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2013 Exit Survey of Graduate Students Completing Degrees Fall 2012, Winter 2013, Spring 2013, and Summer 2013: Descriptive Statistics

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2013 EXIT SURVEY OF GRADUATE STUDENTS COMPLETING DEGREES
FALL 2012, WINTER 2013, SPRING 2013, AND SUMMER 2013

Descriptive Statistics

Report 2014-03

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March, 2014
OFFICE OF SURVEY RESEARCH
WESTERN WASHINGTON UNIVERSITY



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2013 EXIT SURVEY OF GRADUATE STUDENTS COMPLETING DEGREES FALL 2012, WINTER 2013, SPRING 2013, AND SUMMER 2013

EXECUTIVE SUMMARY

The 2013 Exit Survey of Graduate Students Completing Degrees continues the Office of Survey Research's (OSR) survey of graduate students first initiated in 2009. The current survey was administered at the end of each quarter to students completing their graduate degree. This report summarizes responses from students who graduated in Fall 2012, Winter 2013, Spring 2013, and Summer 2013. Of the 266 recipients of this degree during this time, OSR received valid responses from 204, a response rate of 76.7%. Interestingly, while this response rate is higher than those from the Graduate Exit Surveys in the past, Western had fewer total graduate students complete their degrees between Fall 2012 and Summer 2013 than in either of the prior two years resulting in fewer total responses to this survey than in prior years.

With the help of the Assistant Dean of the Graduate School, this survey was designed to elicit information on program satisfaction, the frequency and scope of academic interaction on and off campus, barriers to success, and plans for the future. OSR uses a mixture of online and telephone survey methodologies and links survey results with Western's student records thus expanding their usefulness to researchers and university decision makers. The survey was launched with an e-mail invitation to potential respondents about four weeks prior to the end of each quarter. Follow up e-mail reminders were sent approximately every four days for the subsequent two weeks. Phone call reminders were placed to all non-respondents. The survey was closed immediately prior to commencement exercises.

As with any survey, readers should be concerned with sample selection bias; that is bias which arises because survey respondents are not a random selection of the population of survey recipients. While sample selection bias for Western's graduate exit survey is mitigated through proper survey techniques and limited by a high response rate, its presence should continually be kept in mind when evaluating results. Section A of this document presents basic descriptive statistics that compare all graduates with those who responded to the survey. At the university level, these comparisons reveal that the average respondent is nearly identical to the average graduate. For instance, 13% of respondents are minorities compared to 13% of all graduates. Similar results occur for average age (30.3 years for respondents, 30.7 years for graduates), the number of credit hours attempted (68.9 for respondents and 69.7 for graduates), the average graduate GPA (3.79 for respondents and 3.80 for graduates), and the quarter of graduation.

Section B of this report presents all questions asked. Section C presents these questions broken down by college and, Sections D through G are further broken down to the departmental level for departments with enough respondents to prevent identification of individuals. Because CBE has only a single graduate program, we do not break their responses down further than the college level.

While we leave it to the reader to determine what is interesting in the survey, here we highlight some of the findings. The first set of questions is geared to understanding students' background and general satisfaction with their Western graduate school experience. Immediately prior to beginning their Western graduate program 36% of students were in an undergraduate program, 33% were employed in a field related to their graduate program, and 26% were employed in a field different than their program. Results are very similar to prior surveys. Sixty-nine percent of students claimed that, if given the opportunity, they would "probably" or "definitely" select Western again for graduate study, an amount similar to the 2012 survey but a decrease of five percent relative to the 2011 survey. Seventy percent would "probably" or "definitely" recommend Western to someone considering graduate school, a decrease of five percent relative to the prior year and nine percent lower than two years ago.

Survey questions also relate to a student's academic program. For instance, 86% of students reported that the level of academic challenge was "very" or "extremely" important to them and 73% of students claimed they were "satisfied" or "very satisfied" with the level of academic challenge. Perhaps the largest disparity occurred among the 74% of students who claimed that the "quality of instruction" was "extremely important" to them but only 26% of students said they were "very satisfied" with the quality of instruction.

Working as a teaching assistant remains an important component of Western's graduate program. Forty-six percent of respondents reported working as a TA in some capacity while pursuing their graduate degree. In their most recent TA position, respondents reported working an average of 18.5 hours per week. Eleven percent of graduate students taught an independent section of an undergraduate class; among these the median graduate student repeated this experience 6 times while in Western's graduate program.

The average graduate accumulates just over \$19,700 in debt from their graduate program, a 10.6% increase over 2011. This average obscures the nearly one-third of students who leave Western without incurring any additional academic debt from their graduate studies. The average debt incurred for graduate students who do borrow is slightly over \$28,300. There is large variation in amounts of student debt incurred between colleges. Graduates of CHSS incur 50% more debt than those of CBE who, in turn, accumulate about twice as much debt than students in CST.

Among all graduate students, almost two-fifths hope to work in a school or community college. The remainders are fairly evenly split between non-profit employment, government employment, and pursuing further graduate study. Among those pursuing employment, at the time our survey was conducted, 45% had already received an offer of employment and 85% of those had accepted an offer. One-hundred percent of these had jobs in their field of study.

As with all of OSR's surveys of Western students, the data from this survey is available to campus researchers upon request.

Clarifying Notes

1. Unless otherwise noted, percentages given are of the number responding to a question divided by the number asked that question. This denominator may contain fewer students than the 204 responding to the survey due to question branching, random selection of respondents for certain questions, and survey attrition.
2. In many cases percentages do not sum to one hundred because of rounding.
3. A blank space indicates no respondent chose that response option. A report of 0% indicates that the percent of responses rounded down to, but is not equal with, zero.
4. Because of survey length, some questions were asked of a random sample of students. The notes associated with such questions indicate when this occurs.
5. This report presents responses from all students completing any question regardless of whether the respondent completed the survey or not.

THE OFFICE OF SURVEY RESEARCH

The Office of Survey Research provides high quality survey research and other applied social science research that supports the mission of Western Washington University. In particular, OSR surveys students, alumni, graduates, employers, and the campus community to provide valuable assessment data and analysis of reports which can be used for improvement of programs, instruction, faculty scholarship, and information services. OSR is responsible for developing and administering the Western Educational Longitudinal Study (WELS), Western's Alumni Surveys, and Western's exit surveys of graduating students.

<http://www.wvu.edu/socad/osr/>

A. Comparison of all Graduates and Respondents

A.1. Graduate Characteristics

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|-----------------------------------|------|----------|------|--------|------|------|
| N | 31 | 92 | 74 | 37 | 32 | 266 |
| % Male | 68% | 37% | 23% | 38% | 59% | 40% |
| % Minority* | 23% | 12% | 8% | 9% | 19% | 13% |
| % Graduated Fall 2012 | 13% | 13% | 12% | 22% | 22% | 15% |
| % Graduated Winter 2013 | | 3% | 7% | 51% | 9% | 11% |
| % Graduated Spring 2013 | 84% | 45% | 72% | 22% | 53% | 55% |
| % Graduated Summer 2013 | 3% | 39% | 10% | 5% | 16% | 19% |
| Mean Age, Quarter of Graduation | 27.9 | 33.1 | 28.6 | 30.5 | 28.3 | 30.3 |
| Median Age, Quarter of Graduation | 26 | 28 | 27 | 29 | 27 | 27 |
| Graduate Hours Attempted | 70.2 | 77.3 | 74.2 | 56.4 | 52.4 | 69.7 |
| Graduate Hours Completed | 69.0 | 76.5 | 72.4 | 54.7 | 50.8 | 68.4 |
| Graduate GPA | 3.51 | 3.87 | 3.80 | 3.88 | 3.73 | 3.79 |

A.2. Sample Characteristics

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|-----------------------------------|------|----------|------|--------|------|------|
| N | 27 | 64 | 55 | 33 | 25 | 204 |
| % Male | 70% | 31% | 20% | 36% | 56% | 37% |
| % Minority* | 19% | 16% | 9% | 10% | 8% | 13% |
| % Graduated Fall 2012 | 11% | 14% | 11% | 18% | 28% | 15% |
| % Graduated Winter 2013 | | 5% | 6% | 52% | 4% | 12% |
| % Graduated Spring 2013 | 89% | 45% | 76% | 24% | 56% | 57% |
| % Graduated Summer 2013 | | 36% | 7% | 6% | 12% | 16% |
| Mean Age, Quarter of Graduation | 27.7 | 34.1 | 29.0 | 30.8 | 28.8 | 30.7 |
| Median Age, Quarter of Graduation | 26 | 29 | 27 | 28 | 27 | 28 |
| Graduate Hours Attempted | 69.4 | 75.0 | 77.0 | 56.0 | 51.8 | 68.9 |
| Graduate Hours Completed | 69.0 | 74.3 | 75.4 | 54.2 | 49.9 | 67.7 |
| Graduate GPA | 3.51 | 3.89 | 3.80 | 3.88 | 3.74 | 3.80 |

* Includes students identified as black, Hispanic/Latino, Asian/Pacific Islander, Native American. Does not include caucasian, other/unknown, or international.

B. University-Level Responses

Attending Graduate School

B.1. What was your primary activity immediately prior to enrolling in your program at Western?

| | |
|---|-----|
| N | 204 |
| Undergraduate student | 36% |
| Employed in a field related to your program | 33% |
| Employed in a field unrelated to your program | 26% |
| Other | 6% |

B.2. Please indicate your response to the following.

| | N | Definitely not | Probably not | Maybe | Probably | Definitely |
|--|-----|-------------------|-----------------|-------|----------|------------|
| If you were to start your graduate career again, would you select WWU? | 203 | 4% | 12% | 14% | 39% | 30% |
| If you were to start your graduate career again, would you select the same field of study? | 203 | 1% | 4% | 10% | 29% | 56% |
| Would you recommend Western to someone considering your program? | 203 | 3% | 8% | 19% | 26% | 44% |

B.2.a. What was your primary activity immediately prior to enrolling in your program at Western? (Asked of respondents who answered "other" in B.2.) (N =10) (Responses included: Traveling; recovering from surgeries; tutoring; unemployed; operating a small tech company; volunteering in area of study.) (Text responses available on request.)

Academic Program

B.3. For each of the following, please rate both the importance of, as well as your satisfaction with that aspect of your program.

B.3.a. Importance

| | N | Not important | A little important | Somewhat important | Very important | Extremely important |
|---|-----|---------------|--------------------|--------------------|----------------|---------------------|
| Level of academic challenge | 196 | | | 14% | 54% | 32% |
| Keeping pace with recent trends and developments in the field | 198 | | 1% | 14% | 28% | 58% |
| Professional training opportunities | 196 | | 2% | 13% | 33% | 53% |
| Research opportunities | 197 | 12% | 12% | 34% | 22% | 20% |
| Quality of research conducted | 195 | 10% | 7% | 29% | 31% | 24% |
| Quality of instruction | 196 | | 1% | 2% | 25% | 74% |
| Quality of advising | 198 | 1% | 3% | 11% | 30% | 56% |
| Adequacy of space, facilities and/or equipment | 195 | 2% | 4% | 25% | 40% | 29% |
| Overall quality of the degree program | 195 | 1% | | 2% | 27% | 71% |

B.3.b. Satisfaction

| | N | Very dissatisfied | Dissatisfied | Neutral | Satisfied | Very satisfied |
|---|-----|-------------------|--------------|---------|-----------|----------------|
| Level of academic challenge | 197 | 1% | 12% | 14% | 54% | 19% |
| Keeping pace with recent trends and developments in the field | 201 | 4% | 10% | 19% | 50% | 17% |
| Professional training opportunities | 200 | 7% | 15% | 29% | 30% | 21% |
| Research opportunities | 199 | 5% | 8% | 37% | 36% | 15% |
| Quality of research conducted | 196 | 3% | 4% | 41% | 37% | 14% |
| Quality of instruction | 201 | 3% | 11% | 16% | 43% | 26% |
| Quality of advising | 200 | 9% | 13% | 18% | 36% | 25% |
| Adequacy of space, facilities and/or equipment | 199 | 3% | 6% | 21% | 37% | 34% |
| Overall quality of the degree program | 200 | 3% | 13% | 16% | 43% | 27% |

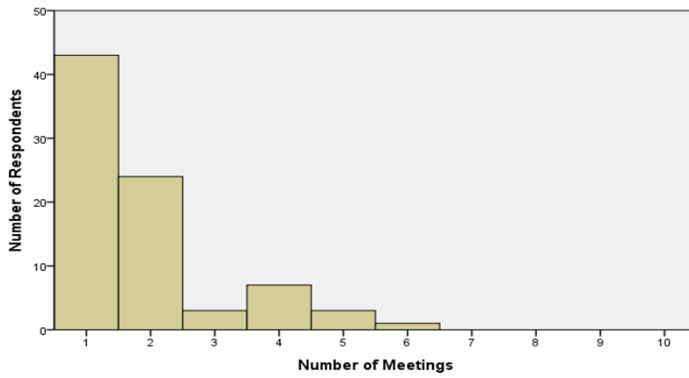
B.3.b.1. Why are you (dissatisfied) with the overall quality of your degree program? (Asked of respondents who answered "very dissatisfied" or "dissatisfied" in B.3.b.) (N=30) (Responses included: inadequate professors, poor advising, poor mentoring, imbalances in the program, elitism and favoritism in the program, inadequate preparation for internship/career.) (Text responses available on request.)

Professional Development

B.4. Have you done any of the following during your graduate study at Western? (OSR recoded if respondent gave conflicting answers to B.4.a. through B.4.e.)

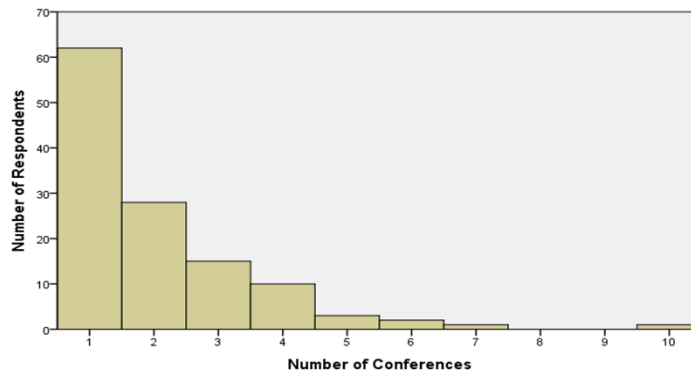
| | N | Yes | No |
|--|-----|-----|-----|
| Attended a national or regional meeting associated with your discipline? | 201 | 41% | 59% |
| Attended an academic or professional conference? | 201 | 62% | 38% |
| Presented research at a seminar or conference? | 201 | 32% | 68% |
| Co-authored an article in a refereed journal with a program faculty? | 199 | 4% | 97% |
| Published as the sole or first author in a refereed journal? | 198 | 2% | 99% |

B.4.a. How many national or regional meetings associated with your discipline have you attended? (Asked of respondents who answered "yes" in B.4., "attended a national or regional meeting.")



| N | Mean | Median | Minimum | Maximum | Standard Deviation |
|----|------|--------|---------|---------|--------------------|
| 82 | 2.00 | 1 | 1 | 15 | 1.87 |

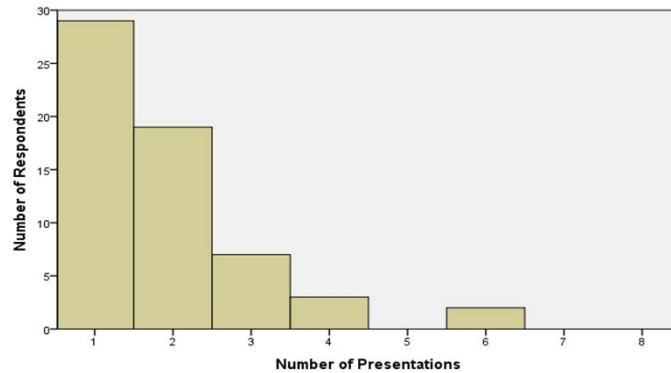
B.4.b. How many academic or professional conferences have you attended? (Asked of respondents who answered "yes" in B.4., "attended an academic or professional conference.")



| N | Mean | Median | Minimum | Maximum | Standard Deviation |
|-----|------|--------|---------|---------|--------------------|
| 123 | 2.13 | 1 | 1 | 15 | 1.87 |

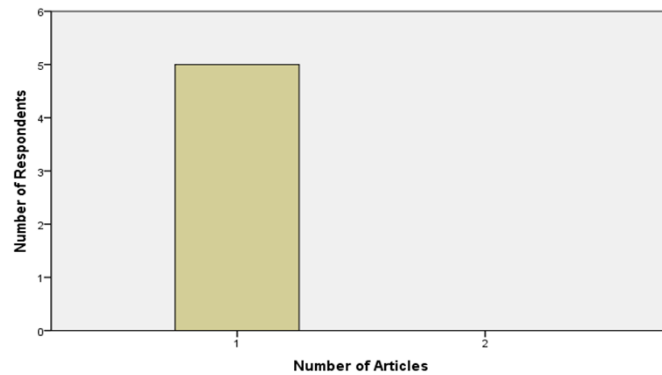
Professional Development (cont.)

B.4.c. At how many seminars or conferences have you presented research? (Asked of respondents who answered "yes" in B.4., "presented research at a seminar or conference.")



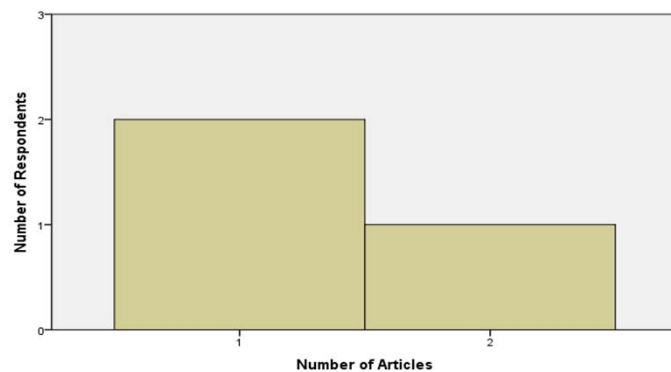
| N | Mean | Median | Minimum | Maximum | Standard Deviation |
|----|------|--------|---------|---------|--------------------|
| 60 | 1.87 | 2 | 1 | 6 | 1.16 |

B.4.d. How many articles have you published in refereed journals as a co-author? (Asked of respondents who answered "yes" in B.4., "co-authored an article in a refereed journal.")



| N | Mean | Median | Minimum | Maximum | Standard Deviation |
|---|------|--------|---------|---------|--------------------|
| 5 | 1.00 | 1 | 1 | 1 | 0.00 |

B.4.e. How many articles have you published in refereed journals as the sole or first author? (Asked of respondents who answered "yes" in B.4., "published as the sole or first author in a refereed journal.")



| N | Mean | Median | Minimum | Maximum | Standard Deviation |
|---|------|--------|---------|---------|--------------------|
| 3 | 1.33 | 1 | 1 | 2 | 0.58 |

Graduate Study at Western

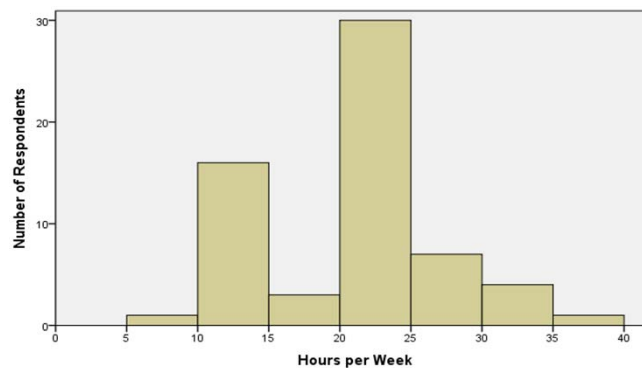
B.5. Have you written, or do you plan to write a paper for publication based on your thesis?

| | |
|--|-----|
| N | 201 |
| Yes, I have written a paper for publication | 5% |
| Yes, I plan to write a paper for publication | 26% |
| No | 16% |
| I did not write a thesis | 53% |

B.6. During your graduate studies at Western, did you hold a teaching assistantship position, and if so, were you ever the instructor of a course or discussion section?

| | |
|---|-----|
| N | 201 |
| Yes, I was a TA and the primary instructor for one or more courses | 11% |
| Yes, I was a TA, and the instructor for one or more discussion sections or labs, but never the primary instructor of a course | 21% |
| Yes, I was a TA, but never taught a discussion section or lab, or served as the primary instructor for a course | 13% |
| No, I was not a TA | 54% |

B.6.a. In your most recent TA assignment, how many hours per week did you work? (Asked of respondents who indicated in B.6 that they held a TA position at Western).



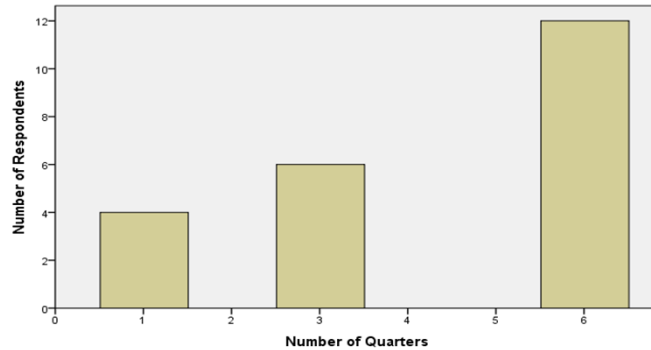
| N | Mean | Median | Minimum | Maximum | Standard Deviation |
|----|-------|--------|---------|---------|--------------------|
| 62 | 18.48 | 20 | 6 | 35 | 6.44 |

B.6.b. In your most recent TA assignment, did you work more or fewer hours per week than you expected? (Asked of respondents who indicated in B.6 that they held a TA position at Western).

| | |
|--------------------------|-----|
| N | 63 |
| Fewer by 5 or more hours | 2% |
| Fewer by 2 to 4 hours | 6% |
| As many as expected | 68% |
| More by 2 to 4 hours | 13% |
| More by 5 or more hours | 11% |

Graduate Study at Western (cont.)

B.6.c. How many quarters were you the primary instructor for one or more courses? (Asked of respondents who indicated in B.6. that they were the primary instructor for one or more courses.)



| N | Mean | Median | Minimum | Maximum | Standard Deviation |
|----|------|--------|---------|---------|--------------------|
| 22 | 4.27 | 6 | 1 | 6 | 2.00 |

B.7. Rate the extent to which the following factors were an obstacle to your academic progress and/or time to degree.

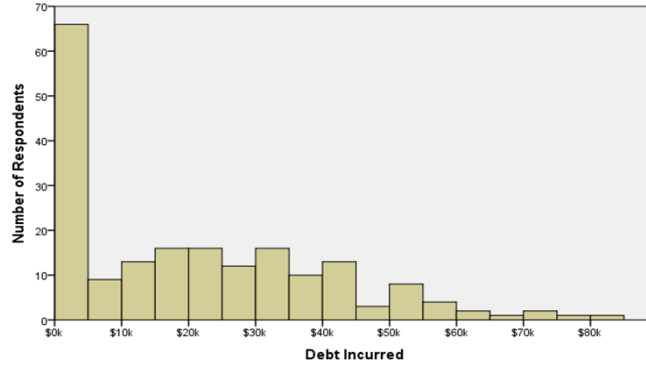
| | N | N/A | No impact | Minor impact | Major impact |
|--------------------------------|-----|-----|-----------|--------------|--------------|
| Family obligations | 200 | 8% | 39% | 37% | 16% |
| Availability of faculty | 199 | 2% | 54% | 35% | 9% |
| Course scheduling/availability | 199 | 3% | 59% | 31% | 7% |
| Thesis research | 199 | 46% | 27% | 16% | 12% |
| Other (please specify below) | 122 | 63% | 12% | 6% | 20% |

B.7.a. Other obstacles (Asked of respondents who answered "other" in B.7.) (N =36) (Responses included: Financial limitations/lack of financial aid; lack of support from faculty; work obligations; teaching load too large; personal obstacles.)

Graduate Study at Western (cont.)

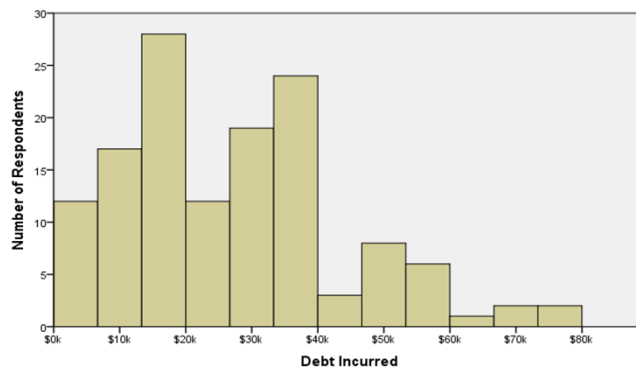
B.8. Approximately how much debt did you incur to finance your graduate education at Western?
 (B.8.a.includes all respondents.) (B.8.b. includes only respondents who reported more than \$0 of debt.)

B.8.a. All respondents



| N | Mean | Median | Minimum | Maximum | Standard Deviation |
|-----|----------|----------|---------|-----------|--------------------|
| 194 | \$19,727 | \$17,000 | \$0 | \$100,000 | \$19,855 |

B.8.b. Respondents who incurred debt



| N | Mean | Median | Minimum | Maximum | Standard Deviation |
|-----|----------|----------|---------|-----------|--------------------|
| 135 | \$28,349 | \$25,000 | \$1,600 | \$100,000 | \$17,933 |

Plans for the Future

B.9. For each of the following activities, please rate both the likelihood you will engage in the activity, as well as your satisfaction with the level of preparation offered in your program.

B.9.a. Likelihood

| | N | Very unlikely | Somewhat unlikely | Neutral | Somewhat likely | Very likely |
|--|-----|---------------|-------------------|---------|-----------------|-------------|
| Teaching at a higher-ed institution | 196 | 15% | 13% | 17% | 32% | 23% |
| Teaching at the K-12 level | 197 | 38% | 12% | 10% | 12% | 28% |
| Conducting independent research | 196 | 15% | 14% | 15% | 32% | 24% |
| Formulating a research topic | 195 | 13% | 14% | 19% | 30% | 24% |
| Collaborating on research with faculty members | 195 | 18% | 12% | 23% | 28% | 19% |
| Writing a grant proposal | 197 | 15% | 9% | 16% | 32% | 28% |

B.9.b. Satisfaction

| | N | Very dissatisfied | Dissatisfied | Neutral | Satisfied | Very satisfied |
|--|-----|-------------------|--------------|---------|-----------|----------------|
| Teaching at a higher-ed institution | 183 | 4% | | 39% | 39% | 17% |
| Teaching at the K-12 level | 194 | 3% | 5% | 49% | 24% | 19% |
| Conducting independent research | 195 | 2% | 7% | 31% | 39% | 21% |
| Formulating a research topic | 193 | | 6% | 31% | 40% | 24% |
| Collaborating on research with faculty members | 191 | 6% | 7% | 40% | 30% | 17% |
| Writing a grant proposal | 196 | 11% | 27% | 40% | 15% | 8% |

Plans for the Future (cont.)

B.10. What are your immediate post-graduate plans?

| | |
|---|-----|
| N | 199 |
| Further graduate study | 8% |
| Employment in a school or community college | 39% |
| Employment in a business or industry | 22% |
| Employment in a non-profit organization | 12% |
| Employment with a government or government agency | 12% |
| Self-employment | 4% |
| Volunteer service | 1% |
| Other | 4% |

B.10.a. What are your immediate post-graduate plans? (Asked of respondents who answered "other" in B.10.) (N=7) (Responses included: applying for jobs in zoos, aquariums and museums, traveling abroad, seeking employment in the medical field, seeking employment in retail or hospitality.) (Text responses available on request.)

B.10.b. Which of the following degrees do you plan to pursue? (Asked of respondents who answered "further graduate study" in B.10.)

| N | Masters | Ph.D. | Professional (J.D., M.D., etc.) |
|----|---------|-------|------------------------------------|
| 16 | 19% | 69% | 13% |

B.10.b.1. Have you already been admitted for further graduate study? (Asked of respondents who answered "further graduate study" in B.10.)

| N | Yes | No |
|----|-----|-----|
| 16 | 63% | 38% |

Plans for the Future (cont.)

B.10.b.1.a. To which schools have you been accepted? (Asked of respondents who answered "yes" in B.10.b.1.) (N=9) (Responses included: W.W.U., University of Washington; University of Virginia; University of Otago-New Zealand; University of Alabama; Baylor College of Medicine.) (Text responses available on request.)

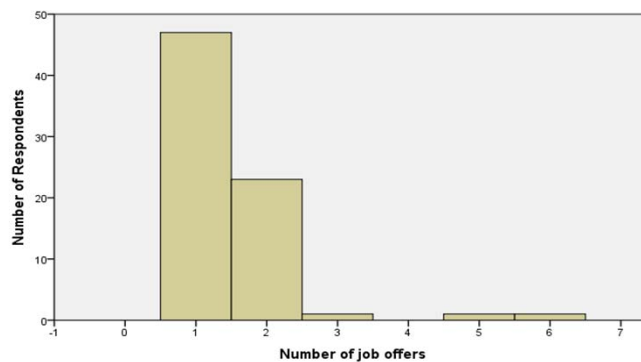
B.10.b.1.b. Which school will you attend? (Asked of respondents who answered "yes" in B.10.b.1.) (N=9) (Responses included: W.W.U., University of Washington; University of Virginia; University of Otago-New Zealand; University of Alabama; Baylor College of Medicine.) (Text responses available on request.)

B.10.b.1.c. What is your program of study? (Asked of respondents who answered "yes" in B.10.b.1.) (N=9) (Responses included: Pathology; Chemistry; Adult Education; Social Psychology; Anthropology; Mathematics; MFA Poetry; Medicine; Education-Cognition Lab.) (Text responses available on request.)

B.11. Have you received any offers of post-graduation employment? (Asked of respondents who indicated in B.10. that they plan to be employed, options 2 - 5.)

| N | Yes | No |
|-----|-----|-----|
| 166 | 45% | 55% |

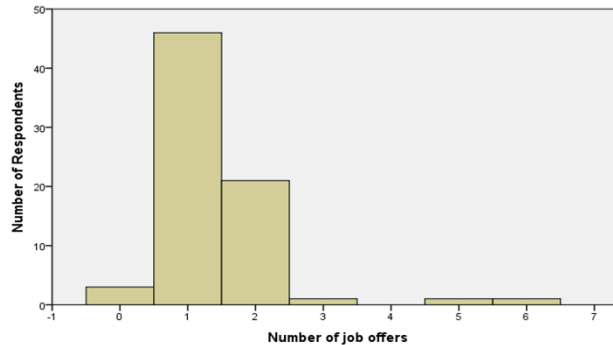
B.11.a. How many job offers have you received? (Asked of respondents who answered "yes" in B.11.) (OSR recoded when respondent gave conflicting answers.)



| N | Mean | Median | Minimum | Maximum | Standard Deviation |
|----|------|--------|---------|---------|--------------------|
| 73 | 1.47 | 1 | 1 | 6 | 0.85 |

Plans for the Future (cont.)

B.11.b. Of those offers, how many are related to your field of study? (Asked of respondents who answered "yes" in B.11.)



| N | Mean | Median | Minimum | Maximum | Standard Deviation |
|----|------|--------|---------|---------|--------------------|
| 73 | 1.40 | 1 | 0 | 6 | 0.89 |

B.12. Have you accepted a job offer? (Asked of respondents who indicated they had received one or more offers of employment in B.11.a.)

| N | Yes | No |
|----|-----|-----|
| 73 | 85% | 15% |

B.12.a. What is the name of the employer you plan to work for after graduation? (Asked of respondents who answered "yes" in B.12.) (N=57) (Text responses available on request.)

B.12.b. In what city will you work? (Asked of respondents who answered "yes" in B.12.) (N=58) (Text responses available on request.)

B.12.c. What type of position have you accepted? (Asked of respondents who answered "yes" in B.12.) (N=59) (Text responses available on request.)

B.12.d. Is the position you accepted related to your field of study? (Asked of respondents who answered "yes" in B.12.)

| N | Yes | No |
|----|------|----|
| 59 | 100% | |

C. College-Level Responses

Attending Graduate School

C.1. What was your primary activity immediately prior to enrolling in your program at Western?

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|---|-----|----------|------|--------|-----|-----|
| N | 27 | 64 | 55 | 33 | 25 | 204 |
| Undergraduate student | 41% | 22% | 51% | 18% | 56% | 36% |
| Employed in a field related to your program | 30% | 45% | 13% | 49% | 28% | 33% |
| Employed in a field unrelated to your program | 19% | 28% | 33% | 27% | 8% | 26% |
| Other | 11% | 5% | 4% | 6% | 8% | 6% |

C.2. If you were to start your graduate career again, would you select WWU?

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|----------------|-----|----------|------|--------|-----|-----|
| N | 27 | 64 | 55 | 33 | 24 | 203 |
| Definitely not | 7% | 2% | 7% | 3% | 4% | 4% |
| Probably not | 26% | 3% | 16% | 12% | 13% | 12% |
| Maybe | 19% | 11% | 13% | 12% | 25% | 14% |
| Probably | 37% | 42% | 40% | 36% | 33% | 39% |
| Definitely | 11% | 42% | 24% | 36% | 25% | 30% |

C.3. If you were to start your graduate career again, would you select the same field of study?

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|----------------|-----|----------|------|--------|-----|-----|
| N | 27 | 64 | 56 | 33 | 25 | 205 |
| Definitely not | 4% | | | | | 1% |
| Probably not | 7% | 6% | 2% | 6% | | 4% |
| Maybe | 7% | 13% | 9% | 9% | 12% | 10% |
| Probably | 26% | 31% | 30% | 27% | 24% | 29% |
| Definitely | 56% | 48% | 57% | 58% | 64% | 55% |

C.4. Would you recommend Western to someone considering your program?

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|----------------|-----|----------|------|--------|-----|-----|
| N | 27 | 64 | 55 | 33 | 24 | 203 |
| Definitely not | 4% | 2% | 6% | 3% | 4% | 3% |
| Probably not | 19% | 5% | 9% | 6% | 4% | 8% |
| Maybe | 15% | 17% | 24% | 15% | 25% | 19% |
| Probably | 33% | 22% | 29% | 27% | 17% | 26% |
| Definitely | 30% | 55% | 33% | 49% | 50% | 44% |

Academic Program

C.5. For each of the following, please rate both the importance of, as well as your satisfaction with that aspect of your program.

C.5.a. Importance
(Scale of 1 - 5, "not at all important" to "extremely important") (Means are reported)

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|---|-----|----------|------|--------|-----|-----|
| N | 26 | 61 | 54 | 32 | 23 | 196 |
| Level of academic challenge | 4.0 | 4.1 | 4.2 | 4.1 | 4.4 | 4.2 |
| Keeping pace with recent trends and developments in the field | 4.5 | 4.6 | 4.4 | 4.4 | 4.1 | 4.4 |
| Professional training opportunities | 4.2 | 4.4 | 4.5 | 4.4 | 4.0 | 4.4 |
| Research opportunities | 2.5 | 3.1 | 3.2 | 3.6 | 4.3 | 3.3 |
| Quality of research conducted | 3.1 | 3.4 | 3.4 | 3.7 | 4.3 | 3.5 |
| Quality of instruction | 4.7 | 4.7 | 4.8 | 4.7 | 4.6 | 4.7 |
| Quality of advising | 4.1 | 4.4 | 4.4 | 4.6 | 4.4 | 4.4 |
| Adequacy of space, facilities and/or equipment | 3.7 | 3.9 | 4.0 | 3.8 | 4.3 | 3.9 |
| Overall quality of the degree program | 4.7 | 4.7 | 4.6 | 4.7 | 4.8 | 4.7 |

C.5.b. Satisfaction
(Scale of 1 - 5, "very dissatisfied" to "very satisfied") (Means are reported)

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|---|-----|----------|------|--------|-----|-----|
| N | 27 | 62 | 53 | 32 | 23 | 195 |
| Level of academic challenge | 3.5 | 3.9 | 3.9 | 3.7 | 3.8 | 3.8 |
| Keeping pace with recent trends and developments in the field | 3.6 | 3.9 | 3.4 | 3.6 | 3.8 | 3.7 |
| Professional training opportunities | 3.2 | 3.6 | 3.3 | 3.6 | 3.4 | 3.4 |
| Research opportunities | 3.2 | 3.5 | 3.3 | 3.7 | 4.0 | 3.5 |
| Quality of research conducted | 3.4 | 3.6 | 3.4 | 3.6 | 4.1 | 3.6 |
| Quality of instruction | 3.2 | 3.8 | 3.7 | 4.0 | 4.3 | 3.8 |
| Quality of advising | 3.0 | 3.5 | 3.4 | 3.8 | 4.1 | 3.5 |
| Adequacy of space, facilities and/or equipment | 3.5 | 4.0 | 4.2 | 3.8 | 4.0 | 3.9 |
| Overall quality of the degree program | 3.2 | 3.9 | 3.7 | 4.0 | 4.0 | 3.8 |

Professional Development

C.6. Have you done any of the following during your graduate study at Western?

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|--|-----|----------|------|--------|-----|-----|
| N | 26 | 63 | 55 | 33 | 24 | 201 |
| Attended a national or regional meeting associated with your discipline? | 8% | 25% | 51% | 70% | 58% | 41% |
| Attended an academic or professional conference? | 35% | 46% | 76% | 85% | 67% | 62% |
| Presented research at a seminar or conference? | 12% | 10% | 29% | 67% | 58% | 30% |
| Co-authored an article in a refereed journal with a program faculty? | 4% | 2% | 4% | | 4% | 3% |
| Published as the sole or first author in a refereed journal? | | | 4% | 3% | | 2% |
| None of the above | 58% | 48% | 22% | 6% | 25% | 32% |

C.6.a. Professional development questions asked of respondents who responded "yes" in C.6. (Means are reported.) (OSR recoded if respondent gave conflicting answers.)

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|---|-----|----------|------|--------|-----|-----|
| N | 2 | 16 | 28 | 22 | 14 | 82 |
| How many national or regional meetings associated with your discipline have you attended? | 2.5 | 2.2 | 1.8 | 2.0 | 2.2 | 2.0 |
| N | 9 | 29 | 42 | 27 | 16 | 123 |
| How many academic or professional conferences have you attended? | 1.9 | 1.7 | 2.1 | 2.3 | 2.8 | 2.1 |
| N | 3 | 6 | 16 | 21 | 14 | 60 |
| At how many seminars or conferences have you presented research? | 1.0 | 1.0 | 1.8 | 1.8 | 2.6 | 1.9 |
| N | 1 | 1 | 2 | | 1 | 5 |
| How many articles have you published in refereed journals as a co-author? | 1.0 | 1.0 | 1.0 | | 1.0 | 1.0 |
| N | | | 2 | 1 | | 3 |
| How many articles have you published in refereed journals as the sole or first author? | | | 1.5 | 1.0 | | 1.3 |

C.7. Have you written, or do you plan to write a paper for publication based on your thesis?

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|--|-----|----------|------|--------|-----|-----|
| N | 26 | 63 | 55 | 33 | 24 | 201 |
| Yes, I have written a paper for publication | | 3% | 7% | 3% | 8% | 5% |
| Yes, I plan to write a paper for publication | 8% | 8% | 27% | 52% | 54% | 26% |
| No | 12% | 29% | 16% | 3% | 8% | 16% |
| I did not write a thesis | 81% | 60% | 49% | 42% | 29% | 53% |

Graduate Study at Western

C.8. During your graduate studies at Western, did you hold a teaching assistantship position, and if so, were you ever the instructor of a course or discussion section?

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|---|-----|----------|------|--------|-----|-----|
| N | 26 | 63 | 55 | 32 | 25 | 201 |
| Yes, I was a TA and the primary instructor for one or more courses | 4% | 3% | 13% | 9% | 36% | 11% |
| Yes, I was a TA, and the instructor for one or more discussion sections or labs, but never the primary instructor of a course | | 5% | 36% | 28% | 44% | 21% |
| Yes, I was a TA, but never taught a discussion section or lab, or served as the primary instructor for a course | 31% | 5% | 16% | 22% | | 13% |
| No, I was not a TA | 65% | 87% | 35% | 41% | 20% | 54% |

C.8.a. In your most recent TA assignment, how many hours per week did you work? (Asked of respondents who indicated in C.8. that they were a TA.) (Means are reported.)

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|------|------|----------|------|--------|------|------|
| N | 9 | 7 | 29 | 5 | 12 | 62 |
| Mean | 17.8 | 18.6 | 17.6 | 17.0 | 21.8 | 18.5 |

C.8.b.. In your most recent TA assignment, did you work more or fewer hours per week than you expected?

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|--------------------------|-----|----------|------|--------|-----|-----|
| N | 9 | 7 | 30 | 5 | 12 | 63 |
| Fewer by 5 or more hours | 11% | | | | | 2% |
| Fewer by 2 to 4 hours | 33% | | 3% | | | 6% |
| As many as expected | 11% | 71% | 83% | 80% | 67% | 68% |
| More by 2 to 4 hours | 44% | 29% | 3% | | 8% | 13% |
| More by 5 or more hours | | | 10% | 20% | 25% | 11% |

C.8.a. How many quarters were you the primary instructor for one or more courses? (Asked of respondents who indicated in C.8. that they were the primary instructor for one or more courses.) (Means are reported.)

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|------|-----|----------|------|--------|-----|-----|
| N | 1 | 2 | 7 | 3 | 9 | 22 |
| Mean | 3.0 | 2.0 | 5.6 | 1.7 | 4.8 | 4.3 |

Graduate Study at Western (cont.)

C.9. Rate the extent to which the following factors were an obstacle to your academic progress and/or time to degree. (Scale of 1 - 3, "no impact" to "major impact.") (OSR excluded "not applicable" responses.) (Means are reported.)

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|--------------------------------|-----|----------|------|--------|-----|-----|
| N | 24 | 59 | 48 | 29 | 24 | 184 |
| Family obligations | 1.7 | 1.9 | 1.7 | 1.6 | 1.8 | 1.8 |
| N | 25 | 62 | 53 | 31 | 24 | 195 |
| Availability of faculty | 1.4 | 1.6 | 1.5 | 1.7 | 1.6 | 1.5 |
| N | 25 | 62 | 51 | 31 | 24 | 193 |
| Course scheduling/availability | 1.9 | 1.5 | 1.4 | 1.4 | 1.3 | 1.5 |
| N | 4 | 29 | 35 | 21 | 19 | 108 |
| Thesis research | 1.0 | 1.3 | 1.9 | 1.8 | 2.1 | 1.7 |
| N | 3 | 10 | 11 | 11 | 10 | 45 |
| Other | 2.0 | 2.3 | 1.8 | 2.4 | 2.5 | 2.2 |

C.10. Approximately how much debt did you incur to finance your graduate education at Western?

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|-------------------------------|----------|----------|----------|----------|----------|----------|
| All respondents | 25 | 60 | 54 | 31 | 24 | 194 |
| Mean | \$17,360 | \$18,075 | \$25,926 | \$22,568 | \$8,708 | \$19,727 |
| Respondents who incurred debt | 16 | 41 | 42 | 21 | 15 | 135 |
| Mean (if debt >0) | \$27,125 | \$26,451 | \$33,333 | \$33,314 | \$13,933 | \$28,349 |

Plans for the Future

C.11. For each of the following activities, please rate both the likelihood you will engage in the activity, as well as your satisfaction with the level of preparation offered in your program.

C.11.a. Likelihood
(Scale of 1 - 5, "very unlikely" to "very likely") (Means are reported)

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|--|-----|----------|------|--------|-----|-----|
| N | 25 | 62 | 54 | 30 | 25 | 196 |
| Teaching at a higher-ed institution | 2.5 | 3.6 | 3.2 | 3.3 | 4.2 | 3.4 |
| Teaching at the K-12 level | 1.4 | 3.8 | 2.5 | 2.9 | 2.2 | 2.8 |
| Conducting independent research | 3.0 | 3.3 | 3.3 | 3.6 | 3.8 | 3.4 |
| Formulating a research topic | 2.8 | 3.4 | 3.3 | 3.5 | 3.9 | 3.4 |
| Collaborating on research with faculty members | 2.5 | 3.4 | 3.1 | 3.2 | 3.7 | 3.2 |
| Writing a grant proposal | 2.5 | 3.6 | 3.5 | 4.3 | 3.5 | 3.5 |

C.11.b. Satisfaction
(Scale of 1 - 5, "very dissatisfied" to "very satisfied") (Means are reported)

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|--|-----|----------|------|--------|-----|-----|
| N | 23 | 57 | 48 | 31 | 24 | 183 |
| Teaching at a higher-ed institution | 3.4 | 3.7 | 3.4 | 3.9 | 4.1 | 3.7 |
| Teaching at the K-12 level | 2.9 | 3.8 | 3.2 | 3.9 | 3.7 | 3.5 |
| Conducting independent research | 3.5 | 3.7 | 3.4 | 3.7 | 4.6 | 3.7 |
| Formulating a research topic | 3.4 | 3.8 | 3.7 | 3.8 | 4.5 | 3.8 |
| Collaborating on research with faculty members | 3.1 | 3.4 | 3.4 | 3.4 | 4.1 | 3.5 |
| Writing a grant proposal | 2.6 | 2.6 | 2.4 | 3.3 | 3.8 | 2.8 |

C.12. What are your immediate post-graduate plans?

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|---|-----|----------|------|--------|-----|-----|
| N | 25 | 63 | 54 | 32 | 25 | 199 |
| Further graduate study | | 2% | 13% | 3% | 28% | 8% |
| Employment in a school or community college | | 75% | 33% | 13% | 32% | 39% |
| Employment in a business or industry | 68% | 5% | 24% | 19% | 16% | 22% |
| Employment in a non-profit organization | 8% | 10% | 11% | 19% | 12% | 12% |
| Employment with a government or government agency | 8% | 6% | 7% | 38% | 4% | 12% |
| Self-employment | 12% | | 6% | 3% | | 4% |
| Volunteer service | | 2% | | 3% | | 1% |
| Other | 4% | 2% | 6% | 3% | 8% | 4% |

Plans for the Future (cont.)

C.12.a. Which of the following degrees do you plan to pursue? (Asked of respondents who answered "further graduate study" in C.12.)

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|-----------------------------|-----|----------|------|--------|-----|-----|
| N | | 1 | 7 | 1 | 7 | 16 |
| Masters | | | 29% | 100% | | 19% |
| Ph.D. | | 100% | 71% | | 71% | 69% |
| Professional (JD, MD, etc.) | | | | | 29% | 13% |

C.12.b. Have you already been admitted for further graduate study? (Asked of respondents who answered "further graduate study" in C.12.)

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|-----|-----|----------|------|--------|-----|-----|
| N | | 1 | 7 | 1 | 7 | 16 |
| Yes | | 100% | 43% | 100% | 71% | 63% |
| No | | | 57% | | 29% | 38% |

C.13. Have you received any offers of post-graduation employment? (Asked of respondents who indicated in C.12. that they plan to be employed, options 2 - 5.)

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|-----|-----|----------|------|--------|-----|-----|
| N | 21 | 60 | 41 | 28 | 16 | 166 |
| Yes | 24% | 47% | 49% | 46% | 56% | 45% |
| No | 76% | 53% | 51% | 54% | 44% | 55% |

C.13.a. How many job offers have you received? (Asked of respondents who indicated in C.13. that they received offers of post-graduation employment.) (OSR recoded if respondent gave conflicting answers.) (OSR recoded "no" responses in C.13. as 0 in order to calculate the "all respondents seeking employment" values.) (Means are reported.)

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|--|-----|----------|------|--------|-----|-----|
| Of all respondents seeking employment (chose options 2 - 5 in N C.12.) | 21 | 60 | 41 | 28 | 16 | 166 |
| Mean | 0.4 | 0.7 | 0.7 | 0.6 | 0.6 | 0.6 |
| Of respondents receiving at least one offer | | | | | | |
| N | 5 | 27 | 19 | 13 | 9 | 73 |
| Mean | 1.6 | 1.5 | 1.6 | 1.4 | 1.1 | 1.5 |

C.13.b. Of those offers, how many are related to your field of study? (Asked of respondents who answered "yes" in C.13.) (Means are reported.) (OSR recoded if respondent gave conflicting answers.)

| | CBE | Woodring | CHSS | Huxley | CST | WWU |
|------|-----|----------|------|--------|-----|-----|
| N | 5 | 27 | 19 | 13 | 9 | 73 |
| Mean | 1.6 | 1.5 | 1.4 | 1.4 | 1.1 | 1.4 |

D. Woodring College of Education

This section presents data for Woodring departments that received 5 or more responses. Individual level data for all departments can be shared upon request.

Attending Graduate School

D.1. What was your primary activity immediately prior to enrolling in your program at Western?

| | CCE | MIT | RCS | Other | Woodring | WWU |
|---|-----|-----|-----|-------|----------|-----|
| N | 13 | 32 | 12 | 7 | 64 | 204 |
| Undergraduate student | 15% | 34% | 8% | | 22% | 36% |
| Employed in a field related to your program | 54% | 31% | 42% | 100% | 45% | 33% |
| Employed in a field unrelated to your program | 23% | 34% | 33% | | 28% | 26% |
| Other | 8% | | 17% | | 5% | 6% |

D.2. If you were to start your graduate career again, would you select WWU?

| | CCE | MIT | RCS | Other | Woodring | WWU |
|----------------|-----|-----|-----|-------|----------|-----|
| N | 13 | 32 | 12 | 7 | 64 | 203 |
| Definitely not | | | | 14% | 2% | 4% |
| Probably not | | 6% | | | 3% | 12% |
| Maybe | 15% | 16% | | | 11% | 14% |
| Probably | 46% | 44% | 33% | 43% | 42% | 39% |
| Definitely | 39% | 34% | 67% | 43% | 42% | 30% |

D.3. If you were to start your graduate career again, would you select the same field of study?

| | CCE | MIT | RCS | Other | Woodring | WWU |
|----------------|-----|-----|-----|-------|----------|-----|
| N | 13 | 32 | 12 | 7 | 64 | 205 |
| Definitely not | | | | | | 1% |
| Probably not | 15% | 3% | 8% | | 6% | 4% |
| Maybe | 31% | 9% | 8% | | 13% | 10% |
| Probably | 15% | 31% | 50% | 29% | 31% | 29% |
| Definitely | 39% | 53% | 33% | 71% | 48% | 55% |

D.4. Would you recommend Western to someone considering your program?

| | CCE | MIT | RCS | Other | Woodring | WWU |
|----------------|-----|-----|-----|-------|----------|-----|
| N | 13 | 32 | 12 | 7 | 64 | 203 |
| Definitely not | | | | 14% | 2% | 3% |
| Probably not | 8% | 6% | | | 5% | 8% |
| Maybe | 31% | 19% | | 14% | 17% | 19% |
| Probably | 8% | 22% | 33% | 29% | 22% | 26% |
| Definitely | 54% | 53% | 67% | 43% | 55% | 44% |

Academic Program

D.5. For each of the following, please rate both the importance of, as well as your satisfaction with that aspect of your program.

D.5.a. Importance

(Scale of 1 - 5, "not at all important" to "extremely important") (Means are reported)

| | CCE | MIT | RCS | Other | Woodring | WWU |
|---|-----|-----|-----|-------|----------|-----|
| N | 13 | 30 | 11 | 7 | 61 | 196 |
| Level of academic challenge | 3.9 | 4.1 | 4.3 | 4.6 | 4.1 | 4.2 |
| Keeping pace with recent trends and developments in the field | 4.6 | 4.5 | 4.7 | 4.6 | 4.6 | 4.4 |
| Professional training opportunities | 4.3 | 4.4 | 4.6 | 4.4 | 4.4 | 4.4 |
| Research opportunities | 2.9 | 3.2 | 3.1 | 3.3 | 3.1 | 3.3 |
| Quality of research conducted | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.5 |
| Quality of instruction | 4.7 | 4.7 | 4.8 | 4.7 | 4.7 | 4.7 |
| Quality of advising | 4.5 | 4.2 | 4.6 | 4.4 | 4.4 | 4.4 |
| Adequacy of space, facilities and/or equipment | 3.7 | 3.7 | 4.3 | 4.0 | 3.9 | 3.9 |
| Overall quality of the degree program | 4.6 | 4.7 | 4.7 | 4.9 | 4.7 | 4.7 |

D.5.b. Satisfaction

(Scale of 1 - 5, "very dissatisfied" to "very satisfied") (Means are reported)

| | CCE | MIT | RCS | Other | Woodring | WWU |
|---|-----|-----|-----|-------|----------|-----|
| N | 13 | 30 | 12 | 7 | 62 | 205 |
| Level of academic challenge | 2.8 | 2.7 | 3.1 | 3.4 | 2.9 | 3.8 |
| Keeping pace with recent trends and developments in the field | 3.9 | 3.7 | 4.3 | 4.3 | 3.9 | 3.7 |
| Professional training opportunities | 2.9 | 3.8 | 3.7 | 4.0 | 3.6 | 3.4 |
| Research opportunities | 3.3 | 3.4 | 3.8 | 3.7 | 3.5 | 3.5 |
| Quality of research conducted | 3.3 | 3.5 | 3.8 | 4.0 | 3.6 | 3.6 |
| Quality of instruction | 3.5 | 3.8 | 4.1 | 4.1 | 3.8 | 3.8 |
| Quality of advising | 2.4 | 3.8 | 3.7 | 4.0 | 3.5 | 3.5 |
| Adequacy of space, facilities and/or equipment | 3.5 | 4.0 | 4.5 | 3.7 | 4.0 | 3.9 |
| Overall quality of the degree program | 3.6 | 3.9 | 4.1 | 4.1 | 3.9 | 3.8 |

Professional Development

D.6. Have you done any of the following during your graduate study at Western?

| | CCE | MIT | RCS | Other | Woodring | WWU |
|--|-----|-----|-----|-------|----------|-----|
| N | 13 | 31 | 12 | 7 | 63 | 201 |
| Attended a national or regional meeting associated with your discipline? | 8% | 23% | 33% | 57% | 25% | 41% |
| Attended an academic or professional conference? | 62% | 45% | 25% | 57% | 46% | 62% |
| Presented research at a seminar or conference? | 15% | 7% | 8% | 14% | 10% | 30% |
| Co-authored an article in a refereed journal with a program faculty? | | 3% | | | 2% | 3% |
| Published as the sole or first author in a refereed journal? | | | | | | 2% |
| None of the above | 39% | 52% | 58% | 29% | 48% | 32% |

D.6.a. Professional development questions (Asked of respondents who answered "yes" in D.6.) (Means are reported.) (OSR recoded if respondent gave conflicting answers.)

| | CCE | MIT | RCS | Other | Woodring | WWU |
|---|-----|-----|-----|-------|----------|-----|
| N | 1 | 7 | 4 | 4 | 16 | 82 |
| How many national or regional meetings associated with your discipline have you attended? | 1.0 | 1.3 | 4.0 | 2.3 | 2.2 | 2.0 |
| N | 8 | 14 | 3 | 4 | 29 | 123 |
| How many academic or professional conferences have you attended? | 2.3 | 1.1 | 3.3 | 1.5 | 1.7 | 2.1 |
| N | 2 | 2 | 1 | 1 | 6 | 60 |
| At how many seminars or conferences have you presented research? | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.9 |
| N | | 1 | | | 1 | 5 |
| How many articles have you published in refereed journals as a co-author? | | 1.0 | | | 1.0 | 1.0 |
| N | | | | | | 3 |
| How many articles have you published in refereed journals as the sole or first author? | | | | | | 1.3 |

D.7. Have you written, or do you plan to write a paper for publication based on your thesis?

| | CCE | MIT | RCS | Other | Woodring | WWU |
|--|-----|-----|-----|-------|----------|-----|
| N | 13 | 31 | 12 | 7 | 63 | 201 |
| Yes, I have written a paper for publication | | 3% | | 14% | 3% | 5% |
| Yes, I plan to write a paper for publication | 77% | 55% | 67% | 43% | 60% | 26% |
| No | | 13% | | 14% | 8% | 16% |
| I did not write a thesis | 23% | 29% | 33% | 29% | 29% | 53% |

Graduate Study at Western

D.8. During your graduate studies at Western, did you hold a teaching assistantship position, and if so, were you ever the instructor of a course or discussion section?

| | CCE | MIT | RCS | Other | Woodring | WWU |
|---|-----|-----|------|-------|----------|-----|
| N | 13 | 31 | 12 | 7 | 63 | 201 |
| Yes, I was a TA and the primary instructor for one or more courses | | 7% | | | 3% | 11% |
| Yes, I was a TA, and the instructor for one or more discussion sections or labs, but never the primary instructor of a course | | 3% | | 29% | 5% | 21% |
| Yes, I was a TA, but never taught a discussion section or lab, or served as the primary instructor for a course | 8% | 7% | | | 5% | 13% |
| No, I was not a TA | 92% | 84% | 100% | 71% | 87% | 54% |

D.8.a. In your most recent TA assignment, how many hours per week did you work? (Asked of respondents who indicated in D.8. that they were a TA.) (Means are reported.)

| | CCE | MIT | RCS | Other | Woodring | WWU |
|------|------|------|------|-------|----------|------|
| N | 1 | 5 | 1 | | 7 | 62 |
| Mean | 10.0 | 20.0 | 20.0 | | 18.6 | 18.5 |

D.8.b. In your most recent TA assignment, did you work more or fewer hours per week than you expected?

| | CCE | MIT | RCS | Other | Woodring | WWU |
|--------------------------|------|-----|------|-------|----------|-----|
| N | 1 | 5 | 1 | | 7 | 63 |
| Fewer by 5 or more hours | | | | | | 2% |
| Fewer by 2 to 4 hours | | | | | | 6% |
| As many as expected | 100% | 80% | | | 71% | 68% |
| More by 2 to 4 hours | | 20% | 100% | | 29% | 13% |
| More by 5 or more hours | | | | | | 11% |

D.8.c. How many quarters were you the primary instructor for one or more courses? (Asked of respondents who indicated in D.8. that they were the primary instructor for one or more courses.) (Means are reported.)

| | CCE | MIT | RCS | Other | Woodring | WWU |
|------|-----|-----|-----|-------|----------|-----|
| N | | 2 | | | 2 | 22 |
| Mean | | 2.0 | | | 2.0 | 4.3 |

Graduate Study at Western (cont.)

D.9. Rate the extent to which the following factors were an obstacle to your academic progress and/or time to degree. (Scale of 1 - 3, "no impact" to "major impact.") (OSR excluded "not applicable" responses.) (Means are reported.)

| | CCE | MIT | RCS | Other | Woodring | WWU |
|--------------------------------|-----|-----|-----|-------|----------|-----|
| N | 11 | 29 | 12 | 7 | 59 | 184 |
| Family obligations | 1.6 | 1.8 | 2.4 | 2.0 | 1.9 | 1.8 |
| N | 13 | 31 | 12 | 6 | 62 | 195 |
| Availability of faculty | 2.0 | 1.3 | 2.1 | 1.0 | 1.6 | 1.5 |
| N | 13 | 31 | 11 | 7 | 62 | 193 |
| Course scheduling/availability | 1.4 | 1.5 | 1.5 | 1.4 | 1.5 | 1.5 |
| N | 5 | 18 | | 6 | 29 | 108 |
| Thesis research | 1.4 | 1.3 | | 1.3 | 1.3 | 1.7 |
| N | 1 | 3 | 4 | 2 | 10 | 45 |
| Other | 3.0 | 1.7 | 2.8 | 2.0 | 2.3 | 2.2 |

D.10. Approximately how much debt did you incur to finance your graduate education at Western?

| | CCE | MIT | RCS | Other | Woodring | WWU |
|-------------------------------|----------|----------|----------|----------|----------|----------|
| All respondents | 13 | 28 | 12 | 7 | 60 | 194 |
| Mean | \$15,154 | \$21,000 | \$16,500 | \$14,500 | \$18,075 | \$19,727 |
| Respondents who incurred debt | 8 | 20 | 9 | 4 | 41 | 135 |
| Mean (if debt >0) | \$24,625 | \$29,400 | \$22,000 | \$25,375 | \$26,451 | \$28,349 |

Plans for the Future

D.11. For each of the following activities, please rate both the likelihood you will engage in the activity, as well as your satisfaction with the level of preparation offered in your program.

D.11.a. Likelihood
(Scale of 1 - 5, "very unlikely" to "very likely") (Means are reported)

| | CCE | MIT | RCS | Other | Woodring | WWU |
|--|-----|-----|-----|-------|----------|-----|
| N | 13 | 30 | 12 | 7 | 62 | 196 |
| Teaching at a higher-ed institution | 4.5 | 3.2 | 3.0 | 4.4 | 3.6 | 3.4 |
| Teaching at the K-12 level | 2.3 | 5.0 | 2.1 | 4.6 | 3.8 | 2.8 |
| Conducting independent research | 3.5 | 3.4 | 2.7 | 3.7 | 3.3 | 3.4 |
| Formulating a research topic | 3.4 | 3.6 | 2.6 | 4.0 | 3.4 | 3.4 |
| Collaborating on research with faculty members | 3.2 | 3.5 | 2.8 | 4.0 | 3.4 | 3.2 |
| Writing a grant proposal | 4.2 | 3.5 | 2.8 | 3.9 | 3.6 | 3.5 |

D.11.b. Satisfaction
(Scale of 1 - 5, "very dissatisfied" to "very satisfied") (Means are reported)

| | CCE | MIT | RCS | Other | Woodring | WWU |
|--|-----|-----|-----|-------|----------|-----|
| N | 11 | 29 | 11 | 6 | 57 | 183 |
| Teaching at a higher-ed institution | 3.7 | 3.5 | 3.8 | 4.0 | 3.7 | 3.7 |
| Teaching at the K-12 level | 3.1 | 4.3 | 3.5 | 4.0 | 3.8 | 3.5 |
| Conducting independent research | 3.5 | 3.6 | 4.0 | 3.7 | 3.7 | 3.7 |
| Formulating a research topic | 3.7 | 3.7 | 4.1 | 4.1 | 3.8 | 3.8 |
| Collaborating on research with faculty members | 3.2 | 3.3 | 3.7 | 3.7 | 3.4 | 3.5 |
| Writing a grant proposal | 2.2 | 2.5 | 3.3 | 2.7 | 2.6 | 2.8 |

D.12. What are your immediate post-graduate plans?

| | CCE | MIT | RCS | Other | Woodring | WWU |
|---|-----|-----|-----|-------|----------|-----|
| N | 13 | 31 | 12 | 7 | 63 | 199 |
| Further graduate study | 8% | | | | 2% | 8% |
| Employment in a school or community college | 69% | | | 100% | 75% | 39% |
| Employment in a business or industry | | | 25% | | 5% | 22% |
| Employment in a non-profit organization | | | 50% | | 10% | 12% |
| Employment with a government or government agency | 23% | | 8% | | 6% | 12% |
| Self-employment | | | 8% | | 2% | 4% |
| Volunteer service | | | 8% | | 2% | 1% |
| Other | | | | | | 4% |

Plans for the Future (cont.)

D.12.a. Which of the following degrees do you plan to pursue? (Asked of respondents who answered "further graduate study" in D.12.)

| | CCE | MIT | RCS | Other | Woodring | WWU |
|-----------------------------|------|-----|-----|-------|----------|-----|
| N | 1 | | | | 1 | 16 |
| Masters | | | | | | 19% |
| Ph.D. | 100% | | | | 100% | 69% |
| Professional (JD, MD, etc.) | | | | | | 13% |

D.12.b. Have you already been admitted for further graduate study? (Asked of respondents who answered "further graduate study" in D.12.)

| | CCE | MIT | RCS | Other | Woodring | WWU |
|-----|------|-----|-----|-------|----------|-----|
| N | 1 | | | | 1 | 16 |
| Yes | 100% | | | | 100% | 63% |
| No | | | | | | 38% |

D.13. Have you received any offers of post-graduation employment? (Asked of respondents who indicated in D.12. that they plan to be employed, options 2 - 5.) (OSR recoded if respondent gave conflicting answers.)

| | CCE | MIT | RCS | Other | Woodring | WWU |
|-----|-----|-----|-----|-------|----------|-----|
| N | 12 | 31 | 10 | 7 | 60 | 166 |
| Yes | 33% | 48% | 50% | 57% | 47% | 45% |
| No | 67% | 52% | 50% | 43% | 53% | 55% |

D.13.a. How many job offers have you received? (Asked of respondents who indicated in D.13. that they received offers of post-graduation employment.) (OSR recoded if respondent gave conflicting answers.) (OSR recoded "no" responses in D.13. as 0 in order to calculate the "all respondents seeking employment" values.) (Means are reported.)

| | | CCE | MIT | RCS | Other | Woodring | WWU |
|---|------|-----|-----|-----|-------|----------|-----|
| Of all respondents seeking employment (chose options 2 - 5 in D.12.) | N | 12 | 31 | 10 | 7 | 60 | 93 |
| | Mean | 0.7 | 0.7 | 0.7 | 0.6 | 0.7 | 0.6 |
| Of respondents receiving at least one offer | N | 4 | 14 | 5 | 4 | 27 | 73 |
| | Mean | 2.0 | 1.6 | 1.4 | 1.0 | 1.5 | 1.5 |

D.13.b. Of those offers, how many are related to your field of study? (Asked of respondents who answered "yes" in D.13.) (Means are reported.)

| | CCE | MIT | RCS | Other | Woodring | WWU |
|------|-----|-----|-----|-------|----------|-----|
| N | 4 | 14 | 5 | 4 | 27 | 73 |
| Mean | 1.8 | 1.6 | 1.4 | 1.0 | 1.5 | 1.4 |

Plans for the Future (cont.)

D.14. Have you accepted a job offer? (Asked of respondents who indicated they have received an offer of employment in D.13.)

| | CCE | MIT | RCS | Other | Woodring | WWU |
|-----|-----|------|-----|-------|----------|-----|
| N | 4 | 14 | 5 | 4 | 27 | 73 |
| Yes | 50% | 100% | 60% | 100% | 85% | 85% |
| No | 50% | | 40% | | 15% | 15% |

D.14.a. Is the position you accepted related to your field of study? (Asked of respondents who answered "yes" in D.14.)

| | CCE | MIT | RCS | Other | Woodring | WWU |
|-----|------|------|------|-------|----------|------|
| N | 2 | 13 | 3 | 4 | 22 | 59 |
| Yes | 100% | 100% | 100% | 100% | 100% | 100% |
| No | | | | | | |

E. College of Humanities and Social Sciences

Attending Graduate School

E.1. What was your primary activity immediately prior to enrolling in your program at Western?

| | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|---|-----|-----|------|-----|-------|------|-----|
| N | 16 | 12 | 7 | 16 | 4 | 55 | 204 |
| Undergraduate student | 44% | 33% | 86% | 50% | 75% | 51% | 36% |
| Employed in a field related to your program | 13% | 25% | 14% | 6% | | 13% | 33% |
| Employed in a field unrelated to your program | 38% | 42% | | 38% | 25% | 33% | 26% |
| Other | 6% | | | 6% | | 4% | 6% |

E.2. If you were to start your graduate career again, would you select WWU?

| | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|----------------|-----|-----|------|-----|-------|------|-----|
| N | 16 | 12 | 7 | 16 | 4 | 55 | 203 |
| Definitely not | 6% | 17% | | | 25% | 7% | 4% |
| Probably not | 25% | 17% | 14% | 13% | | 16% | 12% |
| Maybe | 38% | | 14% | | | 13% | 14% |
| Probably | 19% | 42% | 29% | 56% | 75% | 40% | 39% |
| Definitely | 13% | 25% | 43% | 31% | | 24% | 30% |

E.3. If you were to start your graduate career again, would you select the same field of study?

| | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|----------------|-----|-----|------|-----|-------|------|-----|
| N | 16 | 12 | 7 | 17 | 4 | 56 | 205 |
| Definitely not | | | | | | | 1% |
| Probably not | | 8% | | | | 2% | 4% |
| Maybe | | 8% | 14% | 18% | | 9% | 10% |
| Probably | 38% | 17% | 14% | 41% | 25% | 30% | 29% |
| Definitely | 63% | 67% | 71% | 35% | 75% | 57% | 55% |

E.4. Would you recommend Western to someone considering your program?

| | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|----------------|-----|-----|------|-----|-------|------|-----|
| N | 16 | 12 | 7 | 16 | 4 | 55 | 203 |
| Definitely not | 6% | 8% | 14% | | | 6% | 3% |
| Probably not | 13% | 25% | | | | 9% | 8% |
| Maybe | 44% | | 14% | 13% | 75% | 24% | 19% |
| Probably | 25% | 33% | 14% | 38% | 25% | 29% | 26% |
| Definitely | 13% | 33% | 57% | 50% | | 33% | 44% |

Academic Program

E.5. For each of the following, please rate both the importance of, as well as your satisfaction with that aspect of your program.

E.5.a. Importance

(Scale of 1 - 5, "not at all important" to "extremely important") (Means are reported)

| | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|---|-----|-----|------|-----|-------|------|-----|
| N | 16 | 12 | 7 | 15 | 4 | 54 | 196 |
| Level of academic challenge | 4.4 | 4.3 | 4.3 | 4.0 | 4.3 | 4.2 | 4.2 |
| Keeping pace with recent trends and developments in the field | 4.6 | 4.0 | 4.7 | 4.3 | 4.3 | 4.4 | 4.4 |
| Professional training opportunities | 4.6 | 4.3 | 4.9 | 4.6 | 4.0 | 4.5 | 4.4 |
| Research opportunities | 3.1 | 3.1 | 3.5 | 3.1 | 4.3 | 3.2 | 3.3 |
| Quality of research conducted | 3.3 | 3.4 | 3.5 | 3.4 | 4.0 | 3.4 | 3.5 |
| Quality of instruction | 4.9 | 4.8 | 4.7 | 4.7 | 4.8 | 4.8 | 4.7 |
| Quality of advising | 4.4 | 3.9 | 4.6 | 4.5 | 4.5 | 4.4 | 4.4 |
| Adequacy of space, facilities and/or equipment | 4.4 | 3.5 | 3.7 | 4.1 | 3.8 | 4.0 | 3.9 |
| Overall quality of the degree program | 4.8 | 4.4 | 4.6 | 4.6 | 4.8 | 4.6 | 4.7 |

E.5.b. Satisfaction

(Scale of 1 - 5, "very dissatisfied" to "very satisfied") (Means are reported)

| | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|---|-----|-----|------|-----|-------|------|-----|
| N | 16 | 12 | 7 | 14 | 4 | 53 | 205 |
| Level of academic challenge | 2.4 | 2.7 | 3.0 | 3.4 | 3.5 | 2.9 | 3.8 |
| Keeping pace with recent trends and developments in the field | 2.8 | 3.5 | 3.0 | 3.9 | 4.5 | 3.4 | 3.7 |
| Professional training opportunities | 3.1 | 3.3 | 3.3 | 3.7 | 2.8 | 3.3 | 3.4 |
| Research opportunities | 3.0 | 3.3 | 3.4 | 3.5 | 3.5 | 3.3 | 3.5 |
| Quality of research conducted | 3.0 | 3.5 | 3.3 | 3.7 | 4.0 | 3.4 | 3.6 |
| Quality of instruction | 2.9 | 3.8 | 4.4 | 4.1 | 3.3 | 3.7 | 3.8 |
| Quality of advising | 2.5 | 3.7 | 3.1 | 4.3 | 3.0 | 3.4 | 3.5 |
| Adequacy of space, facilities and/or equipment | 4.8 | 3.6 | 3.7 | 4.6 | 2.5 | 4.2 | 3.9 |
| Overall quality of the degree program | 3.0 | 3.6 | 4.0 | 4.2 | 3.8 | 3.7 | 3.8 |

Professional Development

E.6. Have you done any of the following during your graduate study at Western?

| | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|--|-----|-----|------|-----|-------|------|-----|
| N | 16 | 12 | 7 | 16 | 4 | 55 | 201 |
| Attended a national or regional meeting associated with your discipline? | 38% | 50% | 86% | 50% | 50% | 51% | 41% |
| Attended an academic or professional conference? | 81% | 75% | 100% | 69% | 50% | 76% | 62% |
| Presented research at a seminar or conference? | 6% | 50% | 29% | 31% | 50% | 29% | 30% |
| Co-authored an article in a refereed journal with a program faculty? | | | | 13% | | 4% | 3% |
| Published as the sole or first author in a refereed journal? | | 17% | | | | 4% | 2% |
| None of the above | 19% | 25% | | 25% | 50% | 22% | 32% |

E.6.a. Professional development questions asked of respondents who responded "yes" in E.6. (Means are reported.) (OSR recoded if respondent gave conflicting answers.)

| | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|---|-----|-----|------|-----|-------|------|-----|
| N | 6 | 6 | 6 | 8 | 2 | 28 | 82 |
| How many national or regional meetings associated with your discipline have you attended? | 1.2 | 1.2 | 1.5 | 2.9 | 2.0 | 1.8 | 2.0 |
| N | 13 | 9 | 7 | 11 | 2 | 42 | 123 |
| How many academic or professional conferences have you attended? | 1.8 | 1.8 | 2.1 | 2.9 | 1.5 | 2.1 | 2.1 |
| N | 1 | 6 | 2 | 5 | 2 | 16 | 60 |
| At how many seminars or conferences have you presented research? | 1.0 | 2.0 | 2.0 | 1.8 | 1.5 | 1.8 | 1.9 |
| N | | | | 2 | | 2 | 5 |
| How many articles have you published in refereed journals as a co-author? | | | | 1.0 | | 1.0 | 1.0 |
| N | | 2 | | | | 2 | 3 |
| How many articles have you published in refereed journals as the sole or first author? | | 1.5 | | | | 1.5 | 1.3 |

E.7. Have you written, or do you plan to write a paper for publication based on your thesis?

| | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|--|-----|-----|------|-----|-------|------|-----|
| N | 16 | 12 | 7 | 16 | 4 | 55 | 201 |
| Yes, I have written a paper for publication | 6% | 8% | 14% | | 25% | 7% | 5% |
| Yes, I plan to write a paper for publication | 81% | 33% | | 63% | | 49% | 26% |
| No | 6% | 50% | 29% | 19% | 75% | 27% | 16% |
| I did not write a thesis | 6% | 8% | 57% | 19% | | 16% | 53% |

Graduate Study at Western

E.8. During your graduate studies at Western, did you hold a teaching assistantship position, and if so, were you ever the instructor of a course or discussion section?

| | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|---|-----|-----|------|-----|-------|------|-----|
| N | 16 | 12 | 7 | 16 | 4 | 55 | 201 |
| Yes, I was a TA and the primary instructor for one or more courses | | 58% | | | | 13% | 11% |
| Yes, I was a TA, and the instructor for one or more discussion sections or labs, but never the primary instructor of a course | 50% | 8% | 43% | 38% | 50% | 36% | 21% |
| Yes, I was a TA, but never taught a discussion section or lab, or served as the primary instructor for a course | 38% | 8% | 29% | | | 16% | 13% |
| No, I was not a TA | 13% | 25% | 29% | 63% | 50% | 35% | 54% |

E.8.a. In your most recent TA assignment, how many hours per week did you work? (Asked of respondents who indicated in E.8. that they were a TA.) (Means are reported.)

| | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|------|------|------|------|------|-------|------|------|
| N | 14 | 9 | 2 | 3 | 1 | 29 | 62 |
| Mean | 12.5 | 25.1 | 20.0 | 15.3 | 22 | 17.6 | 18.5 |

E.8.b. In your most recent TA assignment, did you work more or fewer hours per week than you expected?

| | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|--------------------------|-----|-----|------|------|-------|------|-----|
| N | 14 | 9 | 2 | 4 | 1 | 30 | 63 |
| Fewer by 5 or more hours | 7% | | | | | 3% | 2% |
| Fewer by 2 to 4 hours | 93% | 67% | 100% | 100% | | 83% | 6% |
| As many as expected | | | | | 100% | 3% | 68% |
| More by 2 to 4 hours | | 33% | | | | 10% | 13% |
| More by 5 or more hours | | | | | 33% | 10% | 11% |

E.8.c. How many quarters were you the primary instructor for one or more courses? (Asked of respondents who indicated in E.8. that they were the primary instructor for one or more courses.) (Means are reported.)

| | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|------|-----|-----|------|-----|-------|------|-----|
| N | | 7 | | | | 7 | 22 |
| Mean | | 5.6 | | | | 5.6 | 4.3 |

Graduate Study at Western (cont.)

E.9. Rate the extent to which the following factors were an obstacle to your academic progress and/or time to degree. (Scale of 1 - 3, "no impact" to "major impact.") (OSR excluded "not applicable" responses.) (Means are reported.)

| | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|--------------------------------|-----|-----|------|-----|-------|------|-----|
| N | 14 | 9 | 6 | 16 | 3 | 48 | 184 |
| Family obligations | 1.7 | 1.8 | 1.5 | 1.7 | 1.7 | 1.7 | 1.8 |
| N | 16 | 10 | 7 | 16 | 4 | 53 | 195 |
| Availability of faculty | 1.5 | 1.5 | 1.7 | 1.2 | 1.8 | 1.5 | 1.5 |
| N | 16 | 9 | 6 | 16 | 4 | 51 | 193 |
| Course scheduling/availability | 1.3 | 1.8 | 1.3 | 1.2 | 1.5 | 1.4 | 1.5 |
| N | 9 | 8 | 7 | 7 | 4 | 35 | 108 |
| Thesis research | 1.2 | 1.5 | 2.6 | 2.3 | 2.3 | 1.9 | 1.7 |
| N | 5 | 1 | 3 | 2 | - | 11 | 45 |
| Other | 1.0 | 3.0 | 3.0 | 1.5 | - | 1.8 | 2.2 |

E.10. Approximately how much debt did you incur to finance your graduate education at Western?

| | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|-------------------------------|----------|----------|----------|----------|----------|----------|----------|
| All respondents | 15 | 12 | 7 | 16 | 4 | 54 | 135 |
| Mean | \$33,133 | \$18,250 | \$31,429 | \$21,625 | \$29,500 | \$25,926 | \$28,349 |
| Respondents who incurred debt | 12 | 9 | 5 | 12 | 4 | 42 | 194 |
| Mean (if debt >0) | \$41,417 | \$24,333 | \$44,000 | \$28,833 | \$29,500 | \$33,333 | \$19,727 |

Plans for the Future

E.11. For each of the following activities, please rate both the likelihood you will engage in the activity, as well as your satisfaction with the level of preparation offered in your program.

E.11.a. Likelihood
(Scale of 1 - 5, "very unlikely" to "very likely") (Means are reported)

| | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|--|-----|-----|------|-----|-------|------|-----|
| N | 15 | 12 | 7 | 16 | 4 | 54 | 196 |
| Teaching at a higher-ed institution | 2.3 | 4.3 | 2.6 | 3.1 | 4.3 | 3.2 | 3.4 |
| Teaching at the K-12 level | 3.2 | 2.1 | 2.0 | 2.3 | 2.8 | 2.5 | 2.8 |
| Conducting independent research | 2.4 | 3.8 | 4.1 | 3.1 | 4.0 | 3.3 | 3.4 |
| Formulating a research topic | 2.5 | 3.4 | 4.3 | 3.4 | 4.3 | 3.3 | 3.4 |
| Collaborating on research with faculty members | 2.6 | 3.1 | 3.0 | 3.4 | 4.0 | 3.1 | 3.2 |
| Writing a grant proposal | 2.4 | 3.3 | 4.4 | 4.1 | 4.3 | 3.5 | 3.5 |

E.11.b. Satisfaction
(Scale of 1 - 5, "very dissatisfied" to "very satisfied") (Means are reported)

| | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|--|-----|-----|------|-----|-------|------|-----|
| N | 11 | 10 | 7 | 16 | 4 | 48 | 183 |
| Teaching at a higher-ed institution | 3.0 | 3.7 | 3.3 | 3.5 | 3.5 | 3.4 | 3.7 |
| Teaching at the K-12 level | 3.3 | 2.7 | 3.0 | 3.4 | 3.3 | 3.2 | 3.5 |
| Conducting independent research | 2.9 | 3.6 | 3.6 | 3.5 | 4.5 | 3.4 | 3.7 |
| Formulating a research topic | 3.3 | 3.5 | 4.2 | 3.8 | 4.3 | 3.7 | 3.8 |
| Collaborating on research with faculty members | 2.9 | 3.4 | 3.3 | 3.8 | 3.5 | 3.4 | 3.5 |
| Writing a grant proposal | 2.1 | 2.5 | 1.9 | 2.8 | 2.8 | 2.4 | 2.8 |

E.12. What are your immediate post-graduate plans?

| | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|---|-----|-----|------|-----|-------|------|-----|
| N | 15 | 12 | 7 | 16 | 4 | 54 | 199 |
| Further graduate study | | 25% | | 25% | | 13% | 8% |
| Employment in a school or community college | 40% | 50% | 29% | 13% | 50% | 33% | 39% |
| Employment in a business or industry | 40% | 17% | 14% | 19% | 25% | 24% | 22% |
| Employment with a government or government agency | 7% | | 57% | 6% | | 11% | 12% |
| Employment in a non-profit organization | 7% | | | 19% | | 7% | 12% |
| Self-employment | | | | 13% | 25% | 6% | 4% |
| Volunteer service | | | | | | | 1% |
| Other | 7% | 8% | | 6% | | 6% | 4% |

Plans for the Future (cont.)

E.12.a. Which of the following degrees do you plan to pursue? (Asked of respondents who answered "further graduate study" in E.12.)

| | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|-----------------------------|-----|-----|------|------|-------|------|-----|
| N | | 3 | | 4 | | 7 | 16 |
| Masters | | 67% | | | | 29% | 19% |
| Ph.D. | | 33% | | 100% | | 71% | 69% |
| Professional (JD, MD, etc.) | | | | | | | 13% |

E.12.b. Have you already been admitted for further graduate study? (Asked of respondents who answered "further graduate study" in E.12.)

| | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|-----|-----|-----|------|-----|-------|------|-----|
| N | | 3 | | 4 | | 7 | 16 |
| Yes | | 33% | | 50% | | 43% | 63% |
| No | | 67% | | 50% | | 57% | 38% |

E.13. Have you received any offers of post-graduation employment? (Asked of respondents who indicated in E.12. that they plan to be employed, options 2 - 5.)

| | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|-----|-----|-----|------|-----|-------|------|-----|
| N | 14 | 8 | 7 | 9 | 3 | 41 | 166 |
| Yes | 57% | 50% | 57% | 33% | 33% | 49% | 45% |
| No | 43% | 50% | 43% | 67% | 67% | 51% | 55% |

E.13.a. How many job offers have you received? (Asked of respondents who indicated in E.13. that they received offers of post-graduation employment.) (OSR recoded if respondent gave conflicting answers.) (OSR recoded "no" responses in E.13. as 0 in order to calculate the "all respondents seeking employment" values.) (Means are reported.)

| | | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|---|------|-----|-----|------|-----|-------|------|-----|
| Of all respondents seeking employment (Chose options 2 - 5 in E.12.) | N | 14 | 8 | 7 | 9 | 3 | 41 | 166 |
| | Mean | 0.8 | 0.5 | 0.9 | 0.7 | 1.0 | 0.7 | 0.6 |
| Of respondents receiving at least one offer | N | 7 | 4 | 4 | 3 | 1 | 19 | 73 |
| | Mean | 1.6 | 1.0 | 1.5 | 2.0 | 3.0 | 1.6 | 1.5 |

E.13.b. Of those offers, how many are related to your field of study? (Asked of respondents who answered "yes" in E.13.) (Means are reported.) (OSR recoded if respondent gave conflicting answers.)

| | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|------|-----|-----|------|-----|-------|------|-----|
| N | 7 | 4 | 4 | 3 | 1 | 19 | 73 |
| Mean | 1.6 | 0.8 | 1.5 | 1.0 | 3.0 | 1.4 | 1.4 |

Plans for the Future (cont.)

E.14. Have you accepted a job offer? (Asked of respondents who indicated they have received an offer of employment in E.13.)

| | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|-----|-----|------|------|-----|-------|------|-----|
| N | 7 | 4 | 4 | 3 | 1 | 19 | 73 |
| Yes | 57% | 100% | 100% | 67% | 100% | 79% | 85% |
| No | 43% | | | 33% | | 21% | 15% |

E.14.a. Is the position you accepted related to your field of study? (Asked of respondents who answered "yes" in E.14.)

| | CSD | ENG | HIST | PSY | Other | CHSS | WWU |
|-----|------|------|------|------|-------|------|------|
| N | 4 | 3 | 4 | 1 | 1 | 13 | 59 |
| Yes | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| No | | | | | | | |

F. Huxley College

Attending Graduate School

F.1. What was your primary activity immediately prior to enrolling in your program at Western?

| | ESCI | ESTU | Huxley | WWU |
|---|------|------|--------|-----|
| N | 8 | 25 | 33 | 204 |
| Undergraduate student | 25% | 16% | 18% | 36% |
| Employed in a field related to your program | 63% | 44% | 49% | 33% |
| Employed in a field unrelated to your program | 13% | 32% | 27% | 26% |
| Other | | 8% | 6% | 6% |

F.2. If you were to start your graduate career again, would you select WWU?

| | ESCI | ESTU | Huxley | WWU |
|----------------|------|------|--------|-----|
| N | 8 | 25 | 33 | 203 |
| Definitely not | | 4% | 3% | 4% |
| Probably not | 13% | 12% | 12% | 12% |
| Maybe | 13% | 12% | 12% | 14% |
| Probably | 50% | 32% | 36% | 39% |
| Definitely | 25% | 40% | 36% | 30% |

F.3. If you were to start your graduate career again, would you select the same field of study?

| | ESCI | ESTU | Huxley | WWU |
|----------------|------|------|--------|-----|
| N | 8 | 25 | 33 | 205 |
| Definitely not | | | | 1% |
| Probably not | | 8% | 6% | 4% |
| Maybe | 13% | 8% | 9% | 10% |
| Probably | | 36% | 27% | 29% |
| Definitely | 88% | 48% | 58% | 55% |

F.4. Would you recommend Western to someone considering your program?

| | ESCI | ESTU | Huxley | WWU |
|----------------|------|------|--------|-----|
| N | 8 | 25 | 33 | 203 |
| Definitely not | | 4% | 3% | 3% |
| Probably not | | 8% | 6% | 8% |
| Maybe | 13% | 16% | 15% | 19% |
| Probably | 38% | 24% | 27% | 26% |
| Definitely | 50% | 48% | 49% | 44% |

Academic Program

F.5. For each of the following, please rate both the importance of, as well as your satisfaction with that aspect of your program.

F.5.a. Importance
(Scale of 1 - 5, "not at all important" to "extremely important") (Means are reported)

| | ESCI | ESTU | Huxley | WWU |
|---|------|------|--------|-----|
| N | 7 | 25 | 32 | 196 |
| Level of academic challenge | 4.3 | 4.0 | 4.1 | 4.2 |
| Keeping pace with recent trends and developments in the field | 4.0 | 4.6 | 4.4 | 4.4 |
| Professional training opportunities | 4.4 | 4.4 | 4.4 | 4.4 |
| Research opportunities | 4.6 | 3.3 | 3.6 | 3.3 |
| Quality of research conducted | 4.7 | 3.4 | 3.7 | 3.5 |
| Quality of instruction | 4.6 | 4.7 | 4.7 | 4.7 |
| Quality of advising | 4.3 | 4.7 | 4.6 | 4.4 |
| Adequacy of space, facilities and/or equipment | 3.9 | 3.8 | 3.8 | 3.9 |
| Overall quality of the degree program | 4.3 | 4.8 | 4.7 | 4.7 |

F.5.b. Satisfaction
(Scale of 1 - 5, "very dissatisfied" to "very satisfied") (Means are reported)

| | ESCI | ESTU | Huxley | WWU |
|---|------|------|--------|-----|
| N | 8 | 25 | 33 | 205 |
| Level of academic challenge | 4.1 | 3.5 | 3.7 | 3.8 |
| Keeping pace with recent trends and developments in the field | 4.0 | 3.5 | 3.6 | 3.7 |
| Professional training opportunities | 3.3 | 3.7 | 3.6 | 3.4 |
| Research opportunities | 4.5 | 3.4 | 3.7 | 3.5 |
| Quality of research conducted | 4.5 | 3.3 | 3.6 | 3.6 |
| Quality of instruction | 4.5 | 3.9 | 4.0 | 3.8 |
| Quality of advising | 4.4 | 3.6 | 3.8 | 3.5 |
| Adequacy of space, facilities and/or equipment | 4.3 | 3.6 | 3.8 | 3.9 |
| Overall quality of the degree program | 4.3 | 3.9 | 4.0 | 3.8 |

Professional Development

F.6. Have you done any of the following during your graduate study at Western?

| | ESCI | ESTU | Huxley | WWU |
|--|------|------|--------|-----|
| N | 8 | 25 | 33 | 201 |
| Attended a national or regional meeting associated with your discipline? | 75% | 68% | 70% | 41% |
| Attended an academic or professional conference? | 75% | 88% | 85% | 62% |
| Presented research at a seminar or conference? | 100% | 56% | 67% | 30% |
| Co-authored an article in a refereed journal with a program faculty? | | | | 3% |
| Published as the sole or first author in a refereed journal? | | 4% | 3% | 2% |
| None of the above | | 8% | 6% | 32% |

F.6.a. Professional development questions asked of respondents who responded "yes" in F.6. (Means are reported.) (OSR recoded if respondent gave conflicting answers.)

| | ESCI | ESTU | Huxley | WWU |
|---|------|------|--------|-----|
| N | 5 | 17 | 22 | 82 |
| How many national or regional meetings associated with your discipline have you attended? | 2.0 | 2.0 | 1.9 | 2.0 |
| N | 5 | 22 | 27 | 123 |
| How many academic or professional conferences have you attended? | 2.3 | 2.2 | 2.3 | 2.1 |
| N | 7 | 14 | 21 | 60 |
| At how many seminars or conferences have you presented research? | 1.8 | 1.6 | 1.9 | 1.9 |
| N | | 1 | 1 | 5 |
| How many articles have you published in refereed journals as a co-author? | | 1.0 | 1.0 | 1.0 |
| N | | | | 3 |
| How many articles have you published in refereed journals as the sole or first author? | | | | 1.3 |

F.7. Have you written, or do you plan to write a paper for publication based on your thesis?

| | ESCI | ESTU | Huxley | WWU |
|--|------|------|--------|-----|
| N | 8 | 25 | 33 | 201 |
| Yes, I have written a paper for publication | | 4% | 3% | 5% |
| Yes, I plan to write a paper for publication | 88% | 40% | 52% | 26% |
| No | 13% | | 3% | 16% |
| I did not write a thesis | | 56% | 42% | 53% |

Graduate Study at Western

F.8. During your graduate studies at Western, did you hold a teaching assistantship position, and if so, were you ever the instructor of a course or discussion section?

| | ESCI | ESTU | Huxley | WWU |
|---|------|------|--------|-----|
| N | 7 | 25 | 32 | 201 |
| Yes, I was a TA and the primary instructor for one or more courses | 14% | 8% | 9% | 11% |
| Yes, I was a TA, and the instructor for one or more discussion sections or labs, but never the primary instructor of a course | 29% | 28% | 28% | 21% |
| Yes, I was a TA, but never taught a discussion section or lab, or served as the primary instructor for a course | 57% | 12% | 22% | 13% |
| No, I was not a TA | | 52% | 41% | 54% |

F.8.a. In your most recent TA assignment, how many hours per week did you work? (Asked of respondents who indicated in F.8. that they were a TA.) (Means are reported.)

| | ESCI | ESTU | Huxley | WWU |
|------|------|------|--------|------|
| N | 2 | 3 | 5 | 62 |
| Mean | 20.0 | 15.0 | 17.0 | 18.5 |

F.8.b. In your most recent TA assignment, did you work more or fewer hours per week than you expected?

| | ESCI | ESTU | Huxley | WWU |
|--------------------------|------|------|--------|-----|
| N | 2 | 3 | 5 | 63 |
| Fewer by 5 or more hours | | | | 2% |
| Fewer by 2 to 4 hours | | | | 6% |
| As many as expected | 50% | 100% | 80% | 68% |
| More by 2 to 4 hours | | | | 13% |
| More by 5 or more hours | 50% | | 20% | 11% |

F.8.c. How many quarters were you the primary instructor for one or more courses? (Asked of respondents who indicated in F.8. that they were the primary instructor for one or more courses.) (Means are reported.)

| | ESCI | ESTU | Huxley | WWU |
|------|------|------|--------|------|
| N | 1 | 2 | 3 | 62 |
| Mean | 3.0 | 1 | 1.7 | 18.5 |

Graduate Study at Western

F.9. Rate the extent to which the following factors were an obstacle to your academic progress and/or time to degree. (Scale of 1 - 3, "no impact" to "major impact.") (OSR excluded "not applicable" responses.) (Means are reported.)

| | ESCI | ESTU | Huxley | WWU |
|--------------------------------|------|------|--------|-----|
| N | 6 | 23 | 29 | 184 |
| Family obligations | 1.5 | 1.6 | 1.6 | 1.8 |
| N | 6 | 25 | 31 | 195 |
| Availability of faculty | 1.5 | 1.7 | 1.7 | 1.5 |
| N | 6 | 25 | 31 | 193 |
| Course scheduling/availability | 1.3 | 1.4 | 1.4 | 1.5 |
| N | 7 | 14 | 21 | 108 |
| Thesis research | 2.1 | 1.6 | 1.8 | 1.7 |
| N | 2 | 9 | 11 | 45 |
| Other | 3.0 | 2.2 | 2.4 | 2.2 |

F.10. Approximately how much debt did you incur to finance your graduate education at Western?

| | ESCI | ESTU | Huxley | WWU |
|-------------------------------|----------|----------|----------|----------|
| All respondents | 2 | 19 | 21 | 135 |
| Mean | \$21,000 | \$34,611 | \$33,314 | \$28,349 |
| Respondents who incurred debt | 7 | 24 | 31 | 194 |
| Mean (if debt >0) | \$6,000 | \$27,400 | \$22,568 | \$19,727 |

Plans for the Future

F.11. For each of the following activities, please rate both the likelihood you will engage in the activity, as well as your satisfaction with the level of preparation offered in your program.

F.11.a. Likelihood
(Scale of 1 - 5, "very unlikely" to "very likely") (Means are reported)

| | ESCI | ESTU | Huxley | WWU |
|--|------|------|--------|-----|
| N | 6 | 24 | 30 | 196 |
| Teaching at a higher-ed institution | 3.5 | 3.2 | 3.3 | 3.4 |
| Teaching at the K-12 level | 2.2 | 3.0 | 2.9 | 2.8 |
| Conducting independent research | 4.3 | 3.4 | 3.6 | 3.4 |
| Formulating a research topic | 4.0 | 3.3 | 3.5 | 3.4 |
| Collaborating on research with faculty members | 4.0 | 3.0 | 3.2 | 3.2 |
| Writing a grant proposal | 4.7 | 4.2 | 4.3 | 3.5 |

F.11.b. Satisfaction
(Scale of 1 - 5, "very dissatisfied" to "very satisfied") (Means are reported)

| | ESCI | ESTU | Huxley | WWU |
|--|------|------|--------|-----|
| N | 7 | 24 | 31 | 183 |
| Teaching at a higher-ed institution | 3.7 | 4.0 | 3.8 | 3.7 |
| Teaching at the K-12 level | 3.4 | 4.0 | 3.9 | 3.5 |
| Conducting independent research | 4.4 | 3.5 | 3.7 | 3.7 |
| Formulating a research topic | 4.4 | 3.7 | 3.8 | 3.8 |
| Collaborating on research with faculty members | 3.9 | 3.3 | 3.4 | 3.5 |
| Writing a grant proposal | 4.0 | 3.2 | 3.3 | 2.8 |

F.12. What are your immediate post-graduate plans?

| | ESCI | ESTU | Huxley | WWU |
|---|------|------|--------|-----|
| N | 7 | 25 | 32 | 199 |
| Further graduate study | | 4% | 3% | 8% |
| Employment in a school or community college | 29% | 8% | 13% | 39% |
| Employment in a business or industry | 29% | 16% | 19% | 22% |
| Employment in a non-profit organization | 14% | 20% | 19% | 12% |
| Employment with a government or government agency | | 48% | 38% | 12% |
| Self-employment | | 4% | 3% | 4% |
| Volunteer service | 14% | | 3% | 1% |
| Other | 14% | | 3% | 4% |

Plans for the Future (cont.)

F.12.a. Which of the following degrees do you plan to pursue? (Asked of respondents who answered "further graduate study" in F.12.)

| | ESCI | ESTU | Huxley | WWU |
|-----------------------------|------|------|--------|-----|
| N | | 1 | 1 | 16 |
| Masters | | 100% | 100% | 19% |
| Ph.D. | | | | 69% |
| Professional (JD, MD, etc.) | | | | 13% |

F.12.b. Have you already been admitted for further graduate study? (Asked of respondents who answered "further graduate study" in F.12.)

| | ESCI | ESTU | Huxley | WWU |
|-----|------|------|--------|-----|
| N | | 1 | 1 | 16 |
| Yes | | 100% | 100% | 63% |
| No | | | | 38% |

F.13. Have you received any offers of post-graduation employment? (Asked of respondents who indicated in F.12. that they plan to be employed, options 2 - 5.)

| | ESCI | ESTU | Huxley | WWU |
|-----|------|------|--------|-----|
| N | 5 | 23 | 28 | 166 |
| Yes | 100% | 35% | 46% | 45% |
| No | | 65% | 54% | 55% |

F.13.a. How many job offers have you received? (Asked of respondents who indicated in F.13. that they received offers of post-graduation employment.) (OSR recoded if respondent gave conflicting answers.) (OSR recoded "no" responses in F.13. as 0 in order to calculate the "all respondents seeking employment" values.) (Means are reported.)

| | | ESCI | ESTU | Huxley | WWU |
|---|------|------|------|--------|-----|
| Of all respondents seeking employment (Chose options 2 - 5 in F.12.) | N | 5 | 23 | 28 | 93 |
| | Mean | 1.4 | 0.5 | 0.6 | 0.6 |
| Of respondents receiving at least one offer | N | 5 | 8 | 13 | 73 |
| | Mean | 1.4 | 1.4 | 1.4 | 1.5 |

F.13.b. Of those offers, how many are related to your field of study? (Asked of respondents who answered "yes" in F.13.) (Means are reported.) (OSR recoded if respondent gave conflicting answers.)

| | ESCI | ESTU | Huxley | WWU |
|------|------|------|--------|-----|
| N | 5 | 8 | 13 | 73 |
| Mean | 1.4 | 1.4 | 1.4 | 1.4 |

Plans for the Future (cont.)

F.14. Have you accepted a job offer? (Asked of respondents who indicated they have received an offer of employment in F.13.)

| | ESCI | ESTU | Huxley | WWU |
|-----|------|------|--------|-----|
| N | 5 | 8 | 13 | 73 |
| Yes | 100% | 88% | 92% | 85% |
| No | | 13% | 8% | 15% |

F.14.a. Is the position you accepted related to your field of study? (Asked of respondents who answered "yes" in F.14.)

| | ESCI | ESTU | Huxley | WWU |
|-----|------|------|--------|------|
| N | 5 | 7 | 12 | 59 |
| Yes | 100% | 100% | 100% | 100% |
| No | | | | |

G. College of Sciences and Technology

This section presents data for CST departments that received 5 or more responses. Individual level data for all departments can be shared upon request.

Attending Graduate School

G.1. What was your primary activity immediately prior to enrolling in your program at Western?

| | BIOL | MATH | Other | CST | WWU |
|---|------|------|-------|-----|-----|
| N | 9 | 8 | 8 | 25 | 204 |
| Undergraduate student | 33% | 50% | 88% | 56% | 36% |
| Employed in a field related to your program | 67% | 13% | | 28% | 33% |
| Employed in a field unrelated to your program | | 13% | 13% | 8% | 26% |
| Other | | 0.25 | | 8% | 6% |

G.2. If you were to start your graduate career again, would you select WWU?

| | BIOL | MATH | Other | CST | WWU |
|----------------|------|------|-------|-----|-----|
| N | 9 | 8 | 7 | 24 | 203 |
| Definitely not | | | 14% | 4% | 4% |
| Probably not | 22% | | 14% | 13% | 12% |
| Maybe | 33% | 25% | 14% | 25% | 14% |
| Probably | 11% | 63% | 29% | 33% | 39% |
| Definitely | 33% | 13% | 29% | 25% | 30% |

G.3. If you were to start your graduate career again, would you select the same field of study?

| | BIOL | MATH | Other | CST | WWU |
|----------------|------|------|-------|-----|-----|
| N | 9 | 8 | 8 | 25 | 205 |
| Definitely not | | | | | 1% |
| Probably not | | | | | 4% |
| Maybe | | 25% | 13% | 12% | 10% |
| Probably | 11% | 50% | 13% | 24% | 29% |
| Definitely | 89% | 25% | 75% | 64% | 55% |

G.4. Would you recommend Western to someone considering your program?

| | BIOL | MATH | Other | CST | WWU |
|----------------|------|------|-------|-----|-----|
| N | 9 | 8 | 7 | 24 | 203 |
| Definitely not | | | 14% | 4% | 3% |
| Probably not | 11% | | | 4% | 8% |
| Maybe | 33% | 13% | 29% | 25% | 19% |
| Probably | 11% | 25% | 14% | 17% | 26% |
| Definitely | 44% | 63% | 43% | 50% | 44% |

Academic Program

G.5. For each of the following, please rate both the importance of, as well as your satisfaction with that aspect of your program.

G.5.a. Importance

(Scale of 1 - 5, "not at all important" to "extremely important") (Means are reported)

| | BIOL | MATH | Other | CST | WWU |
|---|------|------|-------|-----|-----|
| N | 8 | 8 | 7 | 23 | 196 |
| Level of academic challenge | 4.6 | 4.4 | 4.1 | 4.4 | 4.2 |
| Keeping pace with recent trends and developments in the field | 4.2 | 3.6 | 4.4 | 4.1 | 4.4 |
| Professional training opportunities | 4.0 | 3.9 | 4.1 | 4.0 | 4.4 |
| Research opportunities | 4.8 | 3.4 | 4.9 | 4.3 | 3.3 |
| Quality of research conducted | 4.7 | 3.3 | 5.0 | 4.3 | 3.5 |
| Quality of instruction | 4.6 | 4.6 | 4.6 | 4.6 | 4.7 |
| Quality of advising | 4.3 | 4.1 | 4.7 | 4.4 | 4.4 |
| Adequacy of space, facilities and/or equipment | 4.4 | 4.0 | 4.4 | 4.3 | 3.9 |
| Overall quality of the degree program | 4.7 | 4.8 | 4.9 | 4.8 | 4.7 |

G.5.b. Satisfaction

(Scale of 1 - 5, "very dissatisfied" to "very satisfied") (Means are reported)

| | BIOL | MATH | Other | CST | WWU |
|---|------|------|-------|-----|-----|
| N | 8 | 8 | 7 | 23 | 205 |
| Level of academic challenge | 2.5 | 2.9 | 3.0 | 2.8 | 3.8 |
| Keeping pace with recent trends and developments in the field | 3.6 | 4.0 | 3.9 | 3.8 | 3.7 |
| Professional training opportunities | 3.0 | 3.9 | 3.3 | 3.4 | 3.4 |
| Research opportunities | 3.8 | 3.6 | 4.6 | 4.0 | 3.5 |
| Quality of research conducted | 4.0 | 3.6 | 4.7 | 4.1 | 3.6 |
| Quality of instruction | 3.7 | 4.9 | 4.3 | 4.3 | 3.8 |
| Quality of advising | 3.3 | 4.6 | 4.6 | 4.1 | 3.5 |
| Adequacy of space, facilities and/or equipment | 4.0 | 4.1 | 4.0 | 4.0 | 3.9 |
| Overall quality of the degree program | 3.7 | 4.6 | 3.9 | 4.0 | 3.8 |

Professional Development

G.6. Have you done any of the following during your graduate study at Western?

| | BIOL | MATH | Other | CST | WWU |
|--|------|------|-------|-----|-----|
| N | 9 | 8 | 7 | 24 | 201 |
| Attended a national or regional meeting associated with your discipline? | 78% | 25% | 71% | 58% | 41% |
| Attended an academic or professional conference? | 89% | 25% | 86% | 67% | 62% |
| Presented research at a seminar or conference? | 100% | | 71% | 58% | 30% |
| Co-authored an article in a refereed journal with a program faculty? | | | 14% | 4% | 3% |
| Published as the sole or first author in a refereed journal? | | | | | 2% |
| None of the above | | 75% | | 25% | 32% |

G.6.a. Professional development questions asked of respondents who responded "yes" in G.6. (Means are reported.) (OSR recoded if respondent gave conflicting answers.)

| | BIOL | MATH | Other | CST | WWU |
|---|------|------|-------|-----|-----|
| N | 7 | 2 | 5 | 14 | 82 |
| How many national or regional meetings associated with your discipline have you attended? | 2.6 | 1.5 | 2.0 | 2.2 | 2.0 |
| N | 8 | 2 | 6 | 16 | 123 |
| How many academic or professional conferences have you attended? | 3.8 | 2.0 | 1.8 | 2.8 | 2.1 |
| N | 9 | | 5 | 14 | 60 |
| At how many seminars or conferences have you presented research? | 2.6 | | 2.6 | 2.6 | 1.9 |
| N | | | 1 | 1 | 5 |
| How many articles have you published in refereed journals as a co-author? | | | 1.0 | 1.0 | 1.0 |
| N | | | | | 3 |
| How many articles have you published in refereed journals as the sole or first author? | | | | | 1.3 |

G.7. Have you written, or do you plan to write a paper for publication based on your thesis?

| | BIOL | MATH | Other | CST | WWU |
|--|------|------|-------|-----|-----|
| N | 9 | 8 | 7 | 24 | 201 |
| Yes, I have written a paper for publication | 22% | | | 8% | 5% |
| Yes, I plan to write a paper for publication | | 88% | | 29% | 26% |
| No | 67% | 13% | 86% | 54% | 16% |
| I did not write a thesis | 11% | | 14% | 8% | 53% |

Graduate Study at Western

G.8. During your graduate studies at Western, did you hold a teaching assistantship position, and if so, were you ever the instructor of a course or discussion section?

| | BIOL | MATH | Other | CST | WWU |
|---|------|------|-------|-----|-----|
| N | 9 | 8 | 8 | 25 | 201 |
| Yes, I was a TA and the primary instructor for one or more courses | 11% | 88% | 13% | 36% | 11% |
| Yes, I was a TA, and the instructor for one or more discussion sections or labs, but never the primary instructor of a course | 78% | | 50% | 44% | 21% |
| Yes, I was a TA, but never taught a discussion section or lab, or served as the primary instructor for a course | | | | | 13% |
| No, I was not a TA | 11% | 13% | 38% | 20% | 54% |

G.8.a. In your most recent TA assignment, how many hours per week did you work? (Asked of respondents who indicated in G.8. that they were a TA.) (Means are reported.)

| | BIOL | MATH | Other | CST | WWU |
|------|------|------|-------|------|------|
| N | 5 | 6 | 1 | 12 | 62 |
| Mean | 21.0 | 22.0 | 25.0 | 21.8 | 18.5 |

G.8.b. In your most recent TA assignment, did you work more or fewer hours per week than you expected?

| | BIOL | MATH | Other | CST | WWU |
|--------------------------|------|------|-------|-----|-----|
| N | 5 | 6 | 1 | 12 | 63 |
| Fewer by 5 or more hours | | | | | 2% |
| Fewer by 2 to 4 hours | | | | | 6% |
| As many as expected | 60% | 83% | | 67% | 68% |
| More by 2 to 4 hours | | 17% | | 8% | 13% |
| More by 5 or more hours | 40% | | 100% | 25% | 11% |

Graduate Study at Western (cont.)

G.8.c. How many quarters were you the primary instructor for one or more courses? (Asked of respondents who indicated in G.8. that they were the primary instructor for one or more courses.) (Means are reported.)

| | BIOL | MATH | Other | CST | WWU |
|------|------|------|-------|-----|-----|
| N | 1 | 7 | 1 | 9 | 22 |
| Mean | 6.0 | 5.1 | 1.0 | 4.8 | 4.3 |

G.9. Rate the extent to which the following factors were an obstacle to your academic progress and/or time to degree. (Scale of 1 - 3, "no impact" to "major impact.") (OSR excluded "not applicable" responses.) (Means are reported.)

| | BIOL | MATH | Other | CST | WWU |
|--------------------------------|------|------|-------|-----|-----|
| N | 9 | 8 | 7 | 24 | 184 |
| Family obligations | 1.7 | 1.9 | 1.7 | 1.8 | 1.8 |
| N | 9 | 8 | 7 | 24 | 195 |
| Availability of faculty | 2.1 | 1.0 | 1.6 | 1.6 | 1.5 |
| N | 9 | 8 | 7 | 24 | 193 |
| Course scheduling/availability | 1.1 | 1.6 | 1.3 | 1.3 | 1.5 |
| N | 9 | 3 | 7 | 19 | 108 |
| Thesis research | 2.0 | 1.3 | 2.6 | 2.1 | 1.7 |
| N | 4 | 1 | 5 | 10 | 45 |
| Other | 2.8 | 1.0 | 2.6 | 2.5 | 2.2 |

G.10. Approximately how much debt did you incur to finance your graduate education at Western?

| | BIOL | MATH | Other | CST | WWU |
|-------------------------------|---------|----------|----------|----------|----------|
| All respondents | 9 | 8 | 7 | 24 | 135 |
| Mean | \$5,667 | \$12,750 | \$8,000 | \$8,708 | \$28,349 |
| Respondents who incurred debt | 7 | 4 | 4 | 15 | 194 |
| Mean (if debt >0) | \$7,286 | \$25,500 | \$14,000 | \$13,933 | \$19,727 |

Plans for the Future

G.11. For each of the following activities, please rate both the likelihood you will engage in the activity, as well as your satisfaction with the level of preparation offered in your program.

G.11.a. Likelihood
(Scale of 1 - 5, "very unlikely" to "very likely") (Means are reported)

| | BIOL | MATH | Other | CST | WWU |
|--|------|------|-------|-----|-----|
| N | 9 | 8 | 8 | 25 | 196 |
| Teaching at a higher-ed institution | 4.2 | 4.6 | 3.6 | 4.2 | 3.4 |
| Teaching at the K-12 level | 2.7 | 2.1 | 1.9 | 2.2 | 2.8 |
| Conducting independent research | 4.4 | 3.3 | 3.8 | 3.8 | 3.4 |
| Formulating a research topic | 4.4 | 3.4 | 3.8 | 3.9 | 3.4 |
| Collaborating on research with faculty members | 4.4 | 2.5 | 4.0 | 3.7 | 3.2 |
| Writing a grant proposal | 4.6 | 1.9 | 3.9 | 3.5 | 3.5 |

G.11.b. Satisfaction
(Scale of 1 - 5, "very dissatisfied" to "very satisfied") (Means are reported)

| | BIOL | MATH | Other | CST | WWU |
|--|------|------|-------|-----|-----|
| N | 9 | 7 | 8 | 24 | 183 |
| Teaching at a higher-ed institution | 4.0 | 4.7 | 3.8 | 4.1 | 3.7 |
| Teaching at the K-12 level | 3.3 | 4.1 | 3.6 | 3.7 | 3.5 |
| Conducting independent research | 4.3 | 4.8 | 4.8 | 4.6 | 3.7 |
| Formulating a research topic | 4.3 | 4.6 | 4.6 | 4.5 | 3.8 |
| Collaborating on research with faculty members | 3.4 | 4.6 | 4.3 | 4.1 | 3.5 |
| Writing a grant proposal | 3.7 | 3.3 | 4.4 | 3.8 | 2.8 |

G.12. What are your immediate post-graduate plans?

| | BIOL | MATH | Other | CST | WWU |
|---|------|------|-------|-----|-----|
| N | 9 | 8 | 8 | 25 | 199 |
| Further graduate study | 22% | 13% | 50% | 28% | 8% |
| Employment in a school or community college | 22% | 50% | 25% | 32% | 39% |
| Employment in a business or industry | 11% | 25% | 13% | 16% | 22% |
| Employment in a non-profit organization | 11% | 13% | 13% | 12% | 12% |
| Employment with a government or government agency | 11% | | | 4% | 12% |
| Self-employment | | | | | 4% |
| Volunteer service | | | | | 1% |
| Other | 22% | | | 8% | 4% |

Plans for the Future (cont.)

G.12.a. Which of the following degrees do you plan to pursue? (Asked of respondents who answered "further graduate study" in G.12.)

| | BIOL | MATH | Other | CST | WWU |
|-----------------------------|------|------|-------|-----|-----|
| N | 2 | 1 | 4 | 7 | 16 |
| Masters | | | | | 19% |
| Ph.D. | 100% | 100% | 50% | 71% | 69% |
| Professional (JD, MD, etc.) | | | 50% | 29% | 13% |

G.12.b. Have you already been admitted for further graduate study? (Asked of respondents who answered "further graduate study" in G.12.)

| | BIOL | MATH | Other | CST | WWU |
|-----|------|------|-------|-----|-----|
| N | 2 | 1 | 4 | 7 | 16 |
| Yes | 50% | 100% | 75% | 71% | 63% |
| No | 50% | | 25% | 29% | 38% |

G.13. Have you received any offers of post-graduation employment? (Asked of respondents who indicated in G.12. that they plan to be employed, options 2 - 5.)

| | BIOL | MATH | Other | CST | WWU |
|-----|------|------|-------|-----|-----|
| N | 5 | 7 | 4 | 16 | 166 |
| Yes | 60% | 57% | 50% | 56% | 45% |
| No | 40% | 43% | 50% | 44% | 55% |

G.13.a. How many job offers have you received? (Asked of respondents who indicated in G.13. that they received offers of post-graduation employment.) (OSR recoded if respondent gave conflicting answers.) (OSR recoded "no" responses in G.13. as 0 in order to calculate the "all respondents seeking employment" values.) (Means are reported.)

| | | BIOL | MATH | Other | CST | WWU |
|--|------|------|------|-------|-----|-----|
| Of all respondents seeking employment (chose options 2 - 5 in G.12.) | N | 5 | 7 | 4 | 16 | 93 |
| | Mean | 0.8 | 0.6 | 0.5 | 0.6 | 0.6 |
| Of respondents receiving at least one offer | N | 3 | 4 | 2 | 9 | 73 |
| | Mean | 1.3 | 1.0 | 1.0 | 1.1 | 1.5 |

G.13.b. Of those offers, how many are related to your field of study? (Asked of respondents who answered "yes" in G.13.) (Means are reported.) (OSR recoded if respondent gave conflicting answers.)

| | BIOL | MATH | Other | CST | WWU |
|------|------|------|-------|-----|-----|
| N | 3 | 4 | 2 | 9 | 73 |
| Mean | 1.3 | 1.0 | 1.0 | 1.1 | 1.4 |

Plans for the Future (cont.)

G.14. Have you accepted a job offer? (Asked of respondents who indicated they have received an offer of employment in G.13.)

| | BIOL | MATH | Other | CST | WWU |
|-----|------|------|-------|-----|-----|
| N | 3 | 4 | 2 | 9 | 73 |
| Yes | 100% | 75% | 100% | 89% | 85% |
| No | | 25% | | 11% | 15% |

G.14.a. Is the position you accepted related to your field of study? (Asked of respondents who answered "yes" in G.14.)

| | BIOL | MATH | Other | CST | WWU |
|-----|------|------|-------|------|------|
| N | 3 | 3 | 2 | 8 | 59 |
| Yes | 100% | 100% | 100% | 100% | 100% |
| No | | | | | |
