

## UW Alumni Survey Results

### 2014-2015 MASTERS Degree Recipients

|                                      |                           |                  |            |
|--------------------------------------|---------------------------|------------------|------------|
| Materials Science<br>And Engineering | College Of<br>Engineering | All Professional | UW Seattle |
|--------------------------------------|---------------------------|------------------|------------|

#### Graduates Surveyed

|                           | N  | %    | N   | %    | N    | %    | N    | %    |
|---------------------------|----|------|-----|------|------|------|------|------|
| Total                     | 21 | 100% | 539 | 100% | 3018 | 100% | 3593 | 100% |
| Women                     | 5  | 24%  | 142 | 26%  | 1594 | 53%  | 1915 | 53%  |
| Men                       | 16 | 76%  | 397 | 74%  | 1424 | 47%  | 1678 | 47%  |
| African American          | 0  | 0%   | 12  | 2%   | 105  | 3%   | 117  | 3%   |
| American Indian           | 0  | 0%   | 3   | 1%   | 46   | 2%   | 52   | 1%   |
| Asian American            | 1  | 5%   | 70  | 13%  | 414  | 14%  | 464  | 13%  |
| Caucasian                 | 8  | 38%  | 274 | 51%  | 1649 | 55%  | 1960 | 55%  |
| Hawaiian/Pacific Islander | 0  | 0%   | 0   | 0%   | 17   | 1%   | 18   | 1%   |
| Hispanic/Latino           | 0  | 0%   | 18  | 3%   | 166  | 6%   | 206  | 6%   |
| Other/Not Indicated       | 12 | 57%  | 162 | 30%  | 621  | 21%  | 776  | 22%  |
| International             | 12 | 57%  | 144 | 27%  | 547  | 18%  | 684  | 19%  |

#### Survey Response Rates

|                           | N | %   | N   | %   | N    | %   | N    | %   |
|---------------------------|---|-----|-----|-----|------|-----|------|-----|
| Total                     | 8 | 38% | 204 | 38% | 1109 | 37% | 1329 | 37% |
| Women                     | 2 | 25% | 60  | 29% | 573  | 52% | 697  | 52% |
| Men                       | 6 | 75% | 144 | 71% | 536  | 48% | 632  | 48% |
| African American          | 0 | 0%  | 1   | 0%  | 31   | 3%  | 33   | 2%  |
| American Indian           | 0 | 0%  | 1   | 0%  | 12   | 1%  | 13   | 1%  |
| Asian American            | 0 | 0%  | 26  | 13% | 145  | 13% | 166  | 12% |
| Caucasian                 | 3 | 38% | 115 | 56% | 643  | 58% | 769  | 58% |
| Hawaiian/Pacific Islander | 0 | 0%  | 0   | 0%  | 8    | 1%  | 9    | 1%  |
| Hispanic/Latino           | 0 | 0%  | 10  | 5%  | 73   | 7%  | 89   | 7%  |
| Other/Not Indicated       | 5 | 63% | 51  | 25% | 197  | 18% | 250  | 19% |
| International             | 5 | 63% | 43  | 21% | 170  | 15% | 216  | 16% |

#### Current Status

|                                                 | N | %   | N   | %   | N   | %   | N   | %   |
|-------------------------------------------------|---|-----|-----|-----|-----|-----|-----|-----|
| Employed for pay full time                      | 4 | 50% | 153 | 75% | 867 | 78% | 978 | 74% |
| Employed for pay part time                      | 1 | 13% | 6   | 3%  | 49  | 4%  | 68  | 5%  |
| Participating in a volunteer or service program | 0 | 0%  | 0   | 0%  | 6   | 1%  | 6   | 0%  |
| Serving in the U.S. military                    | 0 | 0%  | 6   | 3%  | 13  | 1%  | 14  | 1%  |
| Enrolled in a program of continuing education   | 3 | 38% | 28  | 14% | 75  | 7%  | 125 | 9%  |
| Planning to continue education                  | 0 | 0%  | 0   | 0%  | 5   | 0%  | 8   | 1%  |
| Seeking employment                              | 0 | 0%  | 7   | 3%  | 60  | 5%  | 82  | 6%  |
| Not seeking employment or continuing education  | 0 | 0%  | 0   | 0%  | 13  | 1%  | 15  | 1%  |
| Other                                           | 0 | 0%  | 4   | 2%  | 21  | 2%  | 33  | 2%  |

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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 | 75% | 137 | 93% | 759 | 88% | 850 | 86% |
| Entrepreneur/self-employed                     | 0 | 0%  | 2   | 1%  | 11  | 1%  | 14  | 1%  |
| Temporary/contract work assignment             | 0 | 0%  | 5   | 3%  | 38  | 4%  | 45  | 5%  |
| Freelance                                      | 0 | 0%  | 0   | 0%  | 0   | 0%  | 7   | 1%  |
| Postgraduate internship or fellowship          | 0 | 0%  | 0   | 0%  | 16  | 2%  | 19  | 2%  |
| Faculty tenure track position                  | 0 | 0%  | 0   | 0%  | 8   | 1%  | 11  | 1%  |
| Faculty non-tenure track position              | 0 | 0%  | 0   | 0%  | 17  | 2%  | 21  | 2%  |
| Other                                          | 1 | 25% | 4   | 3%  | 15  | 2%  | 20  | 2%  |

**Career related**

|     | N | %    | N   | %   | N   | %   | N   | %   |
|-----|---|------|-----|-----|-----|-----|-----|-----|
| Yes | 4 | 100% | 144 | 97% | 822 | 95% | 931 | 94% |
| No  | 0 | 0%   | 4   | 3%  | 47  | 5%  | 60  | 6%  |

**Job location**

|                                  | N | %   | N   | %   | N   | %   | N   | %   |
|----------------------------------|---|-----|-----|-----|-----|-----|-----|-----|
| King, Pierce, Snohomish counties | 3 | 75% | 103 | 70% | 584 | 68% | 657 | 67% |
| Other Washington                 | 0 | 0%  | 4   | 3%  | 49  | 6%  | 49  | 5%  |
| Alaska, Idaho, Oregon            | 0 | 0%  | 6   | 4%  | 28  | 3%  | 31  | 3%  |
| California, Hawaii               | 0 | 0%  | 16  | 11% | 62  | 7%  | 69  | 7%  |
| Mountain states                  | 0 | 0%  | 2   | 1%  | 11  | 1%  | 15  | 2%  |
| Central states                   | 0 | 0%  | 2   | 1%  | 15  | 2%  | 21  | 2%  |
| Eastern states                   | 1 | 25% | 7   | 5%  | 53  | 6%  | 63  | 6%  |
| International                    | 0 | 0%  | 8   | 5%  | 56  | 7%  | 73  | 7%  |

**Type of employer**

|                | N | %    | N   | %   | N   | %   | N   | %   |
|----------------|---|------|-----|-----|-----|-----|-----|-----|
| Private        | 3 | 100% | 111 | 82% | 397 | 50% | 453 | 50% |
| Non-profit/NGO | 0 | 0%   | 2   | 1%  | 160 | 20% | 178 | 20% |
| Government     | 0 | 0%   | 13  | 10% | 170 | 21% | 190 | 21% |
| Other          | 0 | 0%   | 10  | 7%  | 75  | 9%  | 82  | 9%  |

**Search time (weeks)**

|       |      |      |      |      |
|-------|------|------|------|------|
| N     | 3    | 122  | 686  | 764  |
| Mean  | 14.0 | 9.1  | 8.6  | 8.8  |
| SD    | 15   | 10   | 10   | 10   |
| Range | 0 30 | 0 52 | 0 52 | 0 52 |

**Salary**

|       |               |                |                |                |
|-------|---------------|----------------|----------------|----------------|
| N     | 2             | 97             | 552            | 609            |
| Mean  | 80,000        | 87,443         | 76,051         | 75,634         |
| SD    | 14,142        | 42,046         | 36,408         | 36,152         |
| Range | 70,000 90,000 | 15,000 285,000 | 15,000 285,000 | 15,000 285,000 |

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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% | 2 | 40% | 2 | 40% |
| 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% | 1 | 20% | 1 | 20% |
| Mountain states                  | 0 | 0% | 0 | 0% | 0 | 0%  | 0 | 0%  |
| Central states                   | 0 | 0% | 0 | 0% | 1 | 20% | 1 | 20% |
| Eastern states                   | 0 | 0% | 0 | 0% | 0 | 0%  | 0 | 0%  |
| International                    | 0 | 0% | 0 | 0% | 1 | 20% | 1 | 20% |

**Serving in the US Military****Service branch**

|              | N | %  | N | %   | N | %   | N | %   |
|--------------|---|----|---|-----|---|-----|---|-----|
| Air Force    | 0 | 0% | 3 | 50% | 3 | 23% | 4 | 29% |
| Army         | 0 | 0% | 0 | 0%  | 3 | 23% | 3 | 21% |
| Coast Guard  | 0 | 0% | 2 | 33% | 4 | 31% | 4 | 29% |
| Marine Corps | 0 | 0% | 0 | 0%  | 0 | 0%  | 0 | 0%  |
| Navy         | 0 | 0% | 1 | 17% | 3 | 23% | 3 | 21% |

**Status**

|                | N | %  | N | %    | N  | %   | N  | %   |
|----------------|---|----|---|------|----|-----|----|-----|
| Active duty    | 0 | 0% | 6 | 100% | 11 | 85% | 12 | 86% |
| Reserve        | 0 | 0% | 0 | 0%   | 1  | 8%  | 1  | 7%  |
| National Guard | 0 | 0% | 0 | 0%   | 1  | 8%  | 1  | 7%  |

**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%  | 1  | 1%  | 1   | 1%  |
| Masters (MA/MS) – terminal degree      | 1 | 33% | 2  | 7%  | 7  | 10% | 7   | 6%  |
| Masters (MA/MS) – leading to doctorate | 0 | 0%  | 0  | 0%  | 1  | 1%  | 3   | 2%  |
| Doctorate (PhD/EdD)                    | 2 | 67% | 24 | 89% | 56 | 77% | 101 | 83% |
| Professional (JD, MD, DDS, PharmD)     | 0 | 0%  | 0  | 0%  | 5  | 7%  | 5   | 4%  |
| Other                                  | 0 | 0%  | 0  | 0%  | 0  | 0%  | 0   | 0%  |

**School location**

|                                  | N | %   | N  | %   | N  | %   | N  | %   |
|----------------------------------|---|-----|----|-----|----|-----|----|-----|
| King, Pierce, Snohomish counties | 2 | 67% | 24 | 89% | 54 | 75% | 89 | 75% |
| Other Washington                 | 0 | 0%  | 0  | 0%  | 0  | 0%  | 0  | 0%  |
| Alaska, Idaho, Oregon            | 0 | 0%  | 0  | 0%  | 1  | 1%  | 2  | 2%  |
| California, Hawaii               | 0 | 0%  | 1  | 4%  | 5  | 7%  | 7  | 6%  |
| Mountain states                  | 0 | 0%  | 0  | 0%  | 1  | 1%  | 3  | 3%  |
| Central states                   | 0 | 0%  | 0  | 0%  | 3  | 4%  | 3  | 3%  |
| Eastern states                   | 1 | 33% | 1  | 4%  | 4  | 6%  | 9  | 8%  |
| International                    | 0 | 0%  | 1  | 4%  | 4  | 6%  | 6  | 5%  |

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

|     | N | %   | N   | %   | N   | %   | N    | %   |
|-----|---|-----|-----|-----|-----|-----|------|-----|
| Yes | 3 | 43% | 151 | 81% | 896 | 87% | 1063 | 86% |
| No  | 4 | 57% | 36  | 19% | 134 | 13% | 171  | 14% |

**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 | 3.3  | 175 | 3.5  | 948 | 3.4  | 1133 | 3.4  |
| Writing effectively                                                                        | 6 | 3.0  | 174 | 2.8  | 946 | 3.0  | 1131 | 3.0  |
| Speaking effectively about ideas, projects, and plans                                      | 6 | 3.2  | 173 | 2.8  | 945 | 3.0  | 1129 | 3.0  |
| Critically analyzing the research, technical literature, and/or performance in your field  | 6 | 3.3  | 175 | 3.3  | 944 | 3.3  | 1126 | 3.3  |
| Identifying important questions in your field                                              | 6 | 3.0  | 175 | 3.3  | 940 | 3.3  | 1124 | 3.3  |
| Identifying and using the best methods for answering specific questions in your field      | 6 | 3.2  | 175 | 3.2  | 943 | 3.2  | 1126 | 3.2  |
| Knowing how to generate original/creative ideas, solutions, and research directions        | 6 | 3.3  | 174 | 3.0  | 941 | 3.0  | 1123 | 3.1  |
| Knowing how to put research ideas into practice in your field                              | 6 | 3.2  | 174 | 3.0  | 939 | 3.0  | 1121 | 3.0  |
| Understanding ethics and ethical practice in your field                                    | 6 | 2.8  | 174 | 2.8  | 944 | 3.1  | 1125 | 3.0  |
| Understanding, evaluating, and using the quantitative methods relevant to your field       | 6 | 3.2  | 173 | 3.2  | 942 | 3.1  | 1124 | 3.1  |
| Mastering specialized instruments, computer programs, or materials important to your field | 6 | 3.2  | 174 | 3.0  | 940 | 2.7  | 1121 | 2.7  |
| Learning independently                                                                     | 6 | 3.3  | 173 | 3.4  | 940 | 3.2  | 1122 | 3.3  |
| Working collaboratively with others within your field                                      | 6 | 3.2  | 174 | 3.3  | 943 | 3.3  | 1125 | 3.3  |
| Working collaboratively with interdisciplinary groups                                      | 6 | 3.3  | 174 | 2.8  | 940 | 3.1  | 1121 | 3.0  |
| Understanding and valuing diverse people and cultures                                      | 6 | 2.8  | 174 | 3.0  | 943 | 3.1  | 1125 | 3.1  |
| Using self-reflection and self-assessment to guide next directions                         | 6 | 2.8  | 174 | 2.9  | 941 | 3.0  | 1122 | 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                                     | 6 | 3.7  | 169 | 3.6  | 888 | 3.5  | 1064 | 3.5  |
| Writing effectively                                                                        | 6 | 3.5  | 168 | 3.4  | 887 | 3.4  | 1062 | 3.4  |
| Speaking effectively about ideas, projects, and plans                                      | 6 | 3.7  | 167 | 3.5  | 886 | 3.5  | 1061 | 3.5  |
| Critically analyzing the research, technical literature, and/or performance in your field  | 6 | 3.7  | 168 | 3.2  | 885 | 3.3  | 1060 | 3.3  |
| Identifying important questions in your field                                              | 6 | 3.7  | 168 | 3.4  | 883 | 3.4  | 1058 | 3.4  |
| Identifying and using the best methods for answering specific questions in your field      | 6 | 3.8  | 167 | 3.6  | 878 | 3.5  | 1052 | 3.5  |
| Knowing how to generate original/creative ideas, solutions, and research directions        | 6 | 3.8  | 167 | 3.6  | 878 | 3.4  | 1052 | 3.5  |
| Knowing how to put research ideas into practice in your field                              | 6 | 3.3  | 167 | 3.3  | 880 | 3.3  | 1055 | 3.3  |
| Understanding ethics and ethical practice in your field                                    | 6 | 3.5  | 167 | 3.3  | 882 | 3.4  | 1057 | 3.4  |
| Understanding, evaluating, and using the quantitative methods relevant to your field       | 6 | 3.5  | 166 | 3.4  | 875 | 3.2  | 1050 | 3.2  |
| Mastering specialized instruments, computer programs, or materials important to your field | 6 | 3.7  | 167 | 3.4  | 878 | 3.2  | 1053 | 3.2  |
| Learning independently                                                                     | 6 | 3.7  | 167 | 3.6  | 871 | 3.5  | 1046 | 3.5  |
| Working collaboratively with others within your field                                      | 6 | 3.7  | 166 | 3.7  | 876 | 3.7  | 1050 | 3.7  |
| Working collaboratively with interdisciplinary groups                                      | 6 | 3.7  | 167 | 3.5  | 873 | 3.6  | 1048 | 3.6  |
| Understanding and valuing diverse people and cultures                                      | 6 | 3.3  | 167 | 3.2  | 877 | 3.5  | 1052 | 3.5  |
| Using self-reflection and self-assessment to guide next directions                         | 6 | 3.5  | 167 | 3.3  | 878 | 3.4  | 1053 | 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 | 6 | 3.0  | 149 | 2.9  | 842 | 2.9  | 1014 | 2.9  |
| The help you received from graduate student colleagues                                                              | 6 | 3.5  | 172 | 3.2  | 916 | 3.2  | 1097 | 3.2  |
| The help you received navigating the job market                                                                     | 6 | 1.5  | 164 | 2.3  | 893 | 2.3  | 1066 | 2.3  |
| Your overall learning experience at the UW                                                                          | 6 | 3.0  | 173 | 3.4  | 917 | 3.4  | 1098 | 3.3  |

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.                 | 6 | 3.7  | 175 | 3.7  | 917 | 3.6  | 1094 | 3.6  |
| Students in my major treated each other respectfully – regardless of race, gender, ethnicity, sexuality, and country of origin. | 6 | 4.0  | 174 | 3.8  | 918 | 3.6  | 1094 | 3.6  |
| Classrooms, labs, and other campus spaces were accessible.                                                                      | 6 | 3.8  | 172 | 3.5  | 908 | 3.5  | 1084 | 3.5  |
| If I had to make my college choice over again, I would choose to attend UW.                                                     | 6 | 3.5  | 175 | 3.4  | 919 | 3.4  | 1096 | 3.4  |

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

Quality Engineer  
Senior Research Scientist  
Materials engineer  
RA or TA

**Employing organization**

The Boeing Company  
EnerG2 Technologies  
Boeing

**Enrolled in Educational Program****Program of study**

Computer Science and Engineering

**Institution**

Pennsylvania State University  
UW  
university of washington