Arts & Sciences N | Arts & Sciences Mean | UW Seattle N | UW Seattle Mean |
|---|---|---|---|---|---|---|---|---|
| Acquiring deep knowledge in at least one field of study | 34 | 3.3 | 593 | 3.4 | 1180 | 3.3 | 1882 | 3.3 |
| Writing effectively | 34 | 2.4 | 593 | 2.8 | 1179 | 3.0 | 1879 | 3.0 |
| Speaking effectively about ideas, projects, and plans | 34 | 2.6 | 593 | 2.9 | 1178 | 3.0 | 1876 | 3.1 |
| Thinking critically and analytically, defining and solving problems | 34 | 3.5 | 592 | 3.4 | 1178 | 3.4 | 1875 | 3.4 |
| Creating something new (for example, art, a performance, an object, ideas, or processes) | 34 | 2.6 | 590 | 2.6 | 1175 | 2.7 | 1873 | 2.8 |
| Gathering information, conducting research | 34 | 3.3 | 592 | 3.3 | 1177 | 3.2 | 1875 | 3.3 |
| Quantitative reasoning | 34 | 3.5 | 591 | 3.3 | 1178 | 3.0 | 1874 | 3.1 |
| Understanding and valuing diverse people and cultures | 34 | 2.7 | 589 | 3.0 | 1172 | 3.2 | 1868 | 3.2 |
| Working and learning independently | 34 | 3.4 | 590 | 3.4 | 1172 | 3.4 | 1869 | 3.4 |
| Working and learning in a team | 34 | 2.7 | 591 | 3.0 | 1171 | 3.0 | 1868 | 3.2 |
| Taking on leadership roles inside or outside of the classroom | 34 | 2.5 | 591 | 2.7 | 1176 | 2.7 | 1873 | 2.8 |
| Understanding ethical practice(s) in at least one field | 34 | 2.6 | 591 | 3.0 | 1173 | 3.0 | 1870 | 3.0 |
| Using self-reflection and self-assessment to guide next directions | 34 | 2.6 | 587 | 2.9 | 1171 | 2.9 | 1866 | 2.9 |
| Using specialized instruments, computer programs, or materials relevant to your field(s) of study | 34 | 3.4 | 591 | 3.1 | 1175 | 2.8 | 1871 | 2.9 |
| Developing skills and attitudes that foster lifelong learning | 34 | 3.0 | 590 | 3.2 | 1173 | 3.2 | 1869 | 3.2 |
| Developing career interests and habits for success in the workplace | 34 | 2.8 | 589 | 3.0 | 1173 | 2.9 | 1868 | 3.0 |
| Understanding more about who you are | 33 | 2.7 | 588 | 3.0 | 1167 | 3.1 | 1863 | 3.0 |
| Finding a direction you'd like to pursue | 34 | 2.9 | 591 | 3.0 | 1176 | 3.0 | 1870 | 3.0 |
| Understanding and practicing civic engagement, social responsibility | 34 | 2.3 | 590 | 2.6 | 1175 | 2.8 | 1871 | 2.8 |

## IMPORTANCE to current work and life

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

| | Physics | | A&S Natural Sciences | | Arts & Sciences | | UW Seattle | |
|---|---|---|---|---|---|---|---|---|
| | N | Mean | N | Mean | N | Mean | N | Mean |
| Acquiring deep knowledge in at least one field of study | 33 | 3.3 | 561 | 3.5 | 1113 | 3.4 | 1766 | 3.4 |
| Writing effectively | 33 | 2.9 | 558 | 3.2 | 1109 | 3.3 | 1759 | 3.3 |
| Speaking effectively about ideas, projects, and plans | 33 | 3.3 | 557 | 3.5 | 1106 | 3.5 | 1754 | 3.5 |
| Thinking critically and analytically, defining and solving problems | 33 | 3.6 | 558 | 3.7 | 1107 | 3.6 | 1753 | 3.6 |
| Creating something new (for example, art, a performance, an object, ideas, or processes) | 33 | 2.8 | 556 | 2.9 | 1106 | 3.0 | 1754 | 3.0 |
| Gathering information, conducting research | 33 | 3.3 | 555 | 3.3 | 1103 | 3.2 | 1749 | 3.2 |
| Quantitative reasoning | 33 | 3.5 | 556 | 3.3 | 1105 | 3.1 | 1754 | 3.1 |
| Understanding and valuing diverse people and cultures | 33 | 2.8 | 556 | 3.3 | 1102 | 3.4 | 1750 | 3.3 |
| Working and learning independently | 33 | 3.5 | 555 | 3.6 | 1104 | 3.6 | 1753 | 3.6 |
| Working and learning in a team | 33 | 3.3 | 554 | 3.6 | 1105 | 3.5 | 1752 | 3.6 |
| Taking on leadership roles inside or outside of the classroom | 33 | 3.0 | 555 | 3.2 | 1105 | 3.2 | 1751 | 3.2 |
| Understanding ethical practice(s) in at least one field | 33 | 2.7 | 554 | 3.3 | 1102 | 3.3 | 1747 | 3.3 |
| Using self-reflection and self-assessment to guide next directions | 33 | 3.1 | 555 | 3.4 | 1103 | 3.3 | 1748 | 3.3 |
| Using specialized instruments, computer programs, or materials relevant to your field(s) of study | 32 | 3.0 | 554 | 3.3 | 1102 | 3.1 | 1748 | 3.2 |
| Developing skills and attitudes that foster lifelong learning | 33 | 3.3 | 554 | 3.4 | 1102 | 3.4 | 1747 | 3.4 |
| Developing career interests and habits for success in the workplace | 33 | 3.3 | 554 | 3.5 | 1099 | 3.5 | 1745 | 3.5 |
| Understanding more about who you are | 33 | 2.8 | 554 | 3.2 | 1102 | 3.3 | 1748 | 3.3 |
| Finding a direction you'd like to pursue | 33 | 3.2 | 553 | 3.5 | 1101 | 3.4 | 1747 | 3.4 |
| Understanding and practicing civic engagement, social responsibility | 33 | 2.6 | 555 | 3.1 | 1103 | 3.2 | 1749 | 3.1 |

## Number of completed faculty-mentored research projects

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| None | 4 | 12% | 212 | 37% | 512 | 45% | 817 | 45% |
| One | 11 | 33% | 201 | 35% | 342 | 30% | 510 | 28% |
| Two | 9 | 27% | 88 | 16% | 158 | 14% | 272 | 15% |
| Three or more | 9 | 27% | 66 | 12% | 117 | 10% | 206 | 11% |

## Number of completed internships

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| None | 20 | 61% | 305 | 54% | 570 | 51% | 815 | 45% |
| One | 5 | 15% | 158 | 28% | 296 | 26% | 525 | 29% |
| Two | 7 | 21% | 69 | 12% | 158 | 14% | 279 | 15% |
| Three or more | 1 | 3% | 35 | 6% | 104 | 9% | 187 | 10% |

| | Physics | | A&S Natural Sciences | | Arts & Sciences | | UW Seattle | |
|---|---|---|---|---|---|---|---|---|

### Number of completed service-learning projects

| | N | % | N | % | N | % | N | % |
|---|---|---|---|---|---|---|---|---|
| None | 26 | 79% | 371 | 65% | 723 | 64% | 1112 | 62% |
| One | 6 | 18% | 114 | 20% | 231 | 21% | 396 | 22% |
| Two | 1 | 3% | 55 | 10% | 106 | 9% | 178 | 10% |
| Three or more | 0 | 0% | 27 | 5% | 66 | 6% | 114 | 6% |

### Importance to current employment

(Participated in 1 or more projects/internships and currently employed)
1=Not at all; 2=Somewhat; 3=Moderately; 4=Very

| | N | Mean | N | Mean | N | Mean | N | Mean |
|---|---|---|---|---|---|---|---|---|
| Faculty-sponsored research project(s) | 16 | 3.0 | 190 | 2.9 | 356 | 2.8 | 592 | 2.8 |
| Internship(s) | 8 | 3.4 | 155 | 3.3 | 356 | 3.3 | 668 | 3.4 |
| Service-learning project(s) | 2 | 2.5 | 104 | 2.7 | 232 | 2.7 | 417 | 2.7 |

### Overall UW experience

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

| | N | Mean | N | Mean | N | Mean | N | Mean |
|---|---|---|---|---|---|---|---|---|
| What you learned from co-curricular activities, such as study abroad, service learning, and participation in special UW programs, clubs, and organizations | 33 | 2.4 | 557 | 2.8 | 1104 | 2.8 | 1764 | 2.8 |
| The help you received from academic advisers before you were formally admitted to your major | 33 | 1.9 | 558 | 2.3 | 1116 | 2.4 | 1770 | 2.4 |
| The help you received from academic advisers in your academic department | 33 | 2.8 | 562 | 2.9 | 1120 | 3.0 | 1782 | 3.0 |
| The help you received from your outside-class interactions with faculty/Tas | 33 | 2.9 | 562 | 2.9 | 1118 | 2.9 | 1781 | 2.9 |
| Your overall learning experience at the UW | 33 | 2.8 | 564 | 3.1 | 1122 | 3.1 | 1791 | 3.2 |

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

| | N | Mean | N | Mean | N | Mean | N | Mean |
|---|---|---|---|---|---|---|---|---|
| Faculty and teaching assistants treated students respectfully - regardless of race, gender, ethnicity, sexuality, or country of origin. | 33 | 3.4 | 563 | 3.5 | 1120 | 3.5 | 1788 | 3.5 |
| Students in my program treated each other respectfully - regardless of race, gender, ethnicity, sexuality, or country of origin. | 33 | 3.5 | 563 | 3.5 | 1119 | 3.5 | 1784 | 3.5 |
| Classrooms, labs, and other campus spaces were accessible. | 33 | 3.3 | 562 | 3.5 | 1117 | 3.4 | 1785 | 3.4 |
| If I had to make my college choice over again, I would choose to attend UW. | 33 | 3.0 | 565 | 3.3 | 1124 | 3.3 | 1792 | 3.4 |

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? | 33 | 2.9 | 559 | 3.2 | 1113 | 3.2 | 1781 | 3.3 |

# Current activity roster

## Employed Full Time or Part time

| Job title | Employing organization |
|---|---|
| Research Assistant | University of Washington |
| | IEH |
| Technical Support Engineer | Outreach |
| Engineer | Applied Physics Lab - UW |
| Engineer | |
| Research & Instrument Analyst | Space Telescope Science Institute |
| Research Assistant | |
| Lab technician | University of Washington Department of Pharmaceutic |
| Software Engineer | TecAce Software |
| Software Developer | Maple Leaf Photonics |
| Project Engineer | |
| Teacher | |
| Software Engineer | |
| Software Engineer | |
| Research/ Instrument Analyst | Space Telescope Science Institute |
| CNC Machinist | |
| Policy and Communications Analyst | Boom Supersonic |
| Systems Engineer | SpaceX |
| Laboratory Technician | |

## Serving in the US military

| Rank | Specialty |
|---|---|
| 2nd Lieutenant | Research Scientist |
| Ensign | Nuke going to be on Submarines |

## Enrolled in Educational Program

| Program of study | Institution |
|---|---|
| Physics PhD | Georgia Institute of Technology |
| | Montana State University |
| Modern Korean Literature | Seoul National University |
| Physics | MIT |
| | University of Texas |
| Physics | University of Michigan |
| Astrophysics | University of Victoria |