



CENTRAL WASHINGTON UNIVERSITY

**A SUMMARY OF RESPONSES TO A 2018 SURVEY OF UNDERGRADUATE ALUMNI WHO GRADUATED
DURING THE 2016/2017 ACADEMIC YEAR**

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|------|---|-----|
| I. | INTRODUCTION & LIMITATIONS | 2. |
| II. | SUMMARY OF RESULTS | 2. |
| III. | ALL RESPONSES | 4. |
| IV. | RESPONSES BY DIFFERENT DEMOGRAPHIC GROUPS | |
| | A. FEMALE vs MALE | 12. |
| | B. FIRST GENERATION STUDENTS | 18. |
| | C. DIRECT TRANSFER AGREEMENTS | 24. |
| | D. PELL ELIGIBLE | 30. |
| | APPENDIX 1 – TEXT RESPONSES TO QUESTIONS 2 | 36. |
| | APPENDIX 2 – TEXT RESPONSES TO QUESTION 3 | 39. |
| | APPENDIX 3 – MOCK UP OF QUALTRICS ONLINE SURVEY | 41. |

Note: enter Control + Left Mouse Click to go to any of the above links

I. INTRODUCTION AND LIMITATIONS OF THE STUDY

During the spring quarter of 2018 Central Washington University (CWU) surveyed 1,901 alums who graduated during the 2017 academic year.

- The survey was administered online via email
- It only included alums who graduated with undergraduate degrees
- A pre-survey announcement was sent to 50% of the alums as a test to see if it helped response rates
- Initial invitation emails were sent on April 10, 2018
- Two reminder emails were sent on April 18 and April 26
- A copy of the invitation email is included in Appendix 1
- A word mock-up of the survey is included in Appendix 2
- The survey was relatively short. CWU has quite a bit of information about the alums, e.g., race, ethnicity, DTA agreements, etc. Those variables were included as “embedded values” in Qualtrics to shorten the survey

One hundred and ten graduates answered the survey out of 1,901 seniors for a response rate of 5.8%. The response rate was disappointing. In the future, it may help response rates if all contacts come from alums' home departments.

Limitations

The following summary results are from a small sample and should not be assumed to represent the population of all 2016/2017 alumni with undergraduate degrees. In addition, the demographics of this survey are different from the class of 2016/2017, i.e., this survey has a higher proportion of females and it is less racially and ethnically diverse than the class of 2016/2017.

II. SUMMARY OF RESULTS

Positive results include:

- 75% of respondents agreed or strongly agreed that CWU helped them “7b. become productive and enlightened citizens.”
- 78% of respondents agreed or strongly agreed that “8a. I am very satisfied with my education from Central Washington University.”
- 79% of alums agreed or strongly agreed that “8b. The curriculum provided useful perspectives on critical issues facing my profession.”
- Alums who were first generation students had very similar responses to alums from families with college graduates. The difference in annual salary was very small.
- The differences between alums who were eligible for Pell grants as undergraduates vs. alums who were not eligible was interesting. There were differences but in several cases “Pell eligible alums” responses were more positive. One of the most surprising differences was that 21% of Pell eligible alums were continuing their education vs. only 2% of alums who were not eligible for Pell grants. Therefore it wasn't surprising that the average earnings of Pell eligible alums was approximately \$32,000 vs. \$43,000 for alums who were not Pell eligible.

- There were no significant differences between alums who were first generation students and other students. The main differences were: (1) the reasons why first generation alums selected CWU, and (2) alums who were first generation students are likely to participate in different CWU events.

Negative results include:

- Only 61% of alums strongly agreed or agreed that CWU helped them become a responsible citizen. This is quite a bit lower than previous surveys. Maybe the reason is that this survey was only administered to alums one year out of college. CWU should track this carefully.
- The average salary for alums who answered this survey was \$37,000. The U.S. DOE College Scorecard lists the median earnings of CWU alums ten years after graduating as \$44,900. It makes sense that earnings would be higher five years after graduating compared to just one year after graduation. In addition, the U.S. DOE College Scorecard queried earnings from IRS database so they have a much larger database.
- When these alums were seniors they gave two relatively low average responses on NSSE's "Inclusiveness and Engagement with Cultural Diversity" topical module questions. Those questions were included in this alumni survey and alums still gave low responses to the question asking them if they "Explored their own backgrounds through projects, assignments, or programs."
- Males gave significantly lower responses to the questions asking them if they "recognized their own cultural norms and biases" (see page 13).
- Females score significantly different from males on several questions. The difference in annual earnings was larger than expected. Females average earnings were \$31,000 annually, males were \$46,000 annually. Males earned 48% more than females. This large difference maybe an anomaly due to the small sample size.

III. ALL RESPONSES

1. Which of the following best describes your current primary status.

| Question | # of Responses | % Responses |
|---|----------------|-------------|
| Employed for pay full time | 65 | 59% |
| Employed for pay part time | 13 | 12% |
| Participating in a volunteer or service program | 0 | 0% |
| Serving in the military | 2 | 2% |
| Enrolled in a program of continuing education | 14 | 13% |
| Planning to continue education but not yet | 1 | 1% |
| Seeking employment | 5 | 5% |
| Not seeking employment or further | 0 | 0% |
| Other (please describe) | 10 | 10% |
| Total Responses | 110 | 100% |

Responses to "Other:"

Business Owner

Employed full time and planning continuing education

FEMA Reservist

Graduate student

Professional softball overseas

Self-Employed Full time

Unemployed; finishing flight training (Instrument, Commercial, CFI)

Work in family business

Working as a substitute while trying to get a job within the area of study.

Working part time and planning on continuing education in the fall

2. If you are working would you please tell us your job title and the organization you work for?

If you are a graduate student, would you please tell us where are enrolled and what degree you are pursuing?

See Appendix 1

3. Where do you live (nearest city and state)?

See Appendix 2

4. How important are each of the following competencies to your career?

(medians are highlighted with a dark background)

| | Critical | Very important | Somewhat important | Not important | Not at all important | Did not answer |
|---|------------|----------------|--------------------|---------------|----------------------|----------------|
| a. Thinking critically - check your and others' assumptions; consider multiple perspectives from various sources, etc. | 55% | 40% | 5% | 0% | 0% | 1% |
| b. Written communications – purpose, organization, development, mechanics | 53% | 34% | 12% | 1% | 0% | 1% |
| c. Oral communications – vocal delivery, gestures, eye contact, good listening | 66% | 26% | 5% | 1% | 0% | 1% |
| d. Quantitative reasoning - apply quantitative tools and computer skills to solve problems; comprehend symbolic representations | 36% | 33% | 24% | 5% | 2% | 1% |
| e. Information literacy - critically evaluate data sources as you gather relevant information | 50% | 29% | 17% | 3% | 0% | 1% |

5. How strongly do you agree or disagree that CWU prepared you for each of these competencies?

(medians are highlighted with a dark background)

| | Strongly agree | Agree | Somewhat agree | Disagree | Strongly disagree | Did not answer |
|---|----------------|------------|----------------|----------|-------------------|----------------|
| a. Thinking critically - check your and others' assumptions; consider multiple perspectives from various sources, etc. | 34% | 42% | 20% | 4% | 1% | 0% |
| b. Written communications – purpose, organization, development, mechanics | 35% | 38% | 22% | 4% | 1% | 0% |
| c. Oral communications – vocal delivery, gestures, eye contact, good listening | 28% | 37% | 27% | 6% | 1% | 0% |
| d. Quantitative reasoning - apply quantitative tools and computer skills to solve problems; comprehend symbolic representations | 25% | 39% | 25% | 10% | 1% | 1% |
| e. Information literacy - critically evaluate data sources as you gather relevant information | 36% | 31% | 29% | 2% | 1% | 1% |

6. How much did your coursework at CWU emphasize the following?

(medians are highlighted with a dark background)

| | Very Much | Quite a bit | Some | Very Little | Did not answer |
|--|-----------|-------------|------------|-------------|----------------|
| Recognize your own cultural norms and biases | 22% | 36% | 26% | 15% | 1% |
| Explore your own background through projects, assignments, or programs | 14% | 30% | 30% | 25% | 1% |

7. These next few questions relate to CWU's Mission and General Education goals. How strongly do you agree or disagree that your education from CWU helped you...? Medians are highlighted with a dark background.

| | Strongly Agree | Agree | Neither agree nor disagree | Disagree | Strongly disagree | Did not answer |
|---|----------------|------------|----------------------------|----------|-------------------|----------------|
| a. become a responsible citizen. | 24% | 37% | 33% | 5% | 1% | 1% |
| b. become a productive and enlightened (informed, good learner, insightful) individual. | 36% | 39% | 21% | 4% | 0% | 0% |
| c. respect diversity of background, experience and belief, and value the different perspectives that this diversity brings. | 34% | 41% | 19% | 5% | 1% | 0% |
| d. master the basic principles of logical, mathematical, and scientific reasoning. | 21% | 48% | 23% | 8% | 0% | 0% |
| e. achieve fluency in reading, writing, oral communication, and information technology. | 26% | 53% | 15% | 5% | 0% | 0% |
| f. appreciate the breadth and depth of scientific and human knowledge. | 28% | 41% | 24% | 6% | 1% | 0% |
| g. develop a sense of the inter-connectedness of knowledge. | 27% | 43% | 23% | 5% | 2% | 0% |
| h. integrate knowledge from diverse fields of study in order to solve real world problems. | 25% | 41% | 23% | 11% | 1% | 0% |
| i. become aware of the manifold ways that knowledge evolves. | 17% | 47% | 24% | 10% | 2% | 0% |
| j. develop a disposition to ask incisive and insightful questions. | 27% | 45% | 20% | 7% | 1% | 0% |

8. Please select the response that best describes your opinion about your education at CWU. Medians are highlighted with a dark background.

| | Strongly Agree | Agree | Neither agree nor disagree | Disagree | Strongly disagree | Did not answer |
|---|----------------|------------|----------------------------|----------|-------------------|----------------|
| a. I am very satisfied with my education from Central Washington University. | 44% | 34% | 15% | 5% | 3% | 0% |
| b. The curriculum provided useful perspectives on critical issues facing my profession. | 39% | 40% | 13% | 5% | 3% | 0% |

9. Why did you choose to attend CWU for your undergraduate degree? Please select all that apply.

| | Responses | - % - | Data Bars 0 to 1 |
|---|-----------|-------|---------------------|
| Campus size | 43 | 39% | |
| Student/faculty ratio | 50 | 45% | |
| Location of campus | 67 | 61% | |
| Cost | 76 | 69% | |
| Legacy (tradition, other family members attended) | 11 | 10% | |
| Program | 59 | 54% | |
| Friends attended | 21 | 19% | |
| Academic reputation | 20 | 18% | |
| Likelihood of obtaining a job after you graduate | 14 | 13% | |
| Other (please describe) | 14 | 13% | |

Other:

| |
|---|
| Classes scheduled times |
| Flexibility of online programs |
| I loved the campus it is beautiful! |
| It just felt right |
| Less Liberal than other universities |
| Made the cheer team |
| Online |
| Online capabilities. |
| Online programs |
| Opportunity to compete athletically at the collegiate level |
| Professor John Harbaugh |
| Softball scholarship |
| To play rugby |
| You accepted me. |

10. How likely are you as an alum to do the following?








| | Likely | Not likely | Did not answer | Likely Data Bars |
|---|--------|------------|----------------|------------------|
| a. Mentor CWU students | 55% | 44% | 1% | |
| b. Identify job opportunities for fellow CWU graduates | 59% | 41% | 0% | |
| c. Attend local Alumni Association Events | 26% | 73% | 1% | |
| d. Read the monthly Alumni E-Newsletter | 30% | 70% | 0% | |
| e. Read the Central Connections Magazine | 19% | 81% | 0% | |
| f. Promote CWU to others | 83% | 15% | 2% | |
| g. Network with other Alumni | 56% | 44% | 0% | |
| h. Visit the CWU website | 64% | 36% | 0% | |
| i. Use a printed or online alumni directory | 23% | 77% | 0% | |
| j. Provide leadership by serving on boards, committees, advisory boards, etc. | 33% | 66% | 1% | |
| k. Give to Scholarships or Programs | 23% | 77% | 0% | |
| l. Attend or volunteer for general Alumni and University events | 30% | 70% | 0% | |
| m. Visit CWU Alumni LinkedIn and Facebook pages | 51% | 49% | 0% | |

11. How likely are you as an alum to attend the following events?

| | Likely | Not likely | Did not answer | Likely Data Bars |
|------------------------------------|--------|------------|----------------|------------------|
| a. Networking | 40% | 60% | 0% | |
| b. Young Alumni | 25% | 75% | 1% | |
| c. Homecoming Weekend | 18% | 81% | 1% | |
| d. Social Events | 29% | 71% | 0% | |
| e. Professional Development | 43% | 56% | 1% | |
| f. Academic Specific Programs | 38% | 61% | 1% | |
| g. Fundraising Events | 11% | 89% | 0% | |
| h. Alumni Travel Opportunities | 31% | 69% | 0% | |
| i. Family/Children Oriented Events | 21% | 79% | 0% | |
| j. Regional Network Events | 29% | 71% | 0% | |
| k. Educational Lectures | 39% | 61% | 0% | |
| l. Athletic Events | 28% | 72% | 0% | |
| m. Performing Arts Programs | 28% | 71% | 1% | |

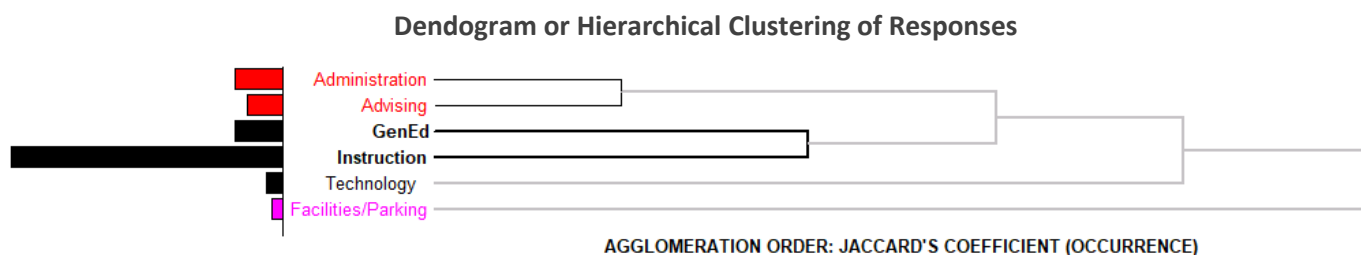
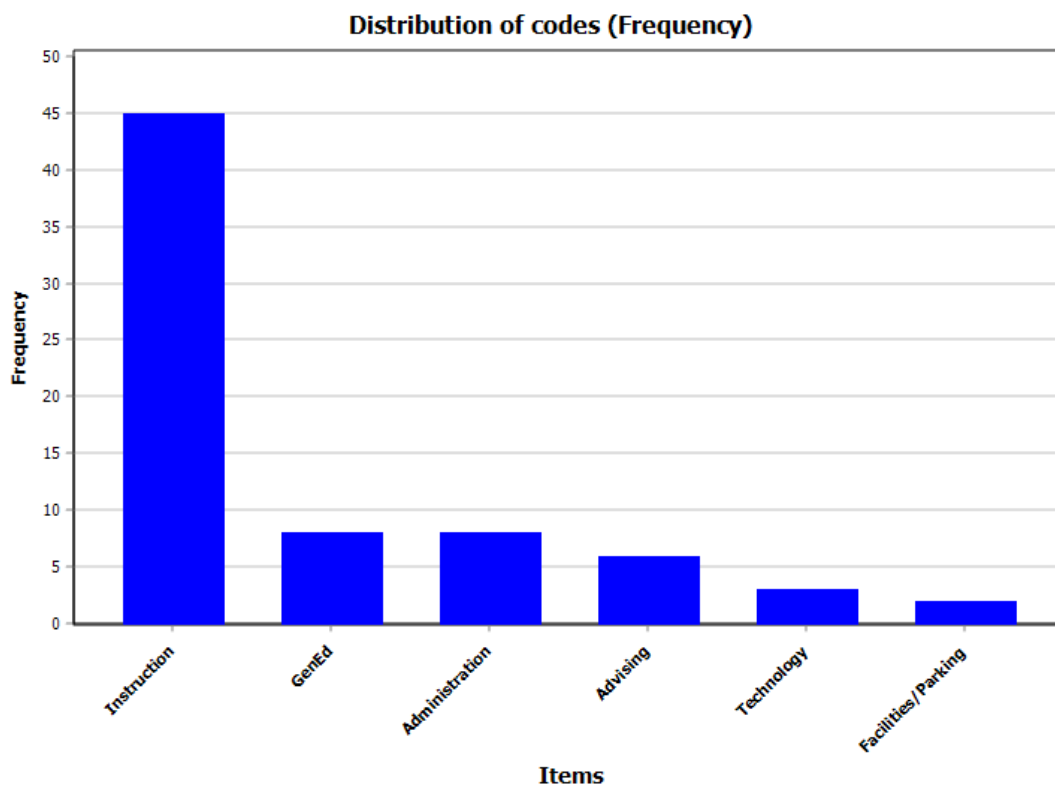
12. What are your approximate, yearly, pre-tax, earnings?

The estimated average earnings of undergraduate alums who graduated in 2017 is approximately \$37,000 annually.

| | % of 110 | Data Bars 0 to 100% |
|-----------------------------|----------|---|
| less than \$20,000 annually | 22% |  |
| \$20,000 to \$39,999 | 43% |  |
| \$40,000 to \$59,999 | 16% |  |
| \$60,000 to \$79,999 | 12% |  |
| \$80,000 to \$99,999 | 4% |  |
| \$100,000 or over | 2% |  |
| Did not answer | 2% |  |

13. How could CWU have improved your learning experience?

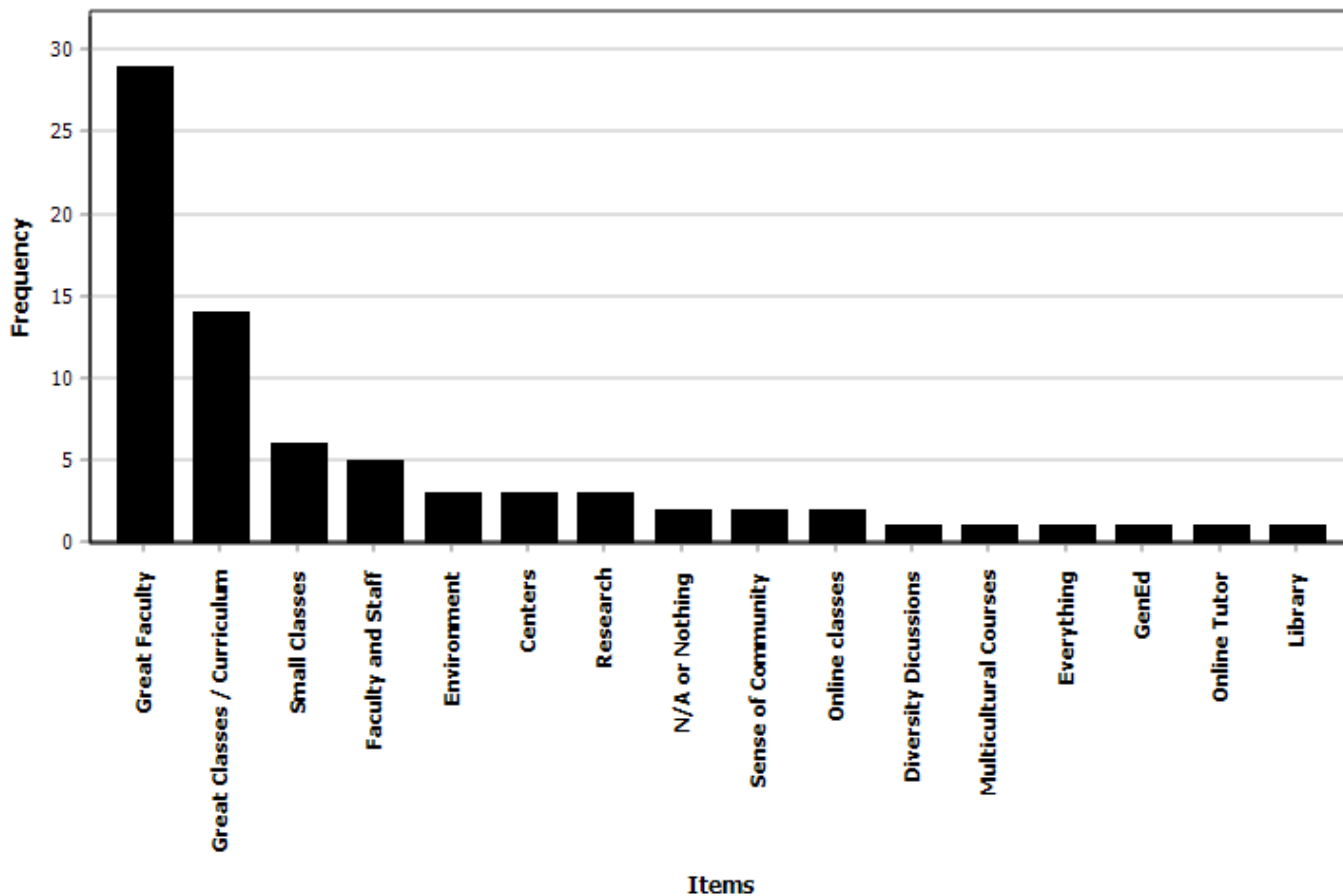
Note: each text response was assigned one or more “codes.” These charts summarize the codes.



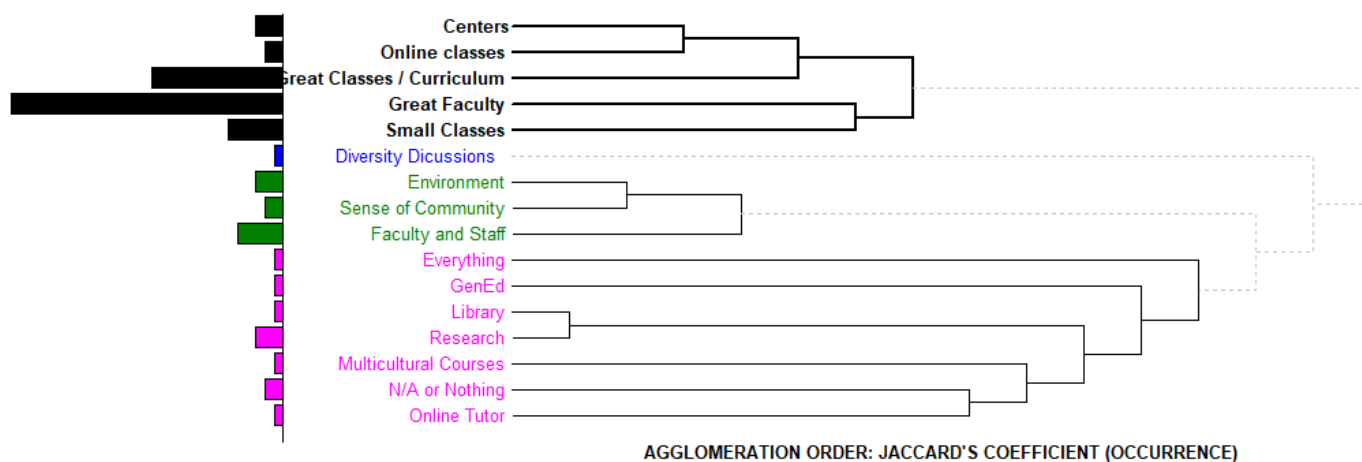
14. What did CWU do best to help improve your learning?

Note: each text response was assigned one or more “codes.” These charts summarize the codes.

Distribution of codes (Frequency)



Dendrogram or Hierarchical Clustering of Responses



IV. UNDERGRADUATE ALUMNI SURVEY RESPONSES BY SEX

Note: All p-value calculations in this section are two-tailed t-tests assuming unequal variances. The null hypothesis is that male and female averages are the same. P-values that are significant at 0.10 are bolded.

This survey sample had 68 responses by females and 42 responses by males.

1. Which of the following best describes your current primary status.

| Question | Female | Male | Difference |
|---|--------|------|------------|
| Employed for pay full time | 60% | 57% | 3% |
| Employed for pay part time | 15% | 7% | 8% |
| Participating in a volunteer or service program | 0% | 0% | 0% |
| Serving in the military | 1% | 2% | -1% |
| Enrolled in a program of continuing education | 10% | 17% | -6% |
| Planning to continue education but not yet enrolled | 1% | 0% | 1% |
| Seeking employment | 4% | 5% | 0% |
| Not seeking employment or further education | 0% | 0% | 0% |
| Other (please describe) | 7% | 12% | -5% |
| Total Responses | 68 | 42 | |

4. How important are each of the following competencies to your career?

| | Female average | Male average | P-value * | Female median | Male median | Difference in medians |
|---|----------------|--------------|-------------|---------------|-------------|-----------------------|
| a. Thinking critically - check your and others' assumptions; consider multiple perspectives from various sources, etc. | 4.48 | 4.55 | 0.55 | 5.0 | 5.0 | 0.0 |
| b. Written communications – purpose, organization, development, mechanics | 4.36 | 4.45 | 0.50 | 5.0 | 5.0 | 0.0 |
| c. Oral communications – vocal delivery, gestures, eye contact, good listening (3) | 4.64 | 4.52 | 0.38 | 5.0 | 5.0 | 0.0 |
| d. Quantitative reasoning - apply quantitative tools and computer skills to solve problems; comprehend symbolic representations (4) | 3.78 | 4.31 | 0.00 | 4.0 | 4.5 | -0.5 |
| e. Information literacy - critically evaluate data sources as you gather relevant information (5) | 4.16 | 4.45 | 0.07 | 4.0 | 5.0 | -1.0 |

5. How strongly do you agree or disagree that CWU prepared you for each of these competencies.

| | Female average | Male average | P-value | Female median | Male median | Difference in medians |
|---|----------------|--------------|-------------|---------------|-------------|-----------------------|
| a. Thinking critically - check your and others' assumptions; consider multiple perspectives from various sources, etc. | 4.00 | 4.10 | 0.58 | 4.0 | 4.0 | 0.0 |
| b. Written communications – purpose, organization, development, mechanics | 4.00 | 4.10 | 0.60 | 4.0 | 4.0 | 0.0 |
| c. Oral communications – vocal delivery, gestures, eye contact, good listening (3) | 3.76 | 4.00 | 0.21 | 4.0 | 4.0 | 0.0 |
| d. Quantitative reasoning - apply quantitative tools and computer skills to solve problems; comprehend symbolic representations (4) | 3.63 | 4.00 | 0.05 | 4.0 | 4.0 | 0.0 |
| e. Information literacy - critically evaluate data sources as you gather relevant information (5) | 3.93 | 4.14 | 0.21 | 4.0 | 4.0 | 0.0 |

6. How much did your coursework at CWU emphasize the following? (This question had a four-point scale, from “Very much = 4,” “Quite a bit = 3,” “Some = 2.” to “Very little = 1”). This question is from the National Survey of Student Engagement Topical Module called “Inclusiveness and Engagement with Cultural Diversity.”

| | Female average | Male average | P-value | Female median | Male median | Difference in medians |
|--|----------------|--------------|-------------|---------------|-------------|-----------------------|
| Recognize your own cultural norms and biases (1) | 2.81 | 2.41 | 0.03 | 3.0 | 3.0 | 0.0 |
| Explore your own background through projects, assignments, or programs (2) | 2.37 | 2.24 | 0.52 | 2.0 | 2.0 | 0.0 |

7. These next few questions relate to CWU's Mission and General Education goals. How strongly do you agree or disagree that your education from CWU helped you...?

| | Female average | Male average | P-value | Female median | Male median | Difference in medians |
|---|----------------|--------------|-------------|---------------|-------------|-----------------------|
| a. become a responsible citizen. | 3.93 | 3.57 | 0.06 | 4.0 | 3.0 | 1.0 |
| b. become a productive and enlightened (informed, good learner, insightful) individual. | 4.15 | 3.98 | 0.32 | 4.0 | 4.0 | 0.0 |
| c. respect diversity of background, experience and belief, and value the different perspectives that this diversity brings. | 4.12 | 3.83 | 0.12 | 4.0 | 4.0 | 0.0 |
| d. master the basic principles of logical, mathematical, and scientific reasoning. | 3.81 | 3.83 | 0.88 | 4.0 | 4.0 | 0.0 |
| e. achieve fluency in reading, writing, oral communication, and information technology. | 4.01 | 3.98 | 0.81 | 4.0 | 4.0 | 0.0 |
| f. appreciate the breadth and depth of scientific and human knowledge | 3.81 | 4.02 | 0.22 | 4.0 | 4.0 | 0.0 |
| g. develop a sense of the interconnectedness of knowledge. | 3.87 | 3.90 | 0.84 | 4.0 | 4.0 | 0.0 |
| h. integrate knowledge from diverse fields of study in order to solve real world problems. | 3.76 | 3.79 | 0.92 | 4.0 | 4.0 | 0.0 |
| i. become aware of the manifold ways that knowledge evolves. | 3.71 | 3.64 | 0.75 | 4.0 | 4.0 | 0.0 |
| j. develop a disposition to ask incisive and insightful questions. | 3.87 | 3.95 | 0.65 | 4.0 | 4.0 | 0.0 |

8. Please select the response that best describes your opinion about your education at CWU.

| | Female average | Male average | P-value | Female median | Male median | Difference in medians |
|---|----------------|--------------|---------|---------------|-------------|-----------------------|
| a. I am very satisfied with my education from Central Washington University. | 4.15 | 4.02 | 0.55 | 4.0 | 4.0 | 0.0 |
| b. The curriculum provided useful perspectives on critical issues facing my profession. | 4.15 | 3.95 | 0.34 | 4.0 | 4.0 | 0.0 |

9. Why did you choose to attend CWU for your undergraduate degree? Please select all that apply.

| | Female | Male | Difference | Data Bars |
|-----------------------|--------|------|------------|--------------|
| | | | | -0.2 to +0.2 |
| Campus size | 41% | 36% | 5% | |
| Student/faculty ratio | 46% | 45% | 0% | |
| Location of campus | 56% | 69% | -13% | |
| Cost | 75% | 60% | 15% | |
| Legacy/Tradition | 10% | 10% | 1% | |
| Program | 54% | 52% | 2% | |
| Friends attended | 12% | 31% | -19% | |
| Academic reputation | 15% | 24% | -9% | |
| Help get job | 7% | 21% | -14% | |
| Other | 15% | 10% | 5% | |

10. How likely are you as an alum to do the following?

| | Female | | Male | | Likely Difference | Sparklines |
|--|--------|------------|--------|------------|-------------------|------------|
| | Likely | Not likely | Likely | Not likely | | |
| a. Mentor CWU students | 54% | 44% | 57% | 43% | -3% | |
| b. Identify job opportunities for fellow CWU graduates | 24% | 76% | 31% | 67% | -7% | |
| c. Attend local Alumni Association Events | 29% | 71% | 31% | 69% | -2% | |
| d. Read the monthly Alumni E-Newsletter | 19% | 81% | 19% | 81% | 0% | |
| e. Read the Central Connections Magazine | 84% | 15% | 81% | 17% | 3% | |
| f. Promote CWU to others | 54% | 46% | 60% | 40% | -5% | |
| g. Network with other Alumni | 69% | 31% | 55% | 45% | 14% | |
| h. Visit the CWU website | 25% | 75% | 19% | 81% | 6% | |
| i. Use a printed or online alumni directory | 31% | 69% | 36% | 62% | -5% | |
| j. Provide leadership by serving on boards, committees, advisory | 28% | 72% | 14% | 86% | 14% | |
| k. Give to Scholarships or Programs | 31% | 69% | 29% | 71% | 2% | |
| l. Attend or volunteer for general Alumni and University events | 56% | 44% | 43% | 57% | 13% | |

Note: Sparklines are small bar charts that graph the percent responses of females and males.

11. How likely are you as an alum to attend the following events?

| | Female | | Male | | Likely Difference | Sparklines |
|------------------------------------|--------|------------|--------|------------|-------------------|------------|
| | Likely | Not likely | Likely | Not likely | | |
| a. Networking | 38% | 62% | 43% | 57% | -5% | |
| b. Young Alumni | 22% | 76% | 29% | 71% | -7% | |
| c. Homecoming Weekend | 25% | 74% | 7% | 93% | 18% | |
| d. Social Events | 32% | 68% | 24% | 76% | 9% | |
| e. Professional Development | 46% | 53% | 38% | 62% | 7% | |
| f. Academic Specific Programs | 44% | 54% | 29% | 71% | 16% | |
| g. Fundraising Events | 12% | 88% | 10% | 90% | 2% | |
| h. Alumni Travel Opportunities | 26% | 74% | 38% | 62% | -12% | |
| i. Family/Children Oriented Events | 25% | 75% | 14% | 86% | 11% | |
| j. Regional Network Events | 25% | 75% | 36% | 64% | -11% | |
| k. Educational Lectures | 50% | 50% | 21% | 79% | 29% | |
| l. Athletic Events | 35% | 65% | 17% | 83% | 19% | |
| m. Performing Arts Programs | 34% | 66% | 19% | 79% | 15% | |

12. What are your approximate, yearly, pre-tax, earnings?

| | Female n=68 | Male n=42 | Difference | Data Bars |
|---------------------------|------------------|------------------|------------|-------------|
| | | | | -0.5 to 0.5 |
| Less than \$20,000 | 24% | 19% | 4% | |
| \$20,000 to \$39,999 | 51% | 29% | 23% | |
| \$40,000 to \$59,999 | 16% | 17% | 0% | |
| \$60,000 to \$79,999 | 3% | 26% | -23% | |
| \$80,000 to \$99,999 | 1% | 7% | -6% | |
| \$100,000 or more | 1% | 2% | -1% | |
| Did not answer | 3% | 0% | 3% | |
| Total | 100% | 100% | | |
| Estimated Earnings | \$ 31,000 | \$ 46,000 | | |

V. UNDERGRADUATE ALUMNI SURVEY RESPONSES BY FIRST GENERATION STATUS

Fifty-two respondents were first generation students, 58 responses were from “multi-generation” students.

Note: All p-value calculations in this section are two-tailed t-tests assuming unequal variances. The null hypothesis is that male and female averages are the same. P-values that are significant at 0.10 are bolded.

1. Which of the following best describes your current primary status.

| | First Gen 52 replies | Multi Gen 58 replies | Difference |
|---|-------------------------|-------------------------|------------|
| Employed for pay full time | 63% | 55% | 8% |
| Employed for pay part time | 12% | 12% | -1% |
| Participating in a volunteer or service program | 0% | 0% | 0% |
| Serving in the military | 0% | 3% | -3% |
| Enrolled in a program of continuing education | 10% | 16% | -6% |
| Planning to continue education but not yet enrolled | 0% | 2% | -2% |
| Seeking employment | 6% | 3% | 2% |
| Not seeking employment or further education | 0% | 0% | 0% |
| Other (please describe) | 10% | 9% | 1% |
| Total Responses | 100% | 100% | |

The answer scales for question #4 on the next page are:

- Critical = 5
- Very important = 4
- Somewhat important = 3
- Not very important = 2
- Not at all important = 1

4. How important are each of the following competencies to your career?

| | 1 st Gen average | Multi-gen average | P-value | 1 st Gen median | Multi-gen median | Difference in medians |
|---|-----------------------------|-------------------|---------|----------------------------|------------------|-----------------------|
| a. Thinking critically - check your and others' assumptions; consider multiple perspectives from various sources, etc. | 4.51 | 4.50 | 0.93 | 5.0 | 5.0 | 0.0 |
| b. Written communications – purpose, organization, development, mechanics | 4.37 | 4.41 | 0.77 | 5.0 | 5.0 | 0.0 |
| c. Oral communications – vocal delivery, gestures, eye contact, good listening (3) | 4.65 | 4.55 | 0.44 | 5.0 | 5.0 | 0.0 |
| d. Quantitative reasoning - apply quantitative tools and computer skills to solve problems; comprehend symbolic representations (4) | 4.06 | 3.91 | 0.44 | 4.0 | 4.0 | 0.0 |
| e. Information literacy - critically evaluate data sources as you gather relevant information (5) | 4.25 | 4.29 | 0.81 | 4.0 | 5.0 | -1.0 |

5. How strongly do you agree or disagree that CWU prepared you for each of these competencies?

The question scales for #5 are: Strongly agree = 5, Agree = 4, Somewhat agree = 3, Disagree = 2, Strongly disagree = 1.

| | 1 st Gen average | Multi-gen average | P-value | 1 st Gen median | Multi-gen median | Difference in medians |
|---|-----------------------------|-------------------|---------|----------------------------|------------------|-----------------------|
| a. Thinking critically - check your and others' assumptions; consider multiple perspectives from various sources, etc. | 4.04 | 4.03 | 0.98 | 4.0 | 4.0 | 0.0 |
| b. Written communications – purpose, organization, development, mechanics | 4.13 | 3.95 | 0.28 | 4.0 | 4.0 | 0.0 |
| c. Oral communications – vocal delivery, gestures, eye contact, good listening (3) | 3.85 | 3.86 | 0.93 | 4.0 | 4.0 | 0.0 |
| d. Quantitative reasoning - apply quantitative tools and computer skills to solve problems; comprehend symbolic representations (4) | 3.65 | 3.88 | 0.22 | 4.0 | 4.0 | 0.0 |
| e. Information literacy - critically evaluate data sources as you gather relevant information (5) | 4.00 | 4.02 | 0.92 | 4.0 | 4.0 | 0.0 |

6. How much did your coursework at CWU emphasize the following? This question had a four-point scale, from Very much = 4, Quite a bit =3, Some = 2, Very little = 1

| | 1 st Gen average | Multi-gen average | P-value | 1 st Gen median | Multi-gen median | Difference in medians |
|--|-----------------------------|-------------------|---------|----------------------------|------------------|-----------------------|
| Recognize your own cultural norms and biases (1) | 2.67 | 2.65 | 0.90 | 3.0 | 3.0 | 0.0 |
| Explore your own background through projects, assignments, or programs (2) | 2.23 | 2.40 | 0.37 | 2.0 | 2.0 | 0.0 |

7. These next few questions relate to CWU's Mission and General Education goals. How strongly do you agree or disagree that your education from CWU helped you...?

| | 1 st Gen average | Multi-gen average | P-value | 1 st Gen median | Multi-gen median | Difference in medians |
|---|-----------------------------|-------------------|---------|----------------------------|------------------|-----------------------|
| a. become a responsible citizen. | 3.86 | 3.72 | 0.42 | 4.0 | 4.0 | 0.0 |
| b. become a productive and enlightened (informed, good learner, insightful) individual. | 4.08 | 4.09 | 0.95 | 4.0 | 4.0 | 0.0 |
| c. respect diversity of background, experience and belief, and value the different perspectives that this diversity brings. | 4.04 | 3.98 | 0.75 | 4.0 | 4.0 | 0.0 |
| d. master the basic principles of logical, mathematical, and scientific reasoning. | 3.79 | 3.84 | 0.73 | 4.0 | 4.0 | 0.0 |
| e. achieve fluency in reading, writing, oral communication, and information technology. | 4.04 | 3.97 | 0.63 | 4.0 | 4.0 | 0.0 |
| f. appreciate the breadth and depth of scientific and human knowledge | 3.98 | 3.81 | 0.33 | 4.0 | 4.0 | 0.0 |
| g. develop a sense of the inter-connectedness of knowledge. | 3.94 | 3.83 | 0.52 | 4.0 | 4.0 | 0.0 |
| h. integrate knowledge from diverse fields of study in order to solve real world problems. | 3.83 | 3.72 | 0.58 | 4.0 | 4.0 | 0.0 |
| i. become aware of the manifold ways that knowledge evolves. | 3.67 | 3.69 | 0.93 | 4.0 | 4.0 | 0.0 |
| j. develop a disposition to ask incisive and insightful questions. | 3.90 | 3.90 | 0.97 | 4.0 | 4.0 | 0.0 |

8. Please select the response that best describes your opinion about your education at CWU.

| | 1 st Gen average | Multi-gen average | P-value | 1 st Gen median | Multi-gen median | Difference in medians |
|---|-----------------------------|-------------------|---------|----------------------------|------------------|-----------------------|
| a. I am very satisfied with my education from Central Washington University. | 4.04 | 4.16 | 0.55 | 4.0 | 4.0 | 0.0 |
| b. The curriculum provided useful perspectives on critical issues facing my profession. | 4.08 | 4.07 | 0.97 | 4.0 | 4.0 | 0.0 |

9. Why did you choose to attend CWU for your undergraduate degree? Please select all that apply.

| | 1st Gen | ≥ 2 Gens | Difference | Data Bars |
|-----------------------|---------|----------|------------|----------------|
| | | | | -0.25 to +0.25 |
| Campus size | 44% | 34% | 10% | |
| Student/faculty ratio | 44% | 47% | -2% | |
| Location of campus | 58% | 64% | -6% | |
| Cost | 65% | 72% | -7% | |
| Legacy/Tradition | 6% | 14% | -8% | |
| Program | 52% | 55% | -3% | |
| Friends attended | 27% | 12% | 15% | |
| Academic reputation | 15% | 21% | -5% | |
| Help get job | 15% | 10% | 5% | |
| Other | 15% | 10% | 5% | |

10. How likely are you as an alum to do the following?

| | First Generation | | Multi-Generation | | Likely Difference | Sparklines |
|--|------------------|------------|------------------|------------|-------------------|------------|
| | Likely | Not likely | Likely | Not likely | | |
| a. Mentor CWU students | 58% | 40% | 53% | 47% | 4% | |
| b. Identify job opportunities for fellow CWU graduates | 25% | 73% | 28% | 72% | -3% | |
| c. Attend local Alumni Association Events | 29% | 71% | 31% | 69% | -2% | |
| d. Read the monthly Alumni E-Newsletter | 21% | 79% | 17% | 83% | 4% | |
| e. Read the Central Connections Magazine | 83% | 15% | 83% | 16% | 0% | |
| f. Promote CWU to others | 56% | 44% | 57% | 43% | -1% | |
| g. Network with other Alumni | 67% | 33% | 60% | 40% | 7% | |
| h. Visit the CWU website | 21% | 79% | 24% | 76% | -3% | |
| i. Use a printed or online alumni directory | 37% | 62% | 29% | 71% | 7% | |
| j. Provide leadership by serving on boards, committees, advisory | 27% | 73% | 19% | 81% | 8% | |
| k. Give to Scholarships or Programs | 29% | 71% | 31% | 69% | -2% | |
| l. Attend or volunteer for general Alumni and University events | 50% | 50% | 52% | 48% | -2% | |

Note: Sparklines are small bar charts that graph the percent responses of females and males.
See Edward Tufte, "Beautiful Evidence," 46-63.

11. How likely are you as an alum to attend the following events?

| | First Generation | | Multi-Generation | | Likely Difference | Sparklines |
|------------------------------------|------------------|------------|------------------|------------|-------------------|------------|
| | Likely | Not likely | Likely | Not likely | | |
| a. Networking | 38% | 62% | 41% | 59% | -3% | |
| b. Young Alumni | 27% | 73% | 22% | 76% | 5% | |
| c. Homecoming Weekend | 25% | 75% | 12% | 86% | 13% | |
| d. Social Events | 33% | 67% | 26% | 74% | 7% | |
| e. Professional Development | 42% | 58% | 43% | 55% | -1% | |
| f. Academic Specific Programs | 37% | 63% | 40% | 59% | -3% | |
| g. Fundraising Events | 13% | 87% | 9% | 91% | 5% | |
| h. Alumni Travel Opportunities | 29% | 71% | 33% | 67% | -4% | |
| i. Family/Children Oriented Events | 29% | 71% | 14% | 86% | 15% | |
| j. Regional Network Events | 33% | 67% | 26% | 74% | 7% | |
| k. Educational Lectures | 44% | 56% | 34% | 66% | 10% | |
| l. Athletic Events | 33% | 67% | 24% | 76% | 9% | |
| m. Performing Arts Programs | 25% | 51% | 33% | 102% | -8% | |

12. What are your approximate, yearly, pre-tax, earnings?

| | 1st Gen n=52 | ≥2 Gen n=58 | Difference | Data Bars -0.5 to 0.5 |
|----------------------------------|------------------|------------------|------------|--------------------------|
| less than \$20,000 annually | 21% | 22% | -1% | |
| \$20,000 to \$39,999 | 44% | 41% | 3% | |
| \$40,000 to \$59,999 | 21% | 12% | 9% | |
| \$60,000 to \$79,999 | 12% | 12% | -1% | |
| \$80,000 to \$99,999 | 0% | 7% | -7% | |
| \$100,000 or over | 2% | 2% | 0% | |
| Did not answer | 0% | 3% | -3% | |
| Total | 100% | 100% | | |
| Estimated Annual Earnings | \$ 36,000 | \$ 37,000 | | |

VI. UNDERGRADUATE ALUMNI SURVEY RESPONSES BY STUDENTS WITH DIRECT TRANSFER AGREEMENT (DTA) vs. ALL OTHER STUDENTS

Forty-nine respondents were from students with Direct Transfer Agreements, 61 responses were from “Non-DTA” students, i.e., first time students or students who transferred into CWU without Direct Transfer Agreements (DTA).

Note: All p-value calculations in this section are two-tailed t-tests assuming unequal variances. The null hypothesis is that male and female averages are the same. P-values that are significant at 0.10 are bolded.

1. Which of the following best describes your current primary status?

| | DTA 49 replies | Non-DTA 61 replies | Difference |
|---|-------------------|-----------------------|-------------|
| Employed for pay full time | 51% | 66% | -15% |
| Employed for pay part time | 14% | 10% | 4% |
| Participating in a volunteer or service program | 0% | 0% | 0% |
| Serving in the military | 2% | 2% | 0% |
| Enrolled in a program of continuing education | 10% | 15% | -5% |
| Planning to continue education but not yet enrolled | 2% | 0% | 2% |
| Seeking employment | 6% | 3% | 3% |
| Not seeking employment or further education | 0% | 0% | 0% |
| Other (please describe) | 14% | 5% | 9% |
| Total Responses | 100% | 100% | |

4. How important are each of the following competencies to your career?

| | DTA average | Non-DTA average | P-value | DTA median | Non-DTA median | Difference in medians |
|---|-------------|-----------------|-------------|-------------|----------------|-----------------------|
| a. Thinking critically - check your and others' assumptions; consider multiple perspectives from various sources, etc. | 4.49 | 4.52 | 0.69 | 5.00 | 5.0 | 0.0 |
| b. Written communications – purpose, organization, development, mechanics | 4.27 | 4.50 | 0.07 | 4.00 | 5.0 | -1.0 |
| c. Oral communications – vocal delivery, gestures, eye contact, good listening | 4.63 | 4.57 | 0.48 | 5.00 | 5.0 | 0.0 |
| d. Quantitative reasoning - apply quantitative tools and computer skills to solve problems; comprehend symbolic representations | 4.04 | 3.93 | 0.57 | 4.00 | 4.0 | 0.0 |
| e. Information literacy - critically evaluate data sources as you gather relevant information | 4.33 | 4.23 | 0.68 | 4.50 | 5.0 | -0.5 |

5. How strongly do you agree or disagree that CWU prepared you for each of these competencies?

| | DTA average | Non-DTA average | P-value | DTA median | Non-DTA median | Difference in medians |
|---|-------------|-----------------|-------------|-------------|----------------|-----------------------|
| a. Thinking critically - check your and others' assumptions; consider multiple perspectives from various sources, etc. | 4.18 | 3.92 | 0.16 | 4.0 | 4.0 | 0.0 |
| b. Written communications – purpose, organization, development, mechanics | 4.24 | 3.87 | 0.04 | 4.00 | 4.0 | 0.0 |
| c. Oral communications – vocal delivery, gestures, eye contact, good listening (3) | 4.06 | 3.69 | 0.06 | 4.00 | 4.0 | 0.0 |
| d. Quantitative reasoning - apply quantitative tools and computer skills to solve problems; comprehend symbolic representations (4) | 3.92 | 3.66 | 0.25 | 4.00 | 4.0 | 0.0 |
| e. Information literacy - critically evaluate data sources as you gather relevant information (5) | 4.25 | 3.82 | 0.02 | 5.00 | 4.0 | 1.0 |

6. How much did your coursework at CWU emphasize the following? (This question had a four-point scale, from “Very much” to “Very little”).

| | DTA average | Non-DTA average | P-value | DTA median | Non-DTA median | Difference in medians |
|--|-------------|-----------------|---------|------------|----------------|-----------------------|
| Recognize your own cultural norms and biases (1) | 2.83 | 2.52 | 0.12 | 3.0 | 3.0 | 0.0 |
| Explore your own background through projects, assignments, or programs (2) | 2.38 | 2.28 | 0.58 | 2.0 | 2.0 | 0.0 |

7. These next few questions relate to CWU's Mission and General Education goals. How strongly do you agree or disagree that your education from CWU helped you...?

| | DTA average | Non-DTA average | P-value | DTA median | Non-DTA median | Difference in medians |
|---|-------------|-----------------|---------|------------|----------------|-----------------------|
| a. become a responsible citizen. | 3.86 | 3.73 | 0.64 | 4.0 | 4.0 | 0.0 |
| b. become a productive and enlightened (informed, good learner, insightful) individual. | 4.24 | 3.95 | 0.10 | 4.0 | 4.0 | 0.0 |
| c. respect diversity of background, experience and belief, and value the different perspectives that this diversity brings. | 4.12 | 3.92 | 0.23 | 4.0 | 4.0 | 0.0 |
| d. master the basic principles of logical, mathematical, and scientific reasoning. | 3.82 | 3.82 | 0.78 | 4.0 | 4.0 | 0.0 |
| e. achieve fluency in reading, writing, oral communication, and information technology. | 4.06 | 3.95 | 0.63 | 4.0 | 4.0 | 0.0 |
| f. appreciate the breadth and depth of scientific and human knowledge | 3.90 | 3.89 | 0.96 | 4.0 | 4.0 | 0.0 |
| g. develop a sense of the interconnectedness of knowledge. | 3.94 | 3.84 | 0.46 | 4.0 | 4.0 | 0.0 |
| h. integrate knowledge from diverse fields of study in order to solve real world problems. | 3.80 | 3.75 | 0.71 | 4.0 | 4.0 | 0.0 |
| i. become aware of the manifold ways that knowledge evolves. | 3.78 | 3.61 | 0.38 | 4.0 | 4.0 | 0.0 |
| j. develop a disposition to ask incisive and insightful questions. | 3.98 | 3.84 | 0.42 | 4.0 | 4.0 | 0.0 |

8. Please select the response that best describes your opinion about your education at CWU.

| | DTA average | Non-DTA average | P-value | DTA median | Non-DTA median | Difference in medians |
|---|-------------|-----------------|---------|------------|----------------|-----------------------|
| a. I am very satisfied with my education from Central Washington University. | 4.27 | 3.97 | 0.16 | 4.0 | 4.0 | 0.0 |
| b. The curriculum provided useful perspectives on critical issues facing my profession. | 4.27 | 3.92 | 0.09 | 4.0 | 4.0 | 0.0 |

9. Why did you choose to attend CWU for your undergraduate degree? Please select all that apply.

Differences of ± 10% or more are highlighted.

| | DTA | Non-DTA | Difference | Data Bars |
|-----------------------|------------|------------|-------------|----------------|
| | | | | -0.25 to +0.25 |
| Campus size | 31% | 46% | -15% | |
| Student/faculty ratio | 47% | 44% | 3% | |
| Location of campus | 59% | 62% | -3% | |
| Cost | 71% | 67% | 4% | |
| Legacy/Tradition | 12% | 8% | 4% | |
| Program | 65% | 44% | 21% | |
| Friends attended | 18% | 20% | -1% | |
| Academic reputation | 24% | 13% | 11% | |
| Help get job | 18% | 8% | 10% | |
| Other | 12% | 13% | -1% | |

10. How likely are you as an alum to do the following?

| | DTA | | Non-DTA | | Likely Difference | Sparklines |
|--|------------|------------|------------|------------|-------------------|------------|
| | Likely | Not likely | Likely | Not likely | | |
| a. Mentor CWU students | 59% | 41% | 52% | 46% | 7% | |
| b. Identify job opportunities for fellow CWU graduates | 55% | 45% | 62% | 38% | -7% | |
| c. Attend local Alumni Association Events | 24% | 76% | 28% | 70% | -3% | |
| d. Read the monthly Alumni E-Newsletter | 31% | 69% | 30% | 70% | 1% | |
| e. Read the Central Connections Magazine | 22% | 78% | 16% | 84% | 6% | |
| f. Promote CWU to others | 88% | 12% | 79% | 18% | 9% | |
| g. Network with other Alumni | 47% | 53% | 64% | 36% | -17% | |
| h. Visit the CWU website | 65% | 35% | 62% | 38% | 3% | |
| i. Use a printed or online alumni directory | 24% | 76% | 21% | 79% | 3% | |
| j. Provide leadership by serving on boards, committees, advisory | 31% | 69% | 34% | 64% | -4% | |
| k. Give to Scholarships or Programs | 24% | 76% | 21% | 79% | 3% | |
| l. Attend or volunteer for general Alumni and University events | 35% | 65% | 26% | 74% | 8% | |

Note: Sparklines are small bar charts that graph the percent responses of DTA and Non-DTA students. See Edward Tufte, "Beautiful Evidence," 46-63.

11. How likely are you as an alum to attend the following events?

| | DTA | | Non-DTA | | Likely Difference | Sparklines |
|---|------------|------------|------------|------------|-------------------|------------|
| | Likely | Not likely | Likely | Not likely | | |
| a. Networking | 39% | 61% | 41% | 59% | -2% | |
| b. Young Alumni | 18% | 80% | 30% | 70% | -11% | |
| c. Homecoming Weekend | 10% | 88% | 25% | 75% | -14% | |
| d. Social Events | 29% | 71% | 30% | 70% | -1% | |
| e. Professional Development | 47% | 53% | 39% | 59% | 8% | |
| f. Academic Specific Programs | 41% | 59% | 36% | 62% | 5% | |
| g. Fundraising Events | 14% | 86% | 8% | 92% | 6% | |
| h. Alumni Travel Opportunities | 29% | 71% | 33% | 67% | -4% | |
| i. Family/Children Oriented Events | 29% | 71% | 15% | 85% | 14% | |
| j. Regional Network Events | 39% | 61% | 21% | 79% | 17% | |
| k. Educational Lectures | 49% | 51% | 31% | 69% | 18% | |
| l. Athletic Events | 22% | 78% | 33% | 67% | -10% | |
| m. Performing Arts Programs | 24% | 76% | 31% | 67% | -7% | |

Note: Sparklines are small bar charts that graph the percent responses of DTA and Non-DTA students. See Edward Tufte, "Beautiful Evidence," 46-63.

12. What are your approximate, yearly, pre-tax, earnings?

| | DTA | Non-DTA | Difference | Data Bars |
|----------------------------------|------------------|------------------|------------|---------------|
| | n=49 | n=61 | | -0.25 to 0.25 |
| less than \$20,000 annually | 16% | 26% | -10% | |
| \$20,000 to \$39,999 | 53% | 34% | 19% | |
| \$40,000 to \$59,999 | 14% | 18% | -4% | |
| \$60,000 to \$79,999 | 10% | 13% | -3% | |
| \$80,000 to \$99,999 | 2% | 5% | -3% | |
| \$100,000 or over | 2% | 2% | 0% | |
| Did not answer | 2% | 2% | 0% | |
| Total | 100% | 100% | | |
| Estimated Annual Earnings | \$ 36,000 | \$ 37,000 | | |

VII. UNDERGRADUATE ALUMNI SURVEY RESPONSES BY ALUMS WITH WHO QUALIFIED FOR PELL GRANTS vs. THOSE WHO DIDN'T

Sixty-three respondents were from alums who qualified for Pell grants (Pell) while 47 responses were from alums who were not Pell eligible (Not Pell).

Note: All p-value calculations in this section are two-tailed t-tests assuming unequal variances. The null hypothesis is that the average responses are the same. P-values that are significant at 0.10 or less are bolded.

1. Which of the following best describes your current primary status.

| | Pell 63 replies | Not Pell 47 replies | Difference |
|--|--------------------|------------------------|-------------|
| Employed for pay full time | 54% | 66% | -12% |
| Employed for pay part time | 14% | 9% | 6% |
| Participating in a volunteer or service program | 0% | 0% | 0% |
| Serving in the military | 0% | 4% | -4% |
| Enrolled in a program of continuing education | 21% | 2% | 19% |
| Planning to continue education but not yet enrolled | 0% | 2% | -2% |
| Seeking employment | 5% | 4% | 1% |
| Not seeking employment or further education | 0% | 0% | 0% |
| Other (please describe) | 6% | 13% | -6% |
| Total Responses | 100% | 100% | |

Note: it seems counter-intuitive that many more students who qualified for Pell Grants were enrolled in a program of continuing education.

4. How important are each of the following competencies to your career?

| | Pell average | Not Pell average | P-value | Pell median | Not Pell median | Difference in medians |
|---|--------------|------------------|---------|-------------|-----------------|-----------------------|
| a. Thinking critically - check your and others' assumptions; consider multiple perspectives from various sources, etc. | 4.44 | 4.60 | 0.15 | 4.50 | 5.00 | -0.50 |
| b. Written communications – purpose, organization, development, mechanics | 4.42 | 4.36 | 0.69 | 5.00 | 5.00 | 0.00 |
| c. Oral communications – vocal delivery, gestures, eye contact, good listening | 4.55 | 4.66 | 0.35 | 5.00 | 5.00 | 0.00 |
| d. Quantitative reasoning - apply quantitative tools and computer skills to solve problems; comprehend symbolic representations | 4.05 | 3.89 | 0.43 | 4.00 | 4.00 | 0.00 |
| e. Information literacy - critically evaluate data sources as you gather relevant information | 4.29 | 4.26 | 0.83 | 5.00 | 4.00 | 1.00 |

5. How strongly do you agree or disagree that CWU prepared you for each of these competencies.

| | Pell average | Not Pell average | P-value | Pell median | Not Pell median | Difference in medians |
|---|--------------|------------------|---------|-------------|-----------------|-----------------------|
| a. Thinking critically - check your and others' assumptions; consider multiple perspectives from various sources, etc. | 4.05 | 4.02 | 0.87 | 4.0 | 4.0 | 0.0 |
| b. Written communications – purpose, organization, development, mechanics | 4.05 | 4.02 | 0.88 | 4.0 | 4.0 | 0.0 |
| c. Oral communications – vocal delivery, gestures, eye contact, good listening (3) | 3.90 | 3.79 | 0.52 | 4.0 | 4.0 | 0.0 |
| d. Quantitative reasoning - apply quantitative tools and computer skills to solve problems; comprehend symbolic representations (4) | 3.81 | 3.72 | 0.65 | 4.0 | 4.0 | 0.0 |
| e. Information literacy - critically evaluate data sources as you gather relevant information (5) | 4.08 | 3.91 | 0.34 | 4.0 | 4.0 | 0.0 |

6. How much did your coursework at CWU emphasize the following? (This question had a four-point scale, from “Very much” to “Very little”).

| | Pell average | Not Pell average | P-value | Pell median | Not Pell median | Difference in medians |
|--|--------------|------------------|---------|-------------|-----------------|-----------------------|
| Recognize your own cultural norms and biases (1) | 2.70 | 2.61 | 0.64 | 3.0 | 3.0 | 0.0 |
| Explore your own background through projects, assignments, or programs (2) | 2.35 | 2.28 | 0.74 | 2.0 | 2.0 | 0.0 |

7. These next few questions relate to CWU's Mission and General Education goals. How strongly do you agree or disagree that your education from CWU helped you...?

| | Pell average | Not Pell average | P-value | Pell median | Not Pell median | Difference in medians |
|---|--------------|------------------|---------|-------------|-----------------|-----------------------|
| a. become a responsible citizen. | 3.85 | 3.70 | 0.38 | 4.0 | 4.0 | 0.0 |
| b. become a productive and enlightened (informed, good learner, insightful) individual. | 4.10 | 4.06 | 0.85 | 4.0 | 4.0 | 0.0 |
| c. respect diversity of background, experience and belief, and value the different perspectives that this diversity brings. | 4.06 | 3.94 | 0.47 | 4.0 | 4.0 | 0.0 |
| d. master the basic principles of logical, mathematical, and scientific reasoning. | 3.76 | 3.89 | 0.42 | 4.0 | 4.0 | 0.0 |
| e. achieve fluency in reading, writing, oral communication, and information technology. | 4.06 | 3.91 | 0.34 | 4.0 | 4.0 | 0.0 |
| f. appreciate the breadth and depth of scientific and human knowledge | 3.90 | 3.87 | 0.85 | 4.0 | 4.0 | 0.0 |
| g. develop a sense of the interconnectedness of knowledge. | 3.95 | 3.79 | 0.35 | 4.0 | 4.0 | 0.0 |
| h. integrate knowledge from diverse fields of study in order to solve real world problems. | 3.83 | 3.70 | 0.51 | 4.0 | 4.0 | 0.0 |
| i. become aware of the manifold ways that knowledge evolves. | 3.62 | 3.77 | 0.40 | 4.0 | 4.0 | 0.0 |
| j. develop a disposition to ask incisive and insightful questions. | 3.87 | 3.94 | 0.72 | 4.0 | 4.0 | 0.0 |

8. Please select the response that best describes your opinion about your education at CWU.

| | Pell average | Not Pell average | P-value | Pell median | Not Pell median | Difference in medians |
|---|--------------|------------------|---------|-------------|-----------------|-----------------------|
| a. I am very satisfied with my education from Central Washington University. | 4.13 | 4.06 | 0.75 | 4.0 | 4.0 | 0.0 |
| b. The curriculum provided useful perspectives on critical issues facing my profession. | 4.08 | 4.06 | 0.94 | 4.0 | 4.0 | 0.0 |

9. Why did you choose to attend CWU for your undergraduate degree? Please select all that apply.

Differences of $\pm 10\%$ or more are highlighted.

| | Pell n=63 | Not Pell n=47 | Difference | Data Bars ± 0.25 |
|---|--------------|------------------|------------|-------------------------|
| Campus size | 44% | 32% | 13% | |
| Student/faculty ratio | 43% | 49% | -6% | |
| Location of campus | 65% | 55% | 10% | |
| Cost | 68% | 70% | -2% | |
| Legacy (tradition, other family members attended) | 6% | 15% | -9% | |
| Program | 52% | 55% | -3% | |
| Friends attended | 19% | 19% | 0% | |
| Academic reputation | 19% | 17% | 2% | |
| Likelihood of obtaining a job after you graduate | 10% | 17% | -7% | |
| Other (please describe) | 13% | 13% | 0% | |

10. How likely are you as an alum to do the following?

| | Pell | | Not Pell | | Likely Difference | Sparklines 0% to 100% |
|---|------------|------------|------------|------------|-------------------|--------------------------|
| | Likely | Not Likely | Likely | Not Likely | | |
| a. Mentor CWU students | 57% | 41% | 53% | 47% | 4% | |
| b. Identify job opportunities for fellow CWU graduates | 60% | 40% | 57% | 43% | 3% | |
| c. Attend local Alumni Association Events | 32% | 68% | 19% | 79% | 13% | |
| d. Read the monthly Alumni E-Newsletter | 32% | 68% | 28% | 72% | 4% | |
| e. Read the Central Connections Magazine | 22% | 78% | 15% | 85% | 7% | |
| f. Promote CWU to others | 84% | 13% | 81% | 19% | 3% | |
| g. Network with other Alumni | 56% | 44% | 57% | 43% | -2% | |
| h. Visit the CWU website | 68% | 32% | 57% | 43% | 11% | |
| i. Use a printed or online alumni directory | 24% | 76% | 21% | 79% | 3% | |
| j. Provide leadership by serving on boards... | 41% | 59% | 21% | 77% | 20% | |
| k. Give to Scholarships or Programs | 22% | 78% | 23% | 77% | -1% | |
| l. Attend or volunteer for general Alumni ... events | 35% | 65% | 23% | 77% | 12% | |
| m. Visit CWU Alumni LinkedIn and Facebook pages | 52% | 48% | 49% | 51% | 3% | |

Note: Sparklines are small bar charts that graph the percent responses of DTA and Non-DTA students. See Edward Tufte, "Beautiful Evidence," 46-63.

11. How likely are you as an alum to attend the following events?

| | Pell | | Not Pell | | Likely Difference | Sparklines 0% to 100% |
|---|------------|------------|------------|------------|-------------------|--------------------------|
| | Likely | Not Likely | Likely | Not Likely | | |
| a. Networking | 38% | 62% | 43% | 57% | -4% | |
| b. Young Alumni | 25% | 75% | 23% | 74% | 2% | |
| c. Homecoming Weekend | 19% | 81% | 17% | 81% | 2% | |
| d. Social Events | 30% | 70% | 28% | 72% | 2% | |
| e. Professional Development | 48% | 51% | 36% | 64% | 11% | |
| f. Academic Specific Programs | 40% | 60% | 36% | 62% | 4% | |
| g. Fundraising Events | 11% | 89% | 11% | 89% | 0% | |
| h. Alumni Travel Opportunities | 30% | 70% | 32% | 68% | -2% | |
| i. Family/Children Oriented Events | 29% | 71% | 11% | 89% | 18% | |
| j. Regional Network Events | 30% | 70% | 28% | 72% | 2% | |
| k. Educational Lectures | 40% | 60% | 38% | 62% | 1% | |
| l. Athletic Events | 24% | 76% | 34% | 66% | -10% | |
| m. Performing Arts Programs | 33% | 67% | 21% | 77% | 12% | |

Note: Sparklines are small bar charts that graph the percent responses of DTA and Non-DTA students. See Edward Tufte, "Beautiful Evidence," 46-63.

12. What are your approximate, yearly, pre-tax, earnings?

| | Pell n=63 | Not Pell n=47 | Difference | Data Bars | |
|----------------------------------|------------------|------------------|------------|---------------|--|
| | | | | -0.25 to 0.25 | |
| less than \$20,000 annually | 32% | 9% | 23% | | |
| \$20,000 to \$39,999 | 40% | 47% | -7% | | |
| \$40,000 to \$59,999 | 13% | 21% | -9% | | |
| \$60,000 to \$79,999 | 13% | 11% | 2% | | |
| \$80,000 to \$99,999 | 0% | 9% | -9% | | |
| \$100,000 or over | 2% | 2% | -1% | | |
| Did not answer | 2% | 2% | -1% | | |
| Total | 100% | 100% | | | |
| Estimated Annual Earnings | \$ 32,000 | \$ 43,000 | | | |

Note: The difference in earnings may be due to the large difference in the number who are “Enrolled in a program of continuing education.” It was 21% for alums who qualified for Pell Grants vs. 2% for alums who did not qualify for Pell Grants. See question 1 in this section.

APPENDIX 1

**2. If you are working would you please tell us your job title and the organization you work for?
If you are a graduate student, would you please tell us where are enrolled and what degree you are pursuing?**

| |
|--|
| Customer service representative at Costco. Com |
| 5th grade teacher, Cascade Christian Schools |
| Active Duty Army, Second Lieutenant, Battalion Chemical Officer |
| Administration/Receptionist for Novitex/Exela at Microsoft |
| Administrative assistant |
| Advising Assistant, College of Business, Central Washington University |
| Advocacy & Strategic Initiatives Coordinator, Greater Spokane Valley Chamber of Commerce |
| Aircraft Maintenance Officer in the United States Air Force (rank= Second Lieutenant) |
| American Medical Response, Emergency Medical Tech. |
| Assistant Controller, North Cascade Building Materials, Inc. |
| Assistant Language Teacher, from the JET Program but employed by the Kobe City Board of Education. |
| Business Development Specialist Associate at Arthur J. Gallagher & Co. Insurance Brokers of CA |
| Care Coordinator at Comprehensive Life Resources. |
| Case Manager: MHMR Mental Health Mental Retardation |
| Central Washington University ITAM Master's program specializing in Administrative Management |
| Central Washington University, Athletic Administration |
| Central Washington University, MS Engineering Technology Systems |
| Charleston School of Law, pursuing J.D. |
| Chemical Dependency professional Merit Resources Services |
| Choir teacher at Ridgeline Middle School in Yelm Washington |
| Choir teacher at Ridgeline Middle School in Yelm Washington |
| Claims Adjuster at Liberty Mutual insurance |
| Commercial Janitor at Fresh Start Cleaning |
| Court Education Specialist, State of WA Administrative Office of the Courts |
| CSSII, Central Washington University |
| Customer Sales and Service Representative |
| Consolidated Communications |
| Delivery Assitant |
| Department of Navy, HR Specialist |
| Enrolled as a graduate student at University of Washington pursuing a Master of Library and Information Science and working full time as a receptionist for a state institution. |
| Executive Assistant |
| Eastside Vocational Services |
| Fiscal Technician III for Kittitas County Treasurer's Office. |
| Flight paramedic for MedStar transport |
| I am a safety, health, and environmental engineer for Howard S Wright Construction in Seattle |
| I am a specialty food and beverage coordinator for the Walt Disney Company at Disney's Animal Kingdom |

| |
|--|
| I am a substitute teacher for Vancouver school district and work part time at Olive Garden as a hostess. |
| I am an academic advisor & retention specialist for CAMP at Heritage University. |
| I am an Intern at Wild Horse Wind and Solar Facility |
| I am currently a Licensed Relationship Banker with Chase Bank. |
| I am currently a Physical Education and health teacher in Yelm Community Schools. |
| I am currently working as a cook for a Italian restaurant while I am working on getting a teachers certification. I also am volunteering coaching youth sports (golf, soccer, and basketball.) |
| I am enrolled a team PNWU-COM and pursuing my medical degree. |
| I am enrolled as a graduate student with CWU Biology (MS Thesis track) |
| I am enrolled at Seattle University pursuing a masters in public administration. I work part time at a fast food restaurant as a cashier, and also at the Community and Family Services foundation as a case aide. |
| I am enrolled at USC in the MSW program with military social work track. |
| I am enrolled here at Central Washington University in a graduate program for Information Technology Administrative Management |
| I am pursuing a Masters in Sociology at Arizona State University |
| I am working for Columbia Basin health Association as a Case manager for OB moms, and as a Parent educator for babys ages 0 to 5 years old. |
| I had a link to where I work, but I forgot to include it. |
| I work as a diet assistant at Providence Regional Medical Center Everett. |
| I work for a temp agency and my current position is an accounts payable position |
| I work for Hubbard Radio |
| I work help as well as learn the family businesses, therefore, I am more like co-owner, and the business are in construction and finance institutions that newly we opened. |
| Im a page and Senior Branch Assistant Sub at the Pierce County Library System |
| I'm currently enrolled in Lindenwood University's MFA program. |
| Information Assurance Engineer at Lockheed Martin |
| Intake and outreach specialist for Entrust Community Services |
| Inventory Control Specialist at Costco Wholesale. |
| LE Dispatch |
| Legal Office Assistant at the Washington State Attorney General's Office. |
| Marketing Associate in the health and supplements industry. |
| Marketing Manager for Drain-Pro Inc. |
| Medical Scribe, Kittitas Valley Healthcare |
| Member service at the YMCA |
| Mental health tech at Multicare |
| Military Adviser for City University |
| Museum Assistant at the Kittitas County Historical Museum |
| My job title is a Behavior Specialist and I worked for Communtiy Care in West Seattle. |
| N/A still seeking employment |
| Nanny Associate of Nursing WVC |
| Northwest Medical Physics Center Applied Physics Technologist |
| Office Supervisor/Administrative Assistant/Dispatcher/Trainer for Scenic Bound Tours, Inc. |
| On-Site wellness coach coordinator at Boeing (contracted through WebMD) |

| |
|---|
| Ordering Specialist, FEMA Reserves |
| Owner - Working for myself, helping businesses get organized and started in the right direction. |
| produce clerk Fred Meyer |
| Product Support |
| Program Leader, Social Security Administration |
| Project Engineer at Oak Hills Construction |
| Project Engineer, Engineered Structures Inc. |
| Purchasing Agent |
| Pursuing a Master's of Science in Law and Justice at Central Washington University. |
| Pursuing an MS of Forestry and a graduate certificate in statistics at Northern Arizona University. |
| Research Technician for University of Oklahoma Stephenson Cancer Center |
| Retail Associate |
| Safety Engineer. Mortenson Construction |
| Software Developer at DocuSign |
| Software engineer Arris |
| Substitute teacher at North Thurston School District, and cook at Smitty's In & Out. |
| Sunnyside School District Special Education Teacher |
| Swim Instructor at ProSports Club, Bellevue. Will be enrolled in the Mental Health Counseling program at CWU Fall Quarter |
| Tax Accountant, SweeneyConrad PS |
| Teacher - Yakima school district |
| Teacher at north bend elementary school |
| Teacher within Wapato School District Wapato, Washington. |
| I am the founder and CEO of Meda Nova. I will be reviving my Masters degree from Western Governors University at the end of April. My degree will be a Master of Science in Management and Leadership. |
| Universal Banker at U.S. Bank. |
| University of Oklahoma Master of Music in Trumpet Performance |
| Vocational Rehabilitation Counselor |
| Warehouse Clerk soon to move into supervisor position for Johnston Supply. |
| WGU. Masters of Science in Accounting |
| WISe Care Coordinator-Behavioral Health Services Masters of Social Work - Eastern Washington University |

APPENDIX 2 – Where do you live?

| Home | Count |
|---------------------------|-------|
| Athens, GA | 1 |
| Auburn, WA | 3 |
| Blenheim New Zealand | 1 |
| Boise, ID | 1 |
| Bonney Lake, WA | 1 |
| Bothell WA | 1 |
| Charleston, SC | 1 |
| Covington, Wa | 2 |
| Denver, CO | 1 |
| Des Moines, WA | 1 |
| DuPont, WA | 1 |
| Eglin Air Force Base, FL | 1 |
| El Paso, TX | 1 |
| Ellensburg WA | 4 |
| Ellensburg WA | 1 |
| Ellensburg, WA | 9 |
| Ellensburg, WA | 1 |
| Ellensburg,WA | 1 |
| Everett, WA | 1 |
| Everett, Washington | 1 |
| Flagstaff Arizona | 1 |
| Fox Island, wa | 1 |
| Granger, WA | 1 |
| Issaquah, wa | 1 |
| Jakarta, Indonesia | 1 |
| Kent, WA | 1 |
| Kirkland, WA | 2 |
| Kobe, Japan | 1 |
| Lacey, WA | 3 |
| Lake Buena Vista, Florida | 1 |
| Lakewood, WA | 3 |
| Limon, Costa Rica | 1 |
| Lynnwood, WA | 1 |
| Maple Valley, WA | 1 |
| Norman, Oklahoma | 1 |

| Home | Count |
|--------------------------|------------|
| Oklahoma City, OK | 1 |
| Olympia, WA | 2 |
| Othello Washington | 1 |
| Phoenix, AZ | 1 |
| Port Orchard, WA | 1 |
| Portland, OR | 1 |
| Pullman, WA | 1 |
| Puyallup, WA | 4 |
| Reardan, wa | 1 |
| Renton, WA | 2 |
| San Francisco, CA | 1 |
| Seattle Washington | 1 |
| Seattle, WA | 3 |
| Selah, WA | 2 |
| Sequim, WA | 1 |
| Spokane WA | 1 |
| Spokane, WA | 2 |
| Stanwood, WA | 1 |
| Sumner Wa | 1 |
| Sunnyside, WA | 1 |
| Tacoma WA | 1 |
| Tacoma, WA | 3 |
| Tacoma, WA. | 1 |
| Tacoma,wa | 1 |
| Tri-Cities (Finley) | 1 |
| Tumwater, WA | 1 |
| Union gap, Washington | 1 |
| Vancouver, WA | 1 |
| Waco Texas | 1 |
| Washington DC | 1 |
| Wenatchee WA | 1 |
| Wiener Neustadt, Austria | 1 |
| Woodinville Washington | 1 |
| Yakima WA | 8 |
| Yelm, WA | 2 |
| Grand Total | 108 |

APPENDIX 3

MOCK-UP OF THE 2016/2017 ALUMNI SURVEY

Hello,

I am writing today to invite your feedback as a graduate of Central Washington University. Your feedback will help inform our ongoing efforts to improve the student experience of all students at CWU. Please take a few minutes to provide some important information about your current activities in addition to your educational experience at Central. Your feedback will be completely confidential and aid in understanding how students benefit from their experience at CWU.

Thank you for your time and thoughtful response.

Dr. James L. Gaudino President, Central Washington University
accommodation e-mail: DS@cwu.edu.

CWU is an AA/EEO/Title IX For

1. Which of the following BEST describes your current PRIMARY status?

- Employed for pay full time (on average 30 hours or more per week) (1)
- Employed for pay part time (on average fewer than 30 hours per week) (2)
- Participating in a volunteer or service program (e.g., Peace Corps) (3)
- Serving in the military (4)
- Enrolled in a program of continuing education (5)
- Planning to continue education but not yet enrolled (6)
- Seeking employment (7)
- Not seeking employment or further education (8)
- Other (please describe) (9) _____

2. If you are working would you please tell us your job title and the organization you work for?

If you are a graduate student, would you please tell us where are enrolled and what degree you are pursuing?

3. Where do you live (nearest city and state)?



4. How important are each of the following competencies to your career?

| | Critical (5) | Very important (4) | Somewhat important (3) | Not important (2) | Not at all important (1) |
|---|-----------------------|-----------------------|------------------------|-----------------------|--------------------------|
| a. Thinking critically - check your and others' assumptions; consider multiple perspectives from various sources, etc. | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. Written communications – purpose, organization, development, mechanics (2) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. Oral communications – vocal delivery, gestures, eye contact, good listening (3) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. Quantitative reasoning - apply quantitative tools and computer skills to solve problems; comprehend symbolic representations (4) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| e. Information literacy - critically evaluate data sources as you gather relevant information (5) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

5. How strongly to you agree or disagree that CWU prepared you for each of these competencies?

| | Strongly agree (5) | Agree (4) | Somewhat agree (3) | Disagree (2) | Strongly disagree (1) |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| a. Thinking critically - check your and others' assumptions; consider multiple perspectives from various sources, etc. (1) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. Written communications – purpose, organization, development, mechanics (2) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. Oral communications – vocal delivery, gestures, eye contact, good listening (3) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. Quantitative reasoning - apply quantitative tools and computer skills to solve problems; comprehend symbolic representations (4) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| e. Information literacy - critically evaluate data sources as you gather relevant information (5) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

6. How much did your coursework at CWU emphasize the following?

| | Very much (4) | Quite a bit (3) | Some (2) | Very little (1) |
|--|-----------------------|-----------------------|-----------------------|-----------------------|
| Recognize your own cultural norms and biases (1) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| Explore your own background through projects, assignments, or programs (2) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

7. These next few questions relate to CWU's Mission and General Education goals. How strongly do you agree or disagree that your education from CWU helped you...?

| | Strongly agree (5) | Agree (4) | Neither agree nor disagree (3) | Disagree (2) | Strongly disagree (1) |
|---|-----------------------|-----------------------|--------------------------------|-----------------------|-----------------------|
| a. become a responsible citizen. (1) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. become a productive and enlightened (informed, good learner, insightful) individual. (3) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| c. respect diversity of background, experience and belief, and value the different perspectives that this diversity brings. (4) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| d. master the basic principles of logical, mathematical, and scientific reasoning. (13) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| e. achieve fluency in reading, writing, oral communication, and information technology. (12) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| f. appreciate the breadth and depth of scientific and human knowledge. (5) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| g. develop a sense of the inter-connectedness of knowledge. (6) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| h. integrate knowledge from diverse fields of study in order to solve real world problems. (8) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| i. become aware of the manifold ways that knowledge evolves. (9) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| j. develop a disposition to ask incisive and insightful questions. (11) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |

8. Please select the response that best describes your opinion about your education at CWU.

| | Strongly agree (5) | Agree (4) | Neither agree nor disagree (3) | Disagree (2) | Strongly disagree (1) |
|---|-----------------------|-----------------------|--------------------------------|-----------------------|-----------------------|
| a. I am very satisfied with my education from Central Washington University. (1) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |
| b. The curriculum provided useful perspectives on critical issues facing my profession. (2) | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> |



9. Why did you choose to attend CWU for your undergraduate degree? Please select all that apply.

- Campus size (1)
- Student/faculty ratio (2)
- Location of campus (3)
- Cost (4)
- Legacy (tradition, other family members attended) (5)
- Program (6)
- Friends attended (7)
- Academic reputation (8)
- Likelihood of obtaining a job after you graduate (9)
- Other (please describe) (10) _____

10. How likely are you as an alum to do the following?

| | Likely (2) | Not likely (1) |
|---|-----------------------|-----------------------|
| a. Mentor CWU students (Q10_a) | <input type="radio"/> | <input type="radio"/> |
| b. Identify job opportunities for fellow CWU graduates (Q10_b) | <input type="radio"/> | <input type="radio"/> |
| c. Attend local Alumni Association Events (Q10_c) | <input type="radio"/> | <input type="radio"/> |
| d. Read the monthly Alumni E-Newsletter (Q10_d) | <input type="radio"/> | <input type="radio"/> |
| e. Read the Central Connections Magazine (Q10_e) | <input type="radio"/> | <input type="radio"/> |
| f. Promote CWU to others (Q10_f) | <input type="radio"/> | <input type="radio"/> |
| g. Network with other Alumni (Q10_g) | <input type="radio"/> | <input type="radio"/> |
| h. Visit the CWU website (Q10_h) | <input type="radio"/> | <input type="radio"/> |
| i. Use a printed or online alumni directory (Q10_i) | <input type="radio"/> | <input type="radio"/> |
| j. Provide leadership by serving on boards, committees, advisory boards, etc. (Q10_j) | <input type="radio"/> | <input type="radio"/> |
| k. Give to Scholarships or Programs (Q10_k) | <input type="radio"/> | <input type="radio"/> |
| l. Attend or volunteer for general Alumni and University events (Q10_l) | <input type="radio"/> | <input type="radio"/> |
| m. Visit CWU Alumni LinkedIn and Facebook pages (Q10_m) | <input type="radio"/> | <input type="radio"/> |

11. How likely are you as an alum to attend the following events?

| | Likely (2) | Not likely (1) |
|--|-----------------------|-----------------------|
| a. Networking (Q11_a) | <input type="radio"/> | <input type="radio"/> |
| b. Young Alumni (Q11_b) | <input type="radio"/> | <input type="radio"/> |
| c. Homecoming Weekend (Q11_c) | <input type="radio"/> | <input type="radio"/> |
| d. Social Events (Q11_d) | <input type="radio"/> | <input type="radio"/> |
| e. Professional Development (Q11_e) | <input type="radio"/> | <input type="radio"/> |
| f. Academic Specific Programs (Q11_f) | <input type="radio"/> | <input type="radio"/> |
| g. Fundraising Events (Q11_g) | <input type="radio"/> | <input type="radio"/> |
| h. Alumni Travel Opportunities (Q11_h) | <input type="radio"/> | <input type="radio"/> |
| i. Family/Children Oriented Events (Q11_i) | <input type="radio"/> | <input type="radio"/> |
| j. Regional Network Events (Q11_j) | <input type="radio"/> | <input type="radio"/> |
| k. Educational Lectures (Q11_k) | <input type="radio"/> | <input type="radio"/> |
| l. Athletic Events (Q11_l) | <input type="radio"/> | <input type="radio"/> |
| m. Performing Arts Programs (Q11_m) | <input type="radio"/> | <input type="radio"/> |

12. What are your approximate, yearly, pre-tax, earnings?

- less than \$20,000 annually (1)
- \$20,000 to \$39,999 (2)
- \$40,000 to \$59,999 (3)
- \$60,000 to \$79,999 (4)
- \$80,000 to \$99,999 (5)
- \$100,000 or over (6)

13. How could CWU have improved your learning experience?

14. What did CWU do best to help improve your learning?
