



UNIVERSITY OF WASHINGTON DEPARTMENT OF
ENVIRONMENTAL AND OCCUPATIONAL HEALTH
ALUMNI SURVEY

SUMMARY OF SURVEY PROCEDURES
AND RESULTS FOR
EDUCATION AND RESEARCH
CENTER PROGRAMS

DATA REPORT 14-033

June 2014

Prepared for

Michael Yost, Ph.D.
Associate Chair
Environmental and Occupational Health Sciences
University of Washington

Submitted by

Rose Krebill-Prather, Ph.D.
&
Arina Gertseva, Ph.D.

SESRC

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SESRC Project Profile

- Title:** **2014 Survey of UW DEOHS Alumni: Summary of Survey Procedures and Results for Education and Research Center Programs**
- Abstract:** The study is being conducted for the Department of Environmental and Occupational Health Sciences (DEOHS) at the University of Washington. The purpose of the survey is to assess the quality of the programs, experiences and training DEOHS has provided to their graduates. This information will be used to help DEOHS better meet the needs of its students. In addition to summarizing the overall survey procedures, **this report highlights survey results for the NIOSH funded Education and Research Center programs.** *Additional reports will include survey results for other programs.*
- Method:** For this study, SESRC contacted approximately about 234 graduates and undergraduates who recently graduated from the Department of Environmental and Occupational Health Sciences (DEOHS) at the University of Washington. DEOHS provided the list with alumni names, phone numbers and addresses. Respondents had the option of completing the survey over the telephone or via the internet. Each respondent was sent an introductory letter that informed them about the purpose of the study, assured them that their participation was voluntary and that all data collected would be maintained as confidential. Each respondent was given a \$2 pre-incentive in the introductory letter. Subsequent contacts were made via email messages and telephone contact. The survey began on March 26, 2014 and continued through May 31, 2014.
- Results:** The SESRC obtained 107 completed and 6 partially completed responses. The response rate was 46%. Of the 107 completed and 6 partially completed surveys, 28 completed and 1 partially completed surveys are part of the Education and Research Center Programs (ERC). The results for the 28 completed and 1 partially completed ERC respondents are presented in this report.
- Timeframe:** March 26, 2014 to May 8, 2014
- Contract with:** UW Department of Environmental and Occupational Health Sciences
- SESRC Acronym:** DEOHS13

Project Accountability

SESRC is committed to high quality and timely delivery of project results. The SESRC team members responsible for these goals for this survey project are listed below.

- **Dr. Krebill-Prather** serves as the Principal Investigator for the project. Her primary role was to see that the goals of the project are met within the budgetary and timeline constraints.
- **Dr. Gertseva** served as the Study Director. Dr. Gertseva was responsible for sample administration and coordination of project tasks.
- **Ms. Koontz** assisted the administrative staff with project and contract management as well as budget planning and supervisor of main office.
- **Mr. Palmer** was responsible for the administration of the data collection, management, and storage of all data files.

Table 1: Project Accountability

Staff Member	Areas of Accountability	Project Elements
Krebill-Prather	Principal Investigator	The final authority for the SESRC team members. Krebill-Prather provided assurance of the design, execution, and management of this project.
Arina Gertseva	Study Director	Assurance of survey research protocol, sample design, project and instruments design.
Rita Koontz	Administrative Services Manager	Administration of contract for Washington State University
Nathan Palmer	Data Manager	Creation and management of web version of the survey, data cleaning, data management and frequency listing.

SESRC Professional Staff

All of the work conducted at the Social & Economic Sciences Research Center is the result of a cooperative effort made by a team of dedicated research professionals. The research in this report could not have been conducted without the efforts of interviewers and part-time personnel not listed.

Principal Investigators and Study Directors

Lena Le, Ph.D.	Director
Don A. Dillman, Ph.D.	Deputy Director for Research & Development
Danna L. Moore, Ph. D.	Senior Research Fellow
Rose L. Krebill-Prather, Ph.D.	Assistant Director
M. Chris Paxson, Ph.D.	Research Associate
Arina Gertseva, Ph.D.	Research Associate
Candiya Mann, M.A.	Research Associate, Olympia
Kent Miller, M.A.	Study Director/Mail Survey Manager
Thom Allen, B.A.	Study Director II/Special Programs Manager
Nancy Holmes, B.A.	Study Director

Administrative Support

Rita Koontz	Department Administrative Manager
Jaime Colyar, B.A.	Fiscal Specialist I
Lisa Brooks, B.A.	Research Associate, Olympia

Data Collection and Interviewer Supervision

Rose Krebill-Prather, Ph.D.	Data Collection Manager
Maria Carrillo, B.A.	Research Survey Supervisor
Tony Hernandez	Research Survey Supervisor
Tim Lensing	Research Survey Supervisor
Alex Woods	Assistant Research Survey Supervisor
Pat Slinkard	Social Scientific Assistant

Data Management, Analysis, and Network Support

Nikolay Ponomarev, Ph. D.	Sr. Research Programmer/Database Architect
Nathan Palmer, M.S.	Information Systems Coordinator/Data Analyst
Matt Strawn, M.S.	Information Systems Coordinator/Data Analyst
Dan Vakoch, M.S.	Information Systems Coordinator/Data Analyst
Darren Bystrom, B.S.	Systems Analyst/Programmer

Survey Overview

The study is being conducted for the Department of Environmental and Occupational Health Sciences (DEOHS) at the University of Washington (sponsor). The purpose of the survey is to assess the quality of the programs, experiences and training DEOHS has provided to their graduates. This information will be used to help DEOHS better meet the needs of its students. The SESRC will complete telephone interviews with recent graduates.

SESRC collaborated with DEOHS to develop the survey questions. Question content, wording and format were designed with both the survey objectives and the respondent perspectives in mind. The questionnaire was designed so that it could be implemented for either an Internet or telephone-based survey. The final version of the survey included 58 questions, most of which were closed-ended, although some invited open-ended text responses. SESRC prepared a telephone interview script (CATI), based on the survey instrument approved by the DEOHS.

We used a computer assisted telephone interview (CATI) system to conduct interviews and manage the survey sample, which is standard in the industry. We kept accurate records of the disposition of all sample cases in the survey. We employed a dialing protocol that provides a maximum of 6 attempts for every telephone number in the sample. Telephone interviewing was made seven days per week, during both daytime and evening hours. Standard procedures were followed for rotation of calls over days of the week and time of day. The interview was designed to be completed in 20 minutes.

The online survey instrument and the resulting hosted web site was designed using Macromedia Dreamweaver MX software. The pages were coded using a combination of standard HTML 4.01, JavaScript for client-side controls, and ASP.Net (Active Server Pages) technology for server side controls. The instrument was deployed to SESRC's web server and connected to an SQL Server database.

The layout of each screen was designed using TDM1 (Tailored Design Method) protocols for maximizing respondent comprehension and ease of navigation with online forms. All screens were constructed with HTML tables using proportional widths in order to maintain the visual aspect of the screen regardless of individual user's window sizes. In addition, font size and style were automatically adjusted using CSS (Cascading Style Sheets) to accommodate differing users' screen resolutions.

The web survey instrument was programmed to allow respondents to review their individual survey responses by clicking on a specialized "back" button. The instrument loads the respondent's answers to each survey item if the respondent navigated backwards through the survey instrument. A respondent could change the value of any item as often as they wished. An historical record of each change was maintained in the database. It should be noted that if a respondent exited the survey and then re-entered at a later date, backward progress and review of the previous session's responses was still possible.

For this study, SESRC contacted approximately about 234 graduates and undergraduates who recently graduated from the Department of Environmental and Occupational Health Sciences (DEOHS) at the University of Washington. DEOHS provided the list alumni

names, phone numbers and addresses. Each respondent was sent an introductory letter that informed them about the purpose of the study, assured them that their participation was voluntary and that all data collected would be maintained as confidential. Each respondent was given a \$2 pre-incentive in the introductory letter. Subsequent contacts were made via email messages and telephone contact. The survey URL and each respondent's unique access code were provided in the introductory letter and in each email message. In addition, at the time of the telephone call, respondents had the option of completing the survey over the phone or via the internet.

Once the survey has been completed, we compiled and analyze the results. This report includes the results of descriptive statistics for the alumni who are part of the Education and Research Center Programs. The results are organized into both graphic and numeric forms. Once the frequency tables and percentage distributions are available, our experts can look for patterns within the data. The analyses can focus on the following: 1) Comparison within a survey, or identifying response patterns for certain questions that may stand out from the others and may indicate an area for improvement; and 2) Comparison across subgroups, or breaking out questionnaire responses by specific characteristics with the purpose of determining whether certain groups have different experiences.

Human Subjects Review

The SESRC submitted the project design and questionnaire to the Institutional Review Board at Washington State University (WSU-IRB) for review of human subject's procedures and compliance with federal regulations. The materials were submitted on January 18, 2014 and approved by the WSU-IRB on January 22, 2014 (IRB # IRB Number 13531).

Survey Contact Sequence

Overall, respondents were contact multiple times using multiple modes of contact. The contact sequence is summarized below.

Survey Contact Sequence	Date
Pre-notice letter with \$2 pre-incentive	March 26, 2014
Survey Website open	March 26, 2014
Telephone survey calling begins	April 3, 2014
Telephone survey calling ends	April 25, 2014
<i>Number of call attempts</i>	<i>6</i>
<i>Number of completes per hour</i>	<i>0.84</i>
<i>Average length of interview</i>	<i>18.2 minutes</i>
Introductory email	April 10, 2014
Reminder email	April 23, 2014
Last reminder email	May 1, 2014

Description of the Data

The data collected for the survey have been copied from stored files maintained on SESRC's dedicated servers at Washington State University. Table 2 below provides a list and brief description of the deliverable files available for this project.

Table 2: File Names and Descriptions

	File Name	Description
Data	EOHS13 ERC Data 05292014	Final SPSS Dataset for the
	EOHS13 ERC Open ends 05292014	Excel file of Open-Ends in Linear Format
Data report	Final Report 06.01. 2014	Final data report for the project
	EOHS13 ERC Frequencies	Frequency listing
Survey materials	EOHS13 Screen shots	Screen shots of the survey

Numeric Data File

One numeric data file is enclosed. The data file was saved as SPSS file and named:

EOHS13 ERC Data 05292014

A frequency listing for each sample was generated using the SPSS system and was saved as a word file. Missing values throughout the data are indicated by '-1' (Don't know), and '-2' (Refused).

Open-Ended Data Files

The written information data corresponding to the open-ended questions provided by the respondent in this study are sorted by question and then by identification number. The WSU identification number is the first number, followed by the question number, and then by the open-ended remarks. An example is shown in Table 2. The remarks files are in Excel file format and are easily sorted.

Table 2. Generic Example of the Remarks Data (Long format)			
id	Q #	Alias	Note
99999	0001	Q1	This is an example of the open-ended remark.
99999	0002	Q2	Text format that is in the remarks data file.

PLEASE NOTE: The remarks and notes data have been only minimally edited. The files were run through a spell check, and any obvious references to individuals were deleted in order to maintain confidentiality. The remarks and notes data should be treated as confidential information and printed for release only after careful review and necessary editing.

Response Rates

Two kinds of response rates for the survey samples were calculated from the number of completed interviews obtained and are presented in Table 3. The **cooperation rate** (CR) is the ratio of the number of completed and partially completed interviews plus ineligibles to the number of completed, partially completed, ineligibles, refusal cases, and other. The formula for calculating the cooperation rate is:

$$\frac{(I+P)}{[(I+P)+R+O]}$$

where I =number of completed interviews
P= number of partially completed interviews
R =number of refusals
O=Other

For the overall sample, the **cooperation rate was 98.33%**.

The AAPOR **response rate** (RR) is the ratio of the number of completed to the number of completed, partially completed, refusals, non-contacts, others, and the product of the unknown household times the eligibility estimate. The eligibility estimate is the proportion of cases determined to be eligible by the total number of cases for which eligibility has been determine (eligible plus ineligible).

The formula for calculating the response rate is provided below, and is derived from the American Association for Public Opinion Research (AAPOR):

$$\frac{I+P}{(I + P)+(R+NR+O)}$$

where I = number of completed interviews
P= number of partially completed interviews
R = number of refusals
NR =non-contact
O=other

For the overall sample, the **response rate was 46%**

Table 3: Sample Disposition Summary by Group

	DEOH Alumni	Health Services Research	Nursing Program	OEM Resident
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Completed by telephone	18	1	0	4
Completed by web	71	2	2	9
Partial web complete	6	0	0	0
Non response	98	11	7	5
<i>Refusal</i>	2	0	0	0
<i>Not “eligible”</i>	4	8	0	0
<i>Call back</i>	2	0	0	0
<i>Answering machine</i>	32	2	1	3
<i>Busy/Blocked/electronic device</i>	6	0	0	1
<i>No answer</i>	4	0	0	0
<i>Disconnect/wrong number/</i>	18	1	0	1
<i>No phone number</i>	30	0	6	0
Total sample size	193	14	9	18
<i>DEOH Alumni, also completed OEM survey</i>				3
Response Rate	46%	21%	22%	76%

Survey Results

Note on the Results

The survey results are presented in the following pages for all respondents who participated in the survey. Missing values are reported in the frequencies.

A note about the difference between "percent" and "valid percent" in the frequency tables contained in this report:

The survey result tables show two different percent values that differ in whether or not the missing values and skips are included in the calculation of the percentages.

The "**percent**" column includes the missing and skips in the calculation.

The "**valid percent**" does not include the missing and skips in the calculation.

In most instances, the "valid percent" is the appropriate measure to use, since this shows the percent of only those respondents that answered the question.

There are two kinds of "**missing**" values reported for survey questions:

- Don't Know – when a respondent answers with "don't know"
- Refused – when a respondent says they don't want to answer

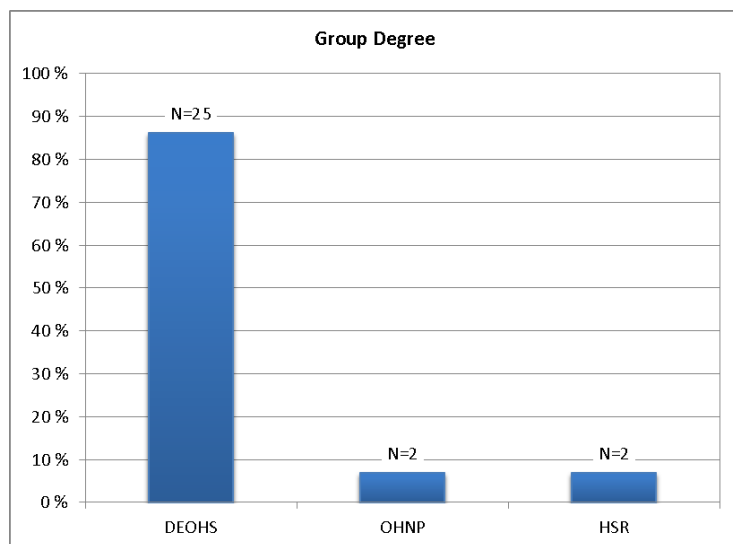
For single-item questions, bar charts are displayed immediately after the frequency table.

For multiple-item questions, bar charts are presented after the series of frequency tables for each item in the question.

Survey Final Frequencies for Education and Research Center Program Alumni

Group Degree group

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 DEOHS	25	86.2	86.2	86.2
	2 OHNP	2	6.9	6.9	93.1
	3 HSR	2	6.9	6.9	100.0
	Total	29	100.0	100.0	



Status Completed survey or partially completed

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 Partial complete	1	3.4	3.4	3.4
	1 Completed survey	28	96.6	96.6	100.0
	Total	29	100.0	100.0	

Mode Phone or web

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Phone	7	24.1	24.1	24.1
	2 Web	22	75.9	75.9	100.0
	Total	29	100.0	100.0	

Q01A Did you graduate with a degree from the Department of Environmental and Occupational Health Sciences at the University of Washington?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	25	86.2	100.0	100.0
Missing	System	4	13.8		
Total		29	100.0		

Q01B Did you graduate from the Occupational Health Nursing Program at the University of Washington?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	2	6.9	100.0	100.0
Missing	System	27	93.1		
Total		29	100.0		

Q01C Did you graduate from the Health Services Research Training Program at the University of Washington?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	2	6.9	100.0	100.0
Missing	System	27	93.1		
Total		29	100.0		

Q01DA Did you complete the Occupational Medicine Fellowship at the University of Washington?

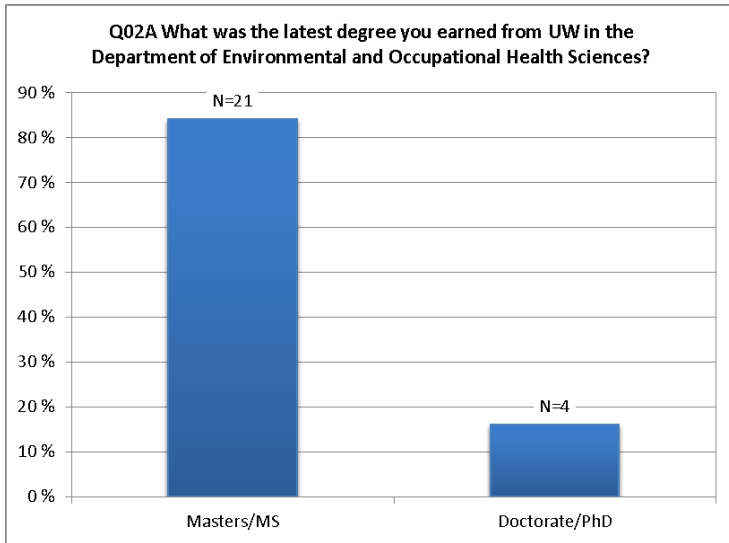
		Frequency	Percent
Missing	System	29	100.0

Q01DB Have you completed the Occupational Medicine Fellowship at the University of Washington?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	2	6.9	6.9	6.9
	2 No	27	93.1	93.1	100.0
Total		29	100.0	100.0	

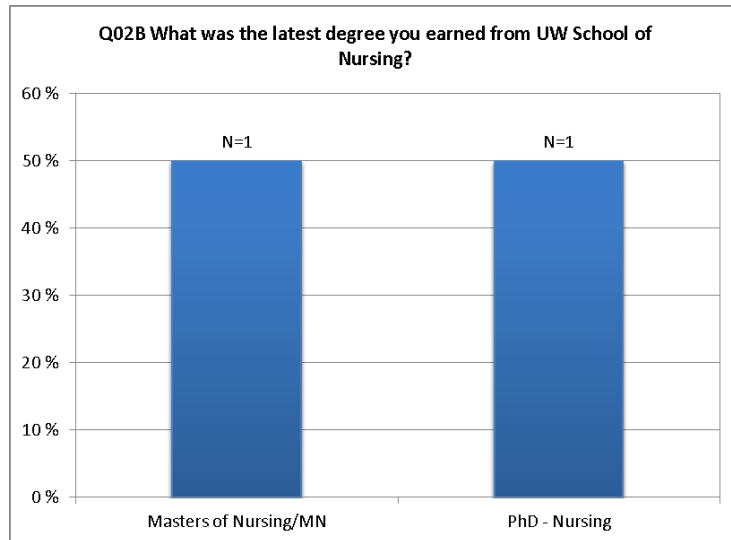
Q02A What was the latest degree you earned from UW in the Department of Environmental and Occupational Health Sciences?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 Masters/MS	21	72.4	84.0	84.0
	4 Doctorate/PhD	4	13.8	16.0	100.0
	Total	25	86.2	100.0	
Missing	System	4	13.8		
Total		29	100.0		



Q02B What was the latest degree you earned from UW School of Nursing?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Masters of Nursing/MN	1	3.4	50.0	50.0
	3 PhD - Nursing	1	3.4	50.0	100.0
	Total	2	6.9	100.0	
Missing	System	27	93.1		
Total		29	100.0		

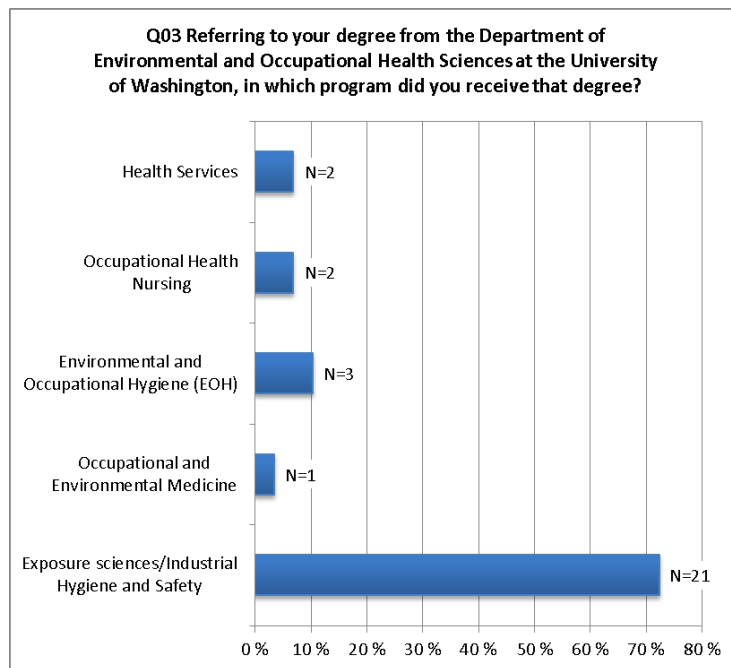


Q02C Did you earn a degree from the Department of Environmental and Occupational Health Sciences at the University of Washington?

		Frequency	Percent
Missing	System	29	100.0

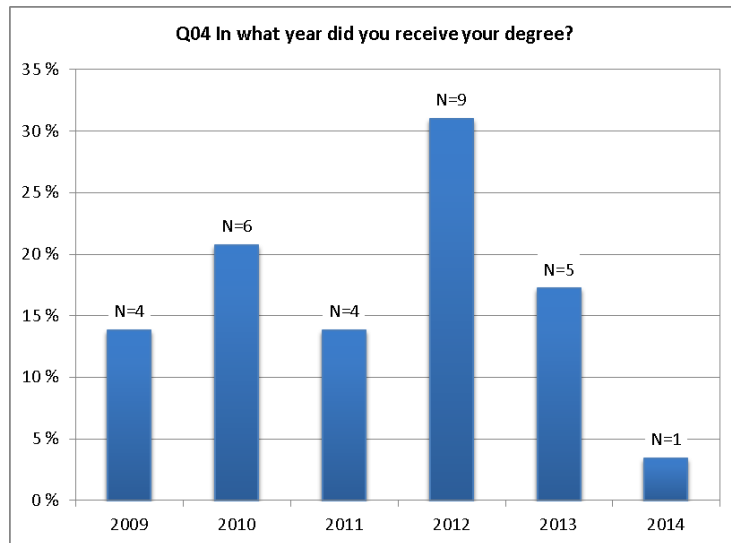
Q03 Referring to your degree from the Department of Environmental and Occupational Health Sciences at the University of Washington, in which program did you receive that degree?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 Exposure sciences/Industrial Hygiene and Safety	21	72.4	72.4	72.4
	4 Occupational and Environmental Medicine	1	3.4	3.4	75.9
	6 Environmental and Occupational Hygiene (EOH)	3	10.3	10.3	86.2
	7 Occupational Health Nursing	2	6.9	6.9	93.1
	8 Health Services	2	6.9	6.9	100.0
	Total	29	100.0	100.0	



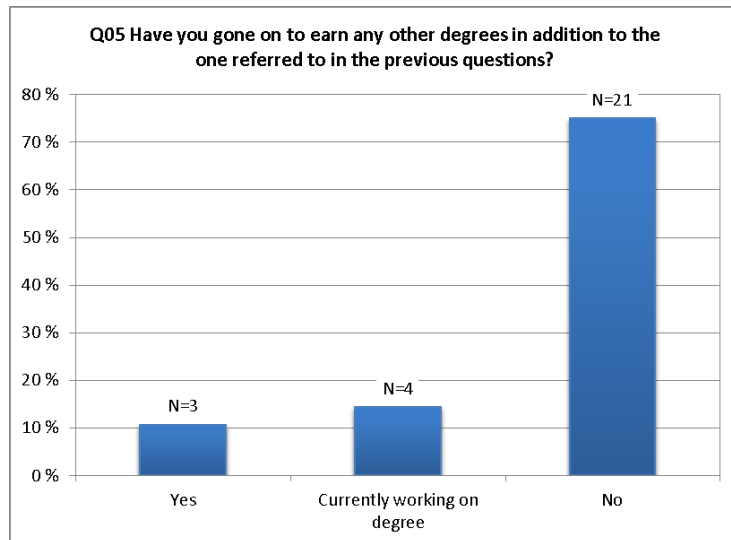
Q04 In what year did you receive your degree?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2009 2009	4	13.8	13.8	13.8
	2010 2010	6	20.7	20.7	34.5
	2011 2011	4	13.8	13.8	48.3
	2012 2012	9	31.0	31.0	79.3
	2013 2013	5	17.2	17.2	96.6
	2014 2014	1	3.4	3.4	100.0
	Total	29	100.0	100.0	



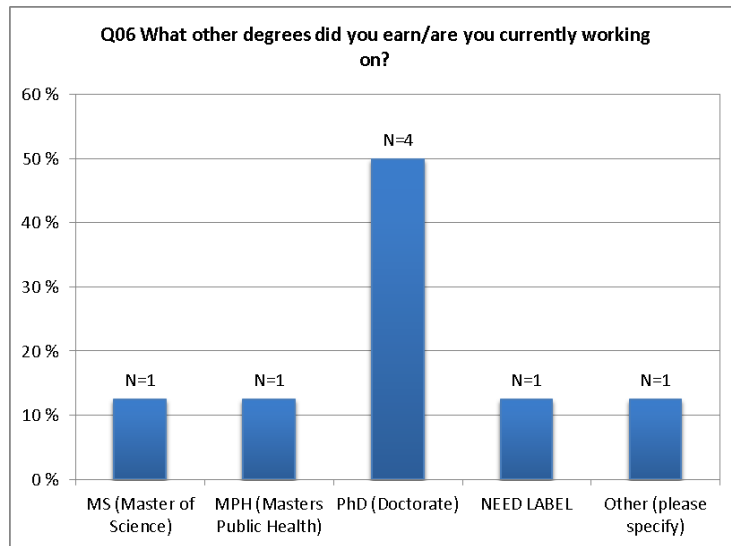
Q05 Have you gone on to earn any other degrees in addition to the one referred to in the previous questions?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	3	10.3	10.7	10.7
	2 Currently working on degree	4	13.8	14.3	25.0
	3 No	21	72.4	75.0	100.0
	Total	28	96.6	100.0	
Missing	-1 No answer (web)	1	3.4		
Total		29	100.0		



Q06 What other degrees did you earn/are you currently working on?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 MS (Master of Science)	1	3.4	12.5	12.5
	3 MPH (Masters Public Health)	1	3.4	12.5	25.0
	4 PhD (Doctorate)	4	13.8	50.0	75.0
	9	1	3.4	12.5	87.5
	97 Other (please specify)	1	3.4	12.5	100.0
	Total	8	27.6	100.0	
Missing	System	21	72.4		
Total		29	100.0		

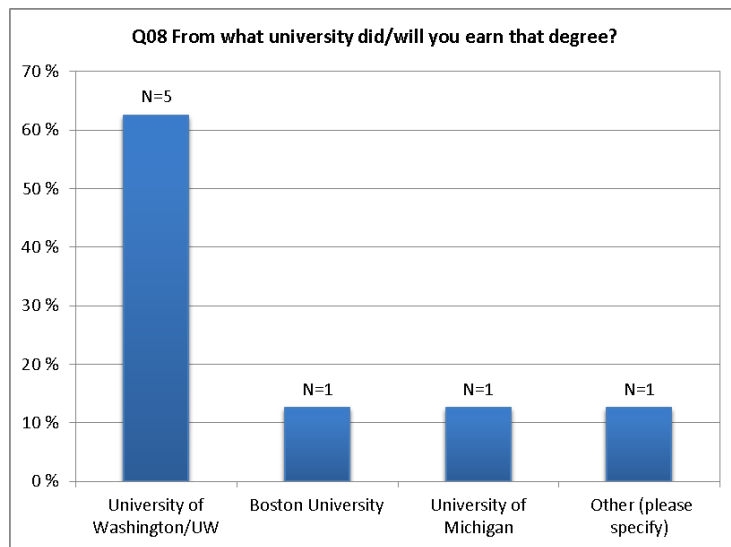


Q07 Was/Is that degree in a field related to Environmental or Occupational Health?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	8	27.6	100.0	100.0
Missing	System	21	72.4		
Total		29	100.0		

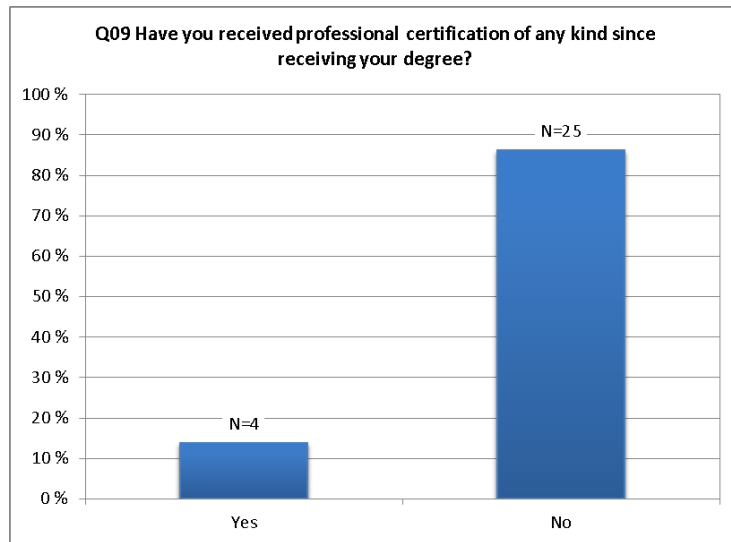
Q08 From what university did/will you earn that degree?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 University of Washington/UW	5	17.2	62.5	62.5
	2 Boston University	1	3.4	12.5	75.0
	8 University of Michigan	1	3.4	12.5	87.5
	97 Other (please specify)	1	3.4	12.5	100.0
	Total	8	27.6	100.0	
Missing	System	21	72.4		
Total		29	100.0		



Q09 Have you received professional certification of any kind since receiving your degree?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	4	13.8	13.8	13.8
	2 No	25	86.2	86.2	100.0
	Total	29	100.0	100.0	



Q10A Did you complete the following certification program? CIH - Certified Industrial Hygienist

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	1	3.4	33.3	33.3
	2 No	2	6.9	66.7	100.0
	Total	3	10.3	100.0	
Missing	-1 No answer (web)	1	3.4		
	System	25	86.2		
	Total	26	89.7		
Total		29	100.0		

Q10B Did you complete the following certification program? DABT - Diplomate of American Board of Toxicology

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 No	3	10.3	100.0	100.0
Missing	-1 No answer (web)	1	3.4		
	System	25	86.2		
	Total	26	89.7		
Total		29	100.0		

Q10C Did you complete the following certification program? Board - Certification in Preventive Medicine/Occupational Medicine

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	1	3.4	25.0	25.0
	2 No	3	10.3	75.0	100.0
	Total	4	13.8	100.0	
Missing	System	25	86.2		
Total		29	100.0		

Q10D Did you complete the following certification program? COHN-S - Certified Occupational Health Nurse Specialist

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 No	3	10.3	100.0	100.0
Missing	-1 No answer (web)	1	3.4		
	System	25	86.2		
	Total	26	89.7		
Total		29	100.0		

Q10E Did you complete the following certification program? CHMM - Certified Hazardous Materials Manager

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 No	3	10.3	100.0	100.0
Missing	-1 No answer (web)	1	3.4		
	System	25	86.2		
	Total	26	89.7		
Total		29	100.0		

Q10F Did you complete the following certification program? CSP - Certified Safety Professional

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 No	3	10.3	100.0	100.0
Missing	-1 No answer (web)	1	3.4		
	System	25	86.2		
	Total	26	89.7		
Total		29	100.0		

Q10G Did you complete the following certification program? RS/REHS - Registered Sanitarian/Registered Environmental Health Specialist

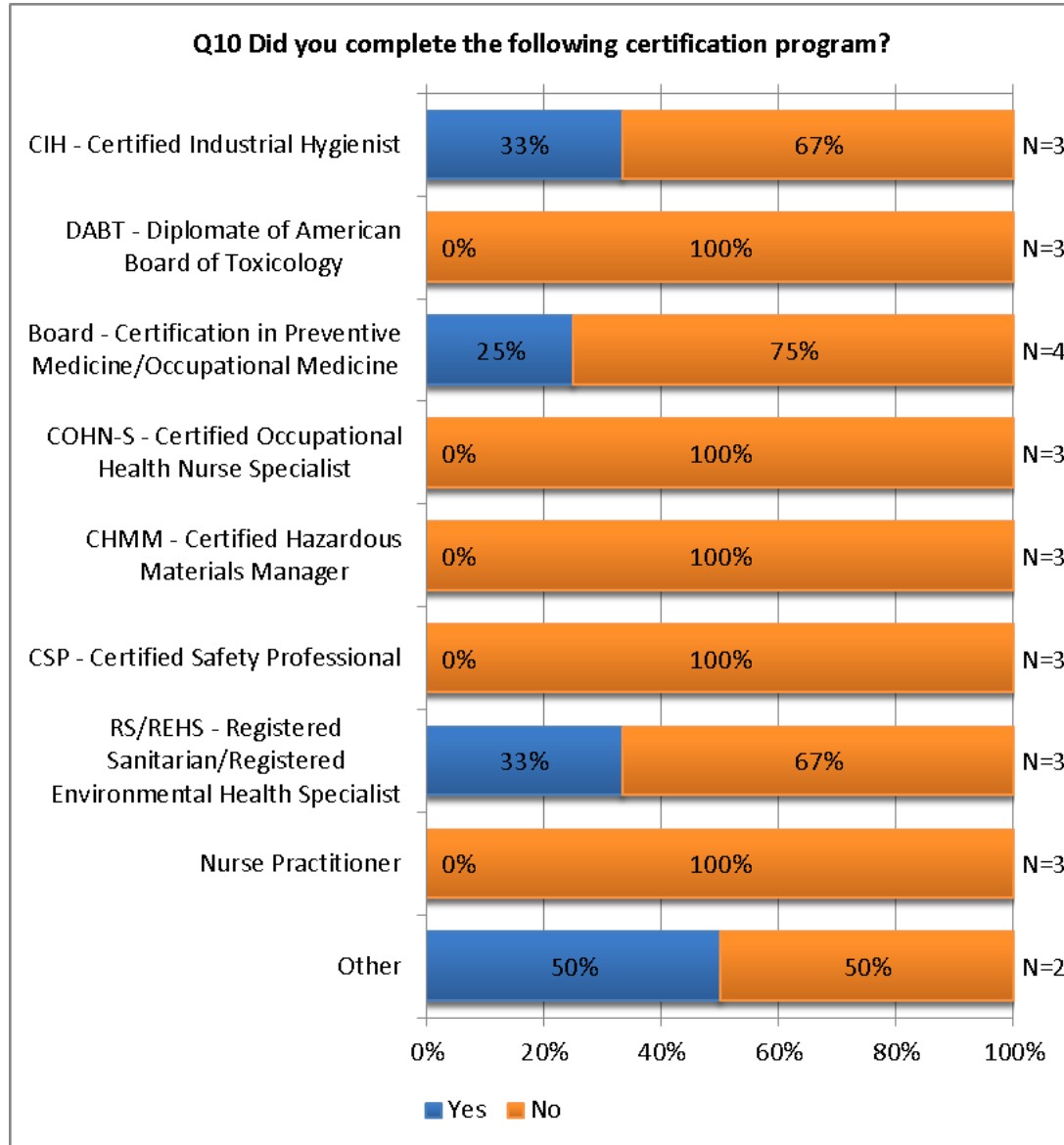
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	1	3.4	33.3	33.3
	2 No	2	6.9	66.7	100.0
	Total	3	10.3	100.0	
Missing	-1 No answer (web)	1	3.4		
	System	25	86.2		
	Total	26	89.7		
Total		29	100.0		

Q10H Did you complete the following certification program? Nurse Practitioner

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 No	3	10.3	100.0	100.0
Missing	-1 No answer (web)	1	3.4		
	System	25	86.2		
	Total	26	89.7		
Total		29	100.0		

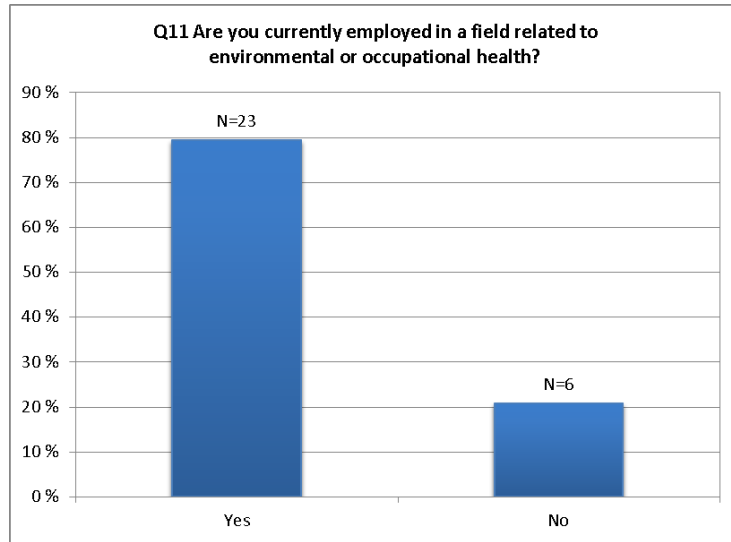
Q10I Did you complete the following certification program? Other

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	1	3.4	50.0	50.0
	2 No	1	3.4	50.0	100.0
	Total	2	6.9	100.0	
Missing	-1 No answer (web)	2	6.9		
	System	25	86.2		
	Total	27	93.1		
Total		29	100.0		



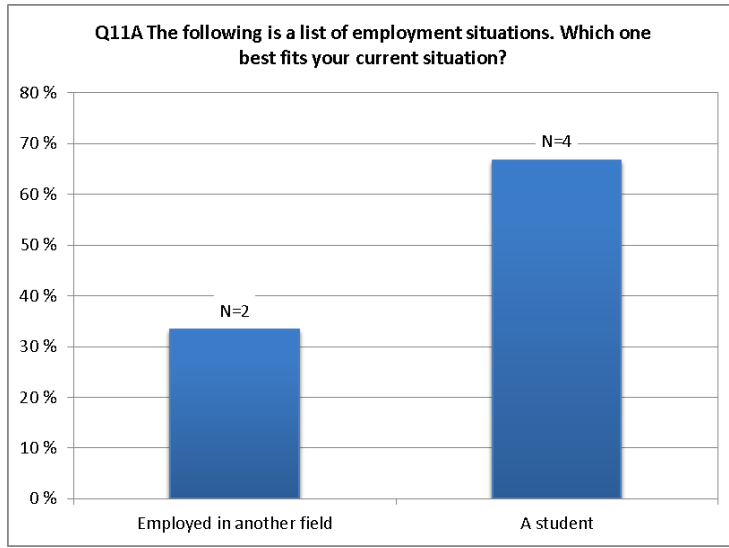
Q11 Are you currently employed in a field related to environmental or occupational health?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	23	79.3	79.3	79.3
	3 No	6	20.7	20.7	100.0
	Total	29	100.0	100.0	



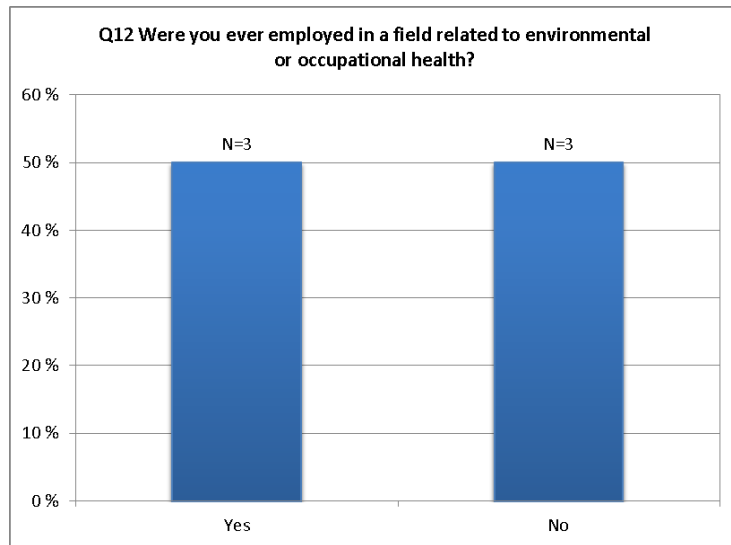
Q11A The following is a list of employment situations. Which one best fits your current situation?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Employed in another field	2	6.9	33.3	33.3
	4 A student	4	13.8	66.7	100.0
	Total	6	20.7	100.0	
Missing	System	23	79.3		
Total		29	100.0		



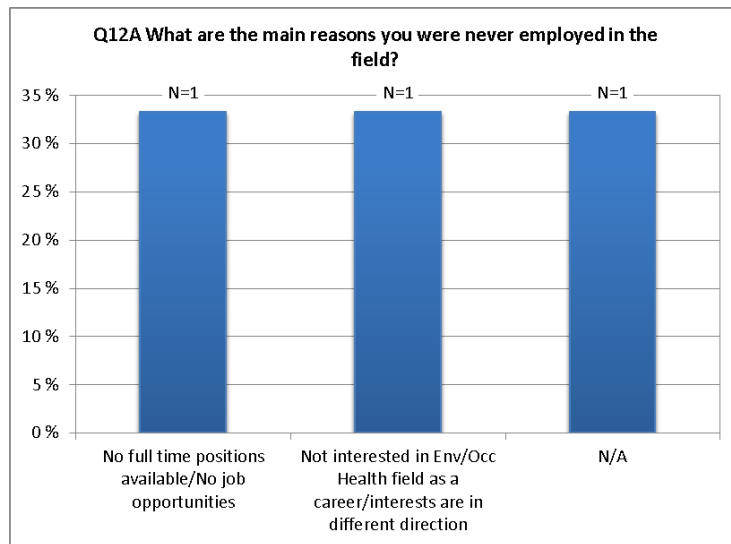
Q12 Were you ever employed in a field related to environmental or occupational health?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	3	10.3	50.0	50.0
	2 No	3	10.3	50.0	100.0
	Total	6	20.7	100.0	
Missing	System	23	79.3		
Total		29	100.0		



Q12A What are the main reasons you were never employed in the field?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 No full time positions available/No job opportunities	1	3.4	33.3	33.3
	4 Not interested in Env/Occ Health field as a career/interests are in different direction	1	3.4	33.3	66.7
	96 N/A	1	3.4	33.3	100.0
	Total	3	10.3	100.0	
Missing	System	26	89.7		
Total		29	100.0		



Q13 For how many years have you been/were you employed in a field related to environmental or occupational health?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Less than 1 year	4	13.8	15.4	15.4
	2 1 to 3 years	12	41.4	46.2	61.5
	3 4 to 6 years	7	24.1	26.9	88.5
	4 7 to 10 years	1	3.4	3.8	92.3
	5 More than 10 years	2	6.9	7.7	100.0
	Total	26	89.7	100.0	
Missing	System	3	10.3		
Total		29	100.0		



Q14A Does the following area of specialization apply to your current/most recent position in the field? Environmental Assessment or Management

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	5	17.2	35.7	35.7
	2 No	9	31.0	64.3	100.0
	Total	14	48.3	100.0	
Missing	-1 No answer (web)	12	41.4		
	System	3	10.3		
	Total	15	51.7		
Total		29	100.0		

Q14B Does the following area of specialization apply to your current/most recent position in the field? Toxicology - Lab based

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	1	3.4	8.3	8.3
	2 No	11	37.9	91.7	100.0
	Total	12	41.4	100.0	
Missing	-1 No answer (web)	14	48.3		
	System	3	10.3		
	Total	17	58.6		
Total		29	100.0		

Q14C Does the following area of specialization apply to your current/most recent position in the field? Toxicology - Risk assessment

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	4	13.8	33.3	33.3
	2 No	8	27.6	66.7	100.0
	Total	12	41.4	100.0	
Missing	-1 No answer (web)	14	48.3		
	System	3	10.3		
	Total	17	58.6		
Total		29	100.0		

Q14D Does the following area of specialization apply to your current/most recent position in the field? Occupational or Environmental Medicine

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	3	10.3	21.4	21.4
	2 No	11	37.9	78.6	100.0
	Total	14	48.3	100.0	
Missing	-1 No answer (web)	12	41.4		
	System	3	10.3		
	Total	15	51.7		
Total		29	100.0		

Q14E Does the following area of specialization apply to your current/most recent position in the field? Occupational or Environmental Nursing

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 No	12	41.4	100.0	100.0
Missing	-1 No answer (web)	14	48.3		
	System	3	10.3		
	Total	17	58.6		
Total		29	100.0		

Q14F Does the following area of specialization apply to your current/most recent position in the field? Industrial Hygiene

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	17	58.6	85.0	85.0
	2 No	3	10.3	15.0	100.0
	Total	20	69.0	100.0	
Missing	-1 No answer (web)	6	20.7		
	System	3	10.3		
	Total	9	31.0		
Total		29	100.0		

Q14G Does the following area of specialization apply to your current/most recent position in the field? Workplace Safety or Ergonomics

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	17	58.6	81.0	81.0
	2 No	4	13.8	19.0	100.0
	Total	21	72.4	100.0	
Missing	-1 No answer (web)	5	17.2		
	System	3	10.3		
	Total	8	27.6		
Total		29	100.0		

Q14H Does the following area of specialization apply to your current/most recent position in the field? General Public Health Protection

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	7	24.1	38.9	38.9
	2 No	11	37.9	61.1	100.0
	Total	18	62.1	100.0	
Missing	-1 No answer (web)	8	27.6		
	System	3	10.3		
	Total	11	37.9		
Total		29	100.0		

Q14I Does the following area of specialization apply to your current/most recent position in the field? Epidemiology

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 No	7	24.1	100.0	100.0
Missing	System	22	75.9		
Total		29	100.0		

Q14J Does the following area of specialization apply to your current/most recent position in the field? General Environmental Health Specialist

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 No	7	24.1	100.0	100.0
Missing	System	22	75.9		
Total		29	100.0		

Q14K Does the following area of specialization apply to your current/most recent position in the field? Food Safety

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 No	7	24.1	100.0	100.0
Missing	System	22	75.9		
Total		29	100.0		

Q14L Does the following area of specialization apply to your current/most recent position in the field? Research

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 No	7	24.1	100.0	100.0
Missing	System	22	75.9		
Total		29	100.0		

Q14M Does the following area of specialization apply to your current/most recent position in the field? Educator/Trainer

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	1	3.4	12.5	12.5
	2 No	7	24.1	87.5	100.0
	Total	8	27.6	100.0	
Missing	System	21	72.4		
Total		29	100.0		

Q14N Does the following area of specialization apply to your current/most recent position in the field? Exposure Assessment

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 No	7	24.1	100.0	100.0

Missing	System	22	75.9
Total		29	100.0

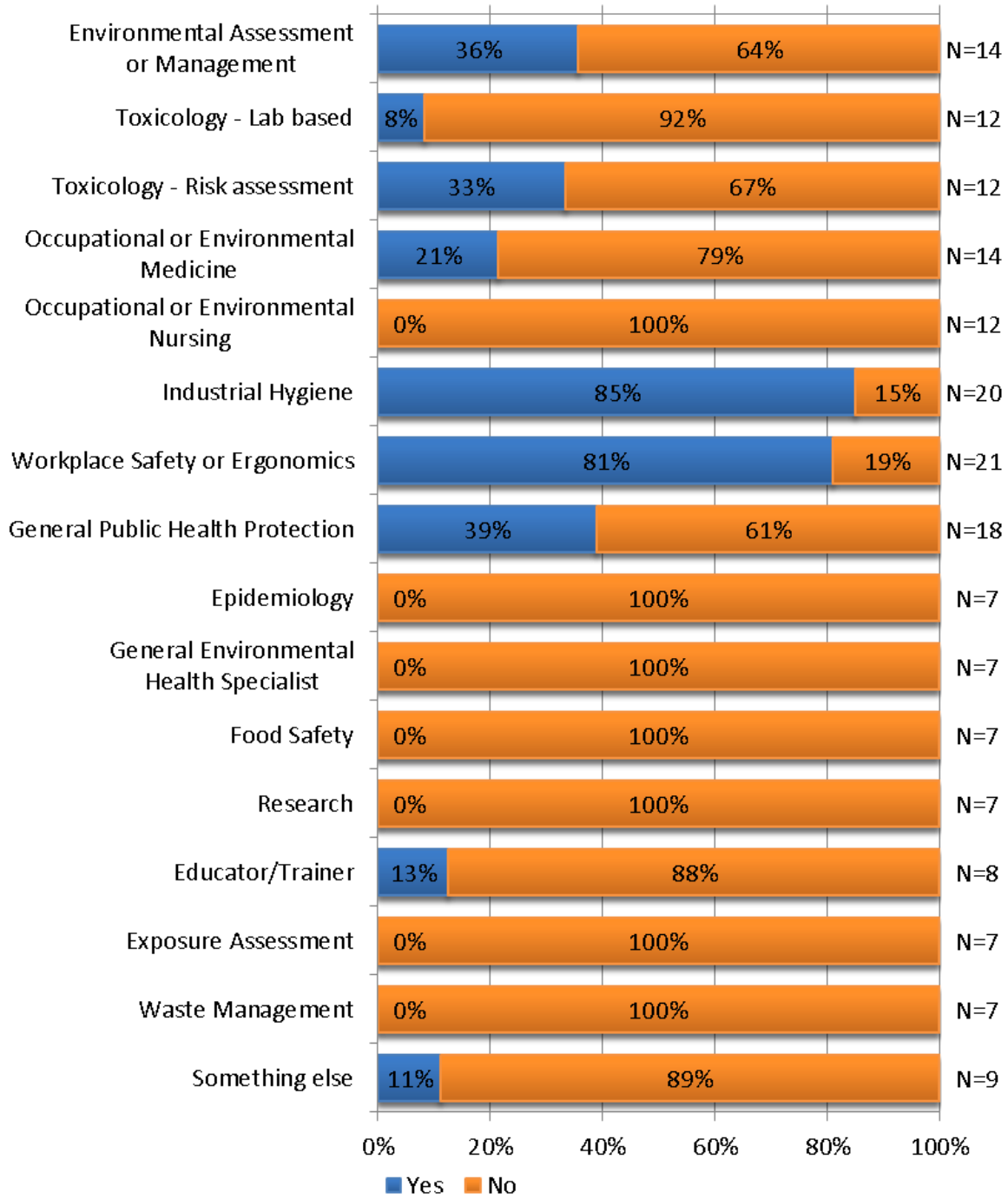
Q14O Does the following area of specialization apply to your current/most recent position in the field? Waste Management

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 No	7	24.1	100.0	100.0
Missing	System	22	75.9		
Total		29	100.0		

Q14P Does the following area of specialization apply to your current/most recent position in the field? Something else

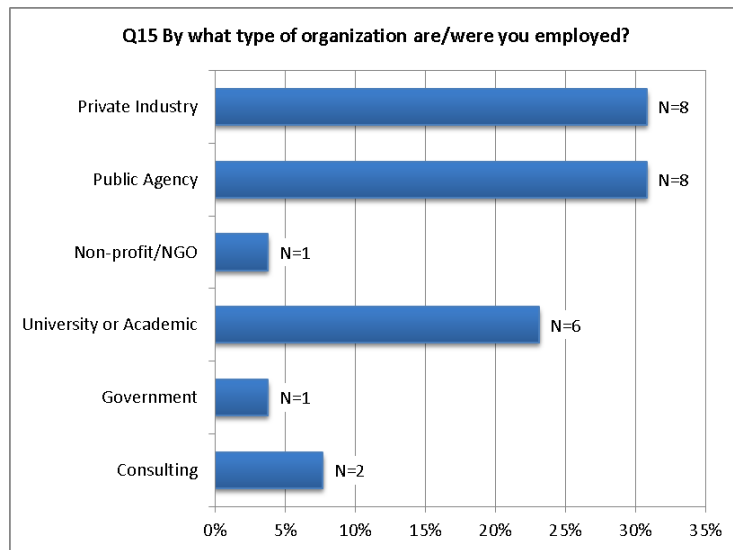
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	1	3.4	11.1	11.1
	2 No	8	27.6	88.9	100.0
	Total	9	31.0	100.0	
Missing	-1 No answer (web)	16	55.2		
	System	4	13.8		
	Total	20	69.0		
Total		29	100.0		

Q14 Does the following area of specialization apply to your current/most recent position in the field?



Q15 By what type of organization are/were you employed?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Private Industry	8	27.6	30.8	30.8
	2 Public Agency	8	27.6	30.8	61.5
	3 Non-profit/NGO	1	3.4	3.8	65.4
	4 University or Academic	6	20.7	23.1	88.5
	5 Government	1	3.4	3.8	92.3
	7 Consulting	2	6.9	7.7	100.0
	Total	26	89.7	100.0	
Missing	System	3	10.3		
Total		29	100.0		

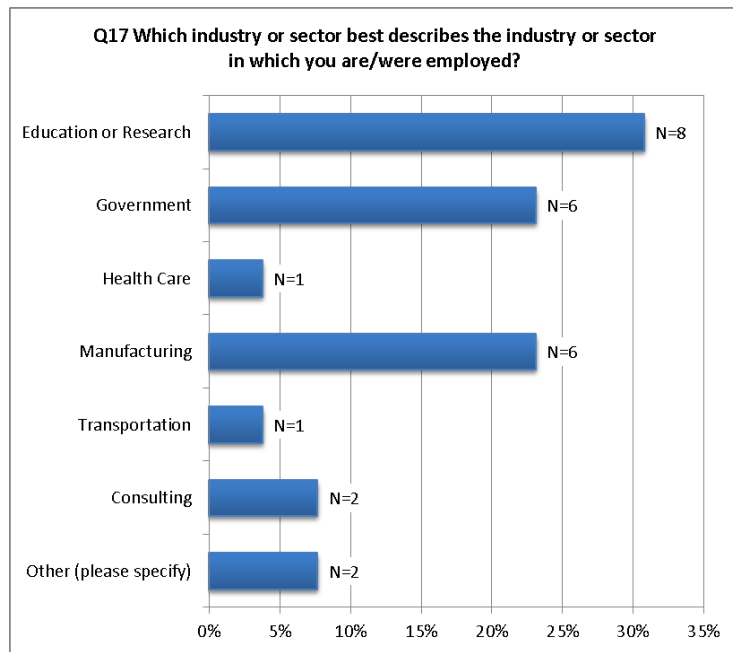


Q16 Are/Were you a consultant primarily for...

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Private Industry	2	6.9	100.0	100.0
Missing	System	27	93.1		
Total		29	100.0		

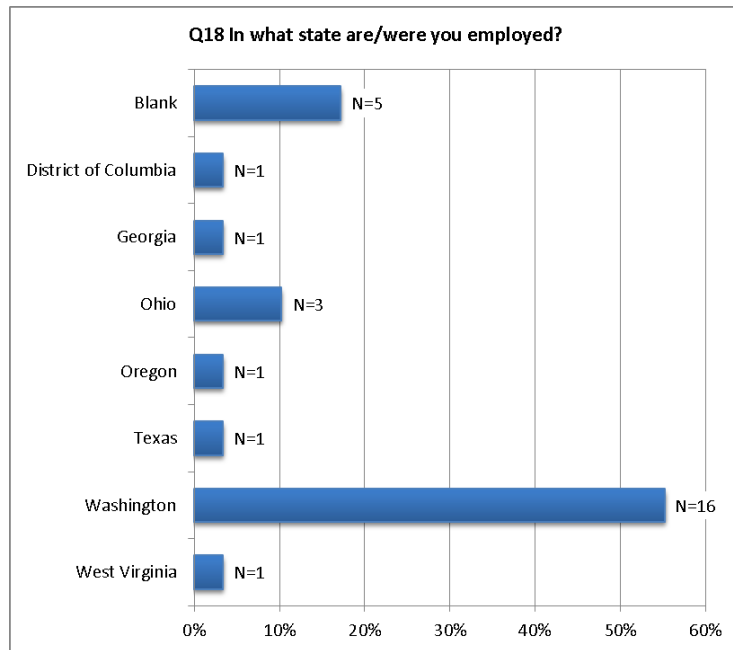
Q17 Which industry or sector best describes the industry or sector in which you are/were employed?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 Education or Research	8	27.6	30.8	30.8
	3 Government	6	20.7	23.1	53.8
	4 Health Care	1	3.4	3.8	57.7
	5 Manufacturing	6	20.7	23.1	80.8
	7 Transportation	1	3.4	3.8	84.6
	11 Consulting	2	6.9	7.7	92.3
	97 Other (please specify)	2	6.9	7.7	100.0
	Total	26	89.7	100.0	
Missing	System	3	10.3		
Total		29	100.0		



Q18 In what state are/were you employed?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Blank	5	17.2	17.2	17.2
	DC District of Columbia	1	3.4	3.4	20.7
	GA Georgia	1	3.4	3.4	24.1
	OH Ohio	3	10.3	10.3	34.5
	OR Oregon	1	3.4	3.4	37.9
	TX Texas	1	3.4	3.4	41.4
	WA Washington	16	55.2	55.2	96.6
	WV West Virginia	1	3.4	3.4	100.0
	Total	29	100.0	100.0	



Q18A In what Canadian Province are/were you employed?

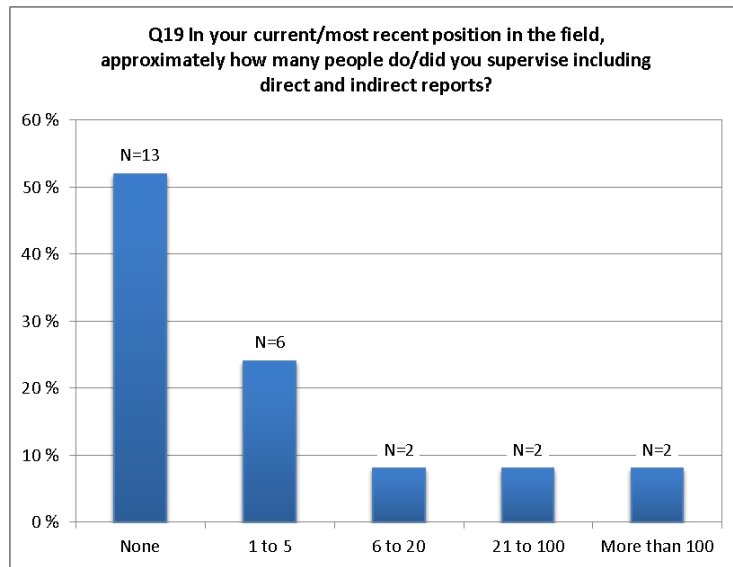
	Frequency	Percent	Valid Percent	Cumulative Percent
Valid	29	100.0	100.0	100.0

Q18B In what country are/were you employed?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Country (open ended comment)	1	3.4	100.0	100.0
Missing	System	28	96.6		
Total		29	100.0		

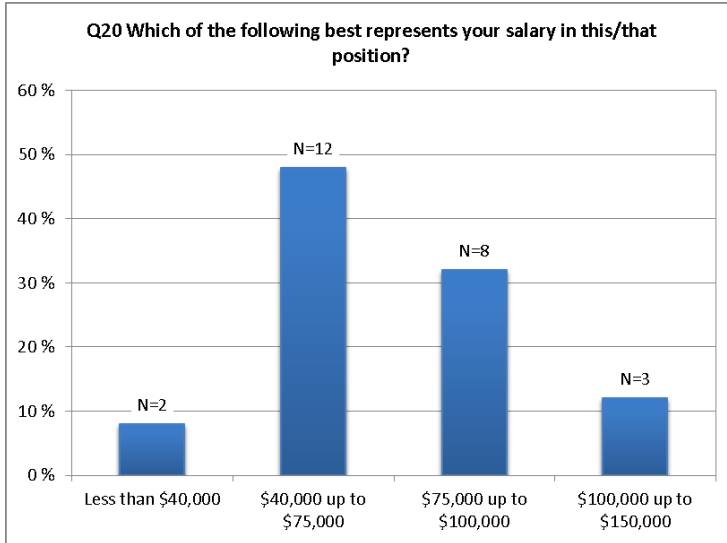
Q19 In your current/most recent position in the field, approximately how many people do/did you supervise including direct and indirect reports?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 None	13	44.8	52.0	52.0
	2 1 to 5	6	20.7	24.0	76.0
	3 6 to 20	2	6.9	8.0	84.0
	4 21 to 100	2	6.9	8.0	92.0
	5 More than 100	2	6.9	8.0	100.0
	Total	25	86.2	100.0	
Missing	System	4	13.8		
Total		29	100.0		



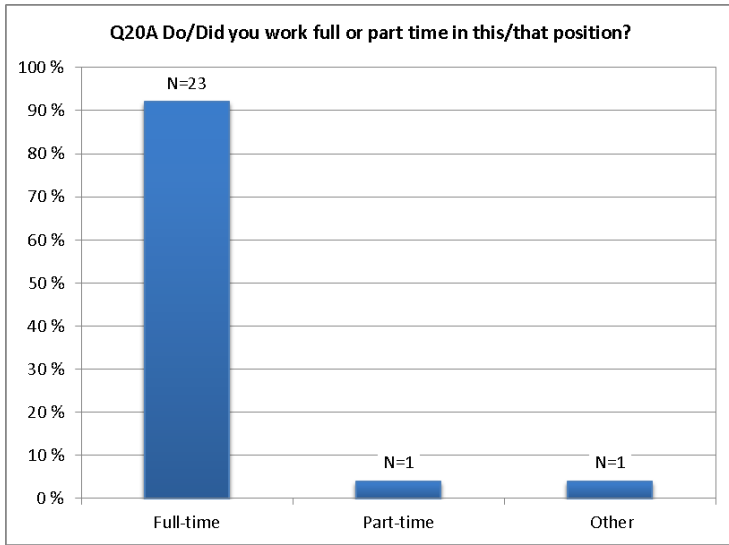
Q20 Which of the following best represents your salary in this/that position?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Less than \$40,000	2	6.9	8.0	8.0
	2 \$40,000 up to \$75,000	12	41.4	48.0	56.0
	3 \$75,000 up to \$100,000	8	27.6	32.0	88.0
	4 \$100,000 up to \$150,000	3	10.3	12.0	100.0
	Total	25	86.2	100.0	
Missing	System	4	13.8		
Total		29	100.0		



Q20A Do/Did you work full or part time in this/that position?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Full-time	23	79.3	92.0	92.0
	2 Part-time	1	3.4	4.0	96.0
	97 Other	1	3.4	4.0	100.0
	Total	25	86.2	100.0	
Missing	System	4	13.8		
Total		29	100.0		



Q21 Compared to your professional peers, how would you rate the training you received in the program?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent	10	34.5	35.7	35.7
	2 Very good	14	48.3	50.0	85.7
	3 Good	4	13.8	14.3	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		



Q22A The training you received... Was good preparation for your career

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	14	48.3	50.0	50.0
	2 Somewhat agree	14	48.3	50.0	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		

Q22B The training you received... Provided a well-rounded, broad-spectrum of education

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	17	58.6	60.7	60.7
	2 Somewhat agree	11	37.9	39.3	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		

Q22C The training you received... Taught you what you needed to know for your career

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	9	31.0	32.1	32.1
	2 Somewhat agree	16	55.2	57.1	89.3
	3 Somewhat disagree	3	10.3	10.7	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		

Q22D The training you received... Provided wide exposure to relevant issues

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	12	41.4	42.9	42.9
	2 Somewhat agree	14	48.3	50.0	92.9
	3 Somewhat disagree	2	6.9	7.1	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		

Q22E The training you received... Was a quality education

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	23	79.3	82.1	82.1
	2 Somewhat agree	5	17.2	17.9	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		

Q22F The training you received... Adhered to high standards

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	17	58.6	60.7	60.7
	2 Somewhat agree	10	34.5	35.7	96.4
	3 Somewhat disagree	1	3.4	3.6	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		

Q22G The training you received... Had instructors who were good

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	15	51.7	53.6	53.6
	2 Somewhat agree	12	41.4	42.9	96.4
	3 Somewhat disagree	1	3.4	3.6	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		

Q22H The training you received... Had instructors who were knowledgeable, competent, and qualified

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	22	75.9	78.6	78.6
	2 Somewhat agree	6	20.7	21.4	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		

Q22I The training you received... Had instructors who were accessible

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	14	48.3	50.0	50.0
	2 Somewhat agree	12	41.4	42.9	92.9
	3 Somewhat disagree	2	6.9	7.1	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		

Q22J The training you received... Offered courses that were at a high level, robust, technical, and challenging

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	13	44.8	46.4	46.4
	2 Somewhat agree	13	44.8	46.4	92.9
	3 Somewhat disagree	2	6.9	7.1	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		

Q22K The training you received... Needed more hands on, real life experiences

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	5	17.2	17.9	17.9
	2 Somewhat agree	11	37.9	39.3	57.1
	3 Somewhat disagree	10	34.5	35.7	92.9
	4 Strongly disagree	2	6.9	7.1	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		

Q22L The training you received... Was not as relevant to your field as you would have liked

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 Somewhat agree	7	24.1	25.9	25.9
	3 Somewhat disagree	11	37.9	40.7	66.7
	4 Strongly disagree	9	31.0	33.3	100.0
	Total	27	93.1	100.0	
Missing	-1 No answer (web)	1	3.4		
	System	1	3.4		
	Total	2	6.9		
Total		29	100.0		

Q22M The training you received... Should have more real world application

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	5	17.2	17.9	17.9
	2 Somewhat agree	8	27.6	28.6	46.4
	3 Somewhat disagree	7	24.1	25.0	71.4
	4 Strongly disagree	8	27.6	28.6	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		

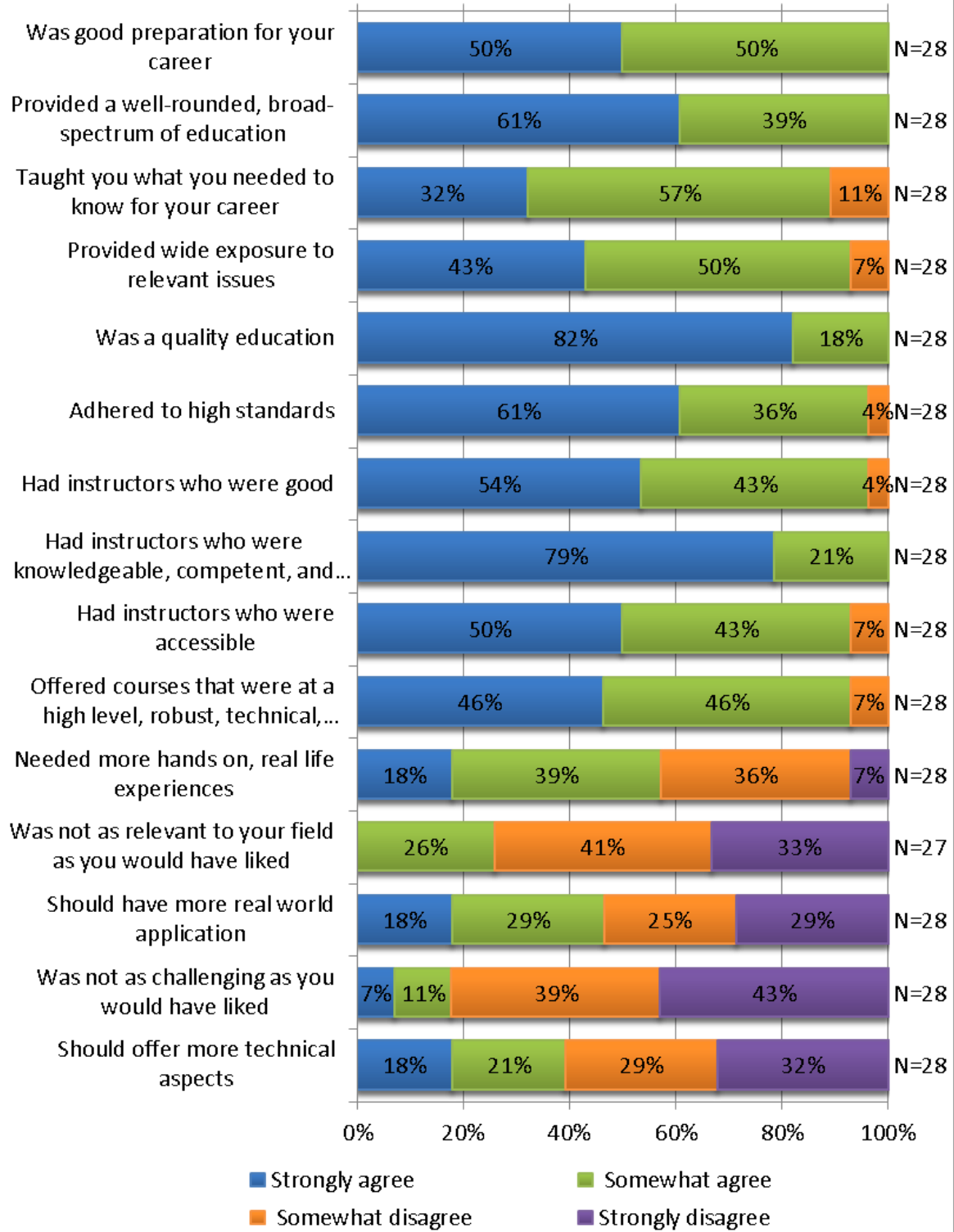
Q22N The training you received... Was not as challenging as you would have liked

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	2	6.9	7.1	7.1
	2 Somewhat agree	3	10.3	10.7	17.9
	3 Somewhat disagree	11	37.9	39.3	57.1
	4 Strongly disagree	12	41.4	42.9	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		

Q22O The training you received... Should offer more technical aspects

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Strongly agree	5	17.2	17.9	17.9
	2 Somewhat agree	6	20.7	21.4	39.3
	3 Somewhat disagree	8	27.6	28.6	67.9
	4 Strongly disagree	9	31.0	32.1	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		

Q22 The training you received...



Q22P Are there other aspects of the training you received, as you worked toward your UW degree, in your program on which you would like to comment?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Comment	12	41.4	70.6	70.6
	2 No comment	5	17.2	29.4	100.0
	Total	17	58.6	100.0	
Missing	System	12	41.4		
Total		29	100.0		

Q23A Please rate your degree program on this element: Classroom instruction

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent	8	27.6	28.6	28.6
	2 Very good	11	37.9	39.3	67.9
	3 Good	9	31.0	32.1	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		

Q23B Please rate your degree program on this element: Research mentorship

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent	9	31.0	33.3	33.3
	2 Very good	10	34.5	37.0	70.4
	3 Good	4	13.8	14.8	85.2
	4 Fair	3	10.3	11.1	96.3
	5 Poor	1	3.4	3.7	100.0
	Total	27	93.1	100.0	
Missing	-1 No answer (web)	1	3.4		
	System	1	3.4		
	Total	2	6.9		
Total		29	100.0		

Q23C Please rate your degree program on this element: Internships or practicum

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent	9	31.0	36.0	36.0
	2 Very good	9	31.0	36.0	72.0
	3 Good	5	17.2	20.0	92.0
	4 Fair	2	6.9	8.0	100.0
	Total	25	86.2	100.0	
Missing	-1 No answer (web)	3	10.3		
	System	1	3.4		
	Total	4	13.8		
Total		29	100.0		

Q23D Please rate your degree program on this element: Facilities (such as buildings, and locations)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent	5	17.2	17.9	17.9
	2 Very good	11	37.9	39.3	57.1
	3 Good	7	24.1	25.0	82.1
	4 Fair	4	13.8	14.3	96.4
	5 Poor	1	3.4	3.6	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		

Q23E Please rate your degree program on this element: Relevancy to your professional needs

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent	4	13.8	14.3	14.3
	2 Very good	11	37.9	39.3	53.6
	3 Good	12	41.4	42.9	96.4
	4 Fair	1	3.4	3.6	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		

Q23F Please rate your degree program on this element: Access to cutting-edge instrumentation

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent	1	3.4	4.0	4.0
	2 Very good	9	31.0	36.0	40.0
	3 Good	11	37.9	44.0	84.0
	4 Fair	4	13.8	16.0	100.0
	Total	25	86.2	100.0	
Missing	-1 No answer (web)	3	10.3		
	System	1	3.4		
	Total	4	13.8		
Total		29	100.0		

Q23G Please rate your degree program on this element: Access to faculty

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent	7	24.1	25.9	25.9
	2 Very good	11	37.9	40.7	66.7
	3 Good	4	13.8	14.8	81.5
	4 Fair	5	17.2	18.5	100.0
	Total	27	93.1	100.0	
Missing	-1 No answer (web)	1	3.4		
	System	1	3.4		
	Total	2	6.9		
Total		29	100.0		

Q23H Please rate your degree program on this element: Opportunity for real world application of coursework

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent	7	24.1	25.0	25.0
	2 Very good	8	27.6	28.6	53.6
	3 Good	7	24.1	25.0	78.6
	4 Fair	6	20.7	21.4	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		

Q23I Please rate your degree program on this element: Faculty advising and mentorship

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent	7	24.1	26.9	26.9
	2 Very good	9	31.0	34.6	61.5
	3 Good	6	20.7	23.1	84.6
	4 Fair	4	13.8	15.4	100.0
	Total	26	89.7	100.0	
Missing	-1 No answer (web)	2	6.9		
	System	1	3.4		
	Total	3	10.3		
Total		29	100.0		

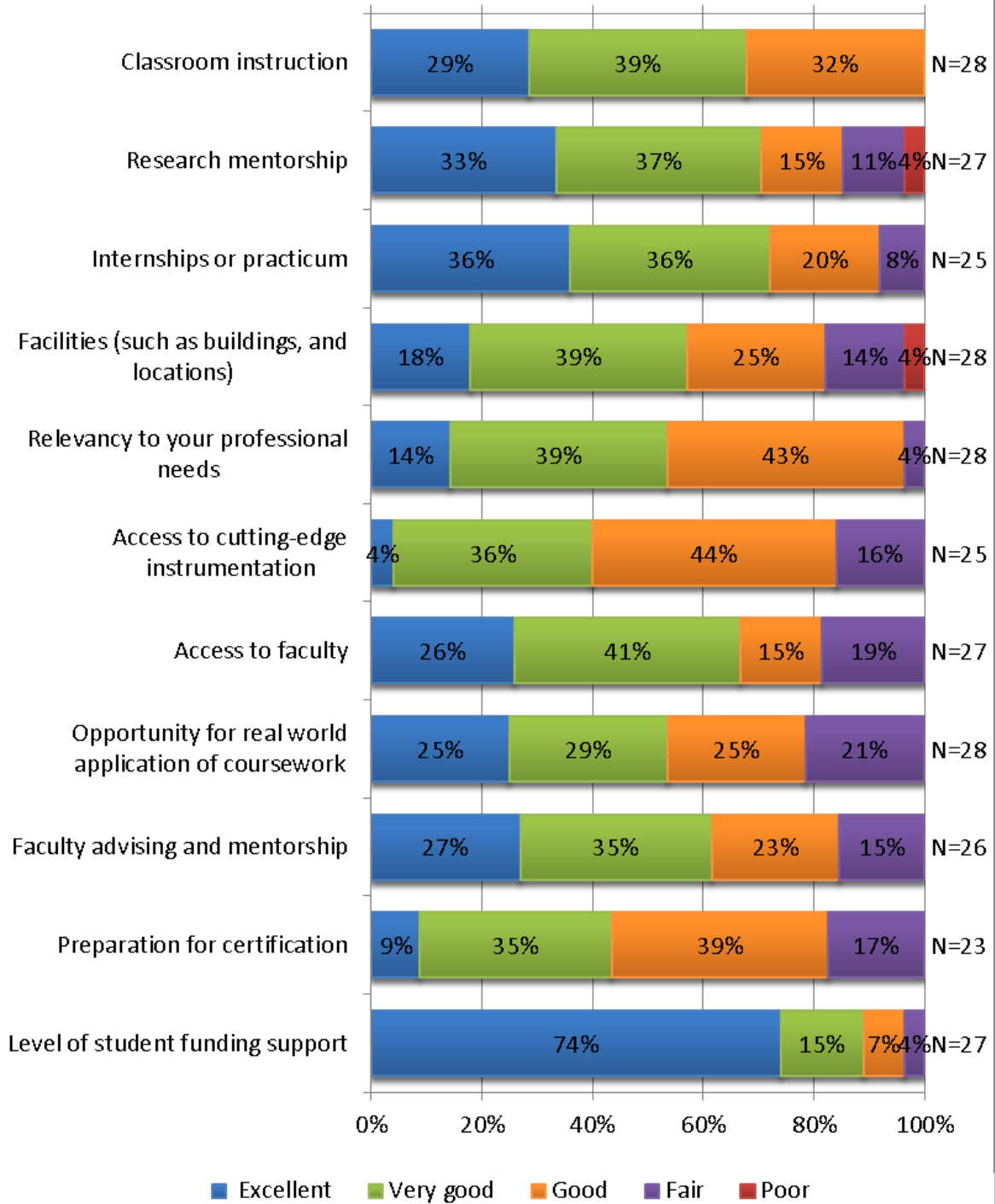
Q23J Please rate your degree program on this element: Preparation for certification

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent	2	6.9	8.7	8.7
	2 Very good	8	27.6	34.8	43.5
	3 Good	9	31.0	39.1	82.6
	4 Fair	4	13.8	17.4	100.0
	Total	23	79.3	100.0	
Missing	-9 Refused (phone)	1	3.4		
	-1 No answer (web)	4	13.8		
	System	1	3.4		
	Total	6	20.7		
Total		29	100.0		

Q23K Please rate your degree program on this element: Level of student funding support

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent	20	69.0	74.1	74.1
	2 Very good	4	13.8	14.8	88.9
	3 Good	2	6.9	7.4	96.3
	4 Fair	1	3.4	3.7	100.0
	Total	27	93.1	100.0	
Missing	-1 No answer (web)	1	3.4		
	System	1	3.4		
	Total	2	6.9		
Total		29	100.0		

Q23 Please rate your degree program on this element:



Q24A How would you rate your program in terms of the: Communication skills and training

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent	2	6.9	7.1	7.1
	2 Very good	13	44.8	46.4	53.6
	3 Good	10	34.5	35.7	89.3
	4 Fair	3	10.3	10.7	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		

Q24B How would you rate your program in terms of the: Teamwork skills and experience

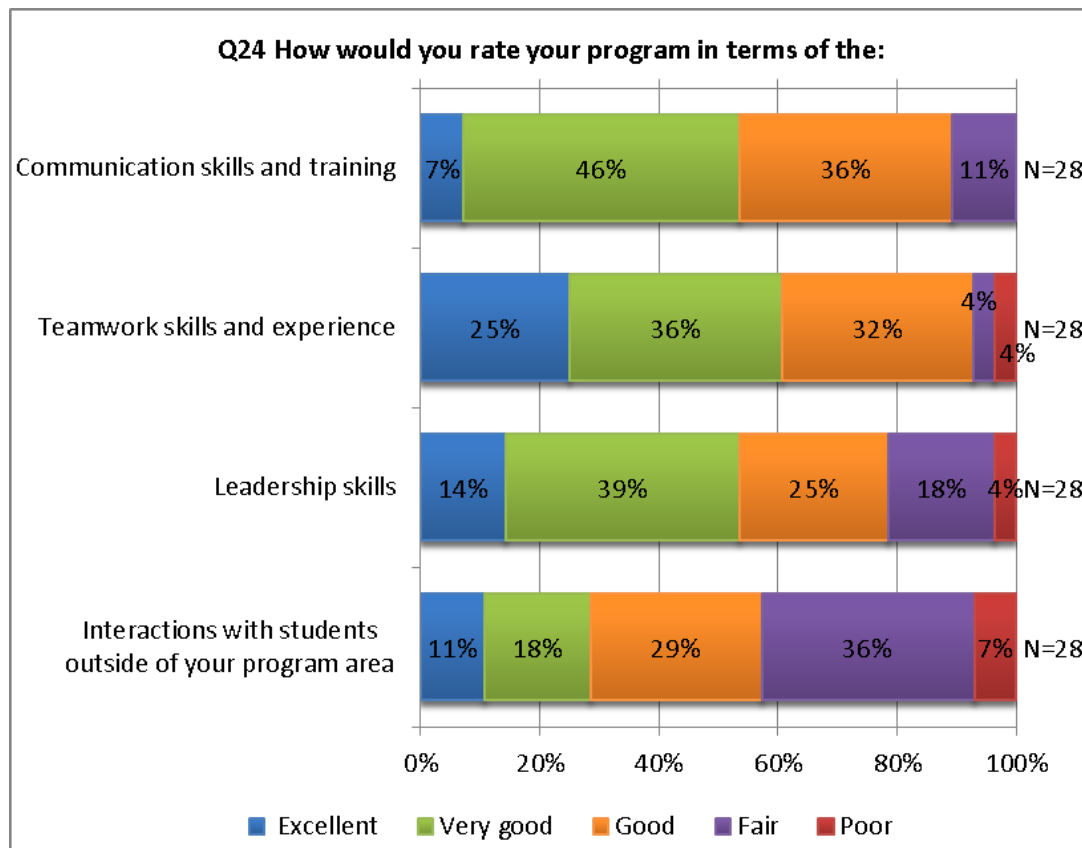
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent	7	24.1	25.0	25.0
	2 Very good	10	34.5	35.7	60.7
	3 Good	9	31.0	32.1	92.9
	4 Fair	1	3.4	3.6	96.4
	5 Poor	1	3.4	3.6	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		

Q24C How would you rate your program in terms of the: Leadership skills

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent	4	13.8	14.3	14.3
	2 Very good	11	37.9	39.3	53.6
	3 Good	7	24.1	25.0	78.6
	4 Fair	5	17.2	17.9	96.4
	5 Poor	1	3.4	3.6	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		

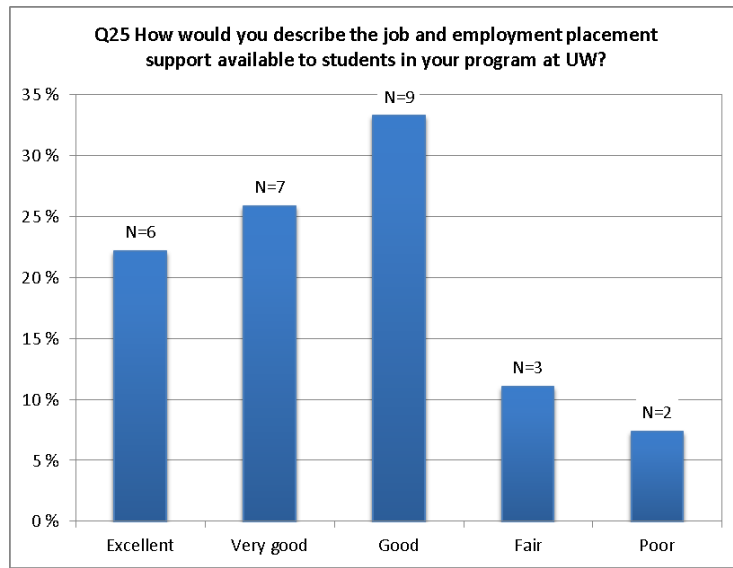
Q24D How would you rate your program in terms of the: Interactions with students outside of your program area

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent	3	10.3	10.7	10.7
	2 Very good	5	17.2	17.9	28.6
	3 Good	8	27.6	28.6	57.1
	4 Fair	10	34.5	35.7	92.9
	5 Poor	2	6.9	7.1	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		



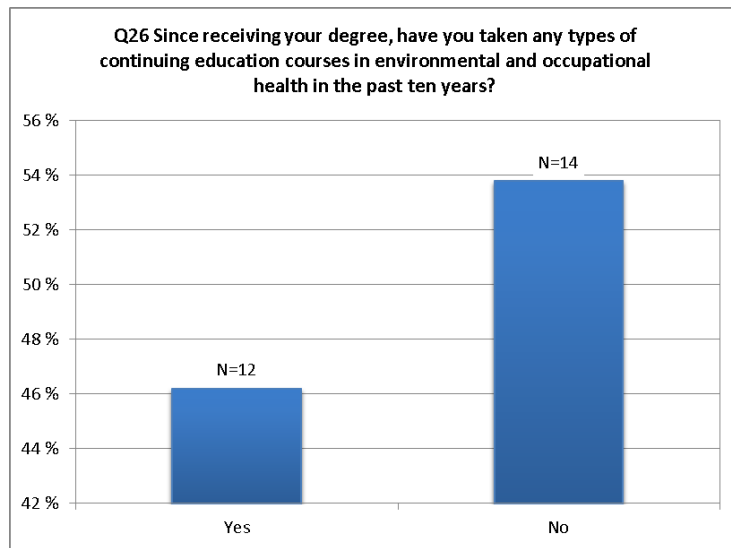
Q25 How would you describe the job and employment placement support available to students in your program at UW?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Excellent	6	20.7	22.2	22.2
	2 Very good	7	24.1	25.9	48.1
	3 Good	9	31.0	33.3	81.5
	4 Fair	3	10.3	11.1	92.6
	5 Poor	2	6.9	7.4	100.0
	Total	27	93.1	100.0	
Missing	-1 No answer (web)	1	3.4		
	System	1	3.4		
	Total	2	6.9		
Total		29	100.0		



Q26 Since receiving your degree, have you taken any types of continuing education courses in environmental and occupational health in the past ten years?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	12	41.4	46.2	46.2
	2 No	14	48.3	53.8	100.0
	Total	26	89.7	100.0	
Missing	-9 Refused (phone)	1	3.4		
	-1 No answer (web)	1	3.4		
	System	1	3.4		
	Total	3	10.3		
Total		29	100.0		



Q27A Where were the environmental and occupational health continuing education courses taken? University of Washington

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	5	17.2	55.6	55.6
	2 No	4	13.8	44.4	100.0
	Total	9	31.0	100.0	
Missing	-1 No answer (web)	4	13.8		
	System	16	55.2		
	Total	20	69.0		
Total		29	100.0		

Q27B Where were the environmental and occupational health continuing education courses taken? Other Universities

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	2	6.9	28.6	28.6
	2 No	5	17.2	71.4	100.0
	Total	7	24.1	100.0	
Missing	-1 No answer (web)	6	20.7		
	System	16	55.2		
	Total	22	75.9		
Total		29	100.0		

Q27C Where were the environmental and occupational health continuing education courses taken? Professional Associations

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	8	27.6	80.0	80.0
	2 No	2	6.9	20.0	100.0
	Total	10	34.5	100.0	
Missing	-1 No answer (web)	3	10.3		
	System	16	55.2		
	Total	19	65.5		
Total		29	100.0		

Q27D Where were the environmental and occupational health continuing education courses taken? Private vendors

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	5	17.2	71.4	71.4
	2 No	2	6.9	28.6	100.0
	Total	7	24.1	100.0	
Missing	-1 No answer (web)	6	20.7		
	System	16	55.2		
	Total	22	75.9		
Total		29	100.0		

Q27E Where were the environmental and occupational health continuing education courses taken? Government/State Agencies

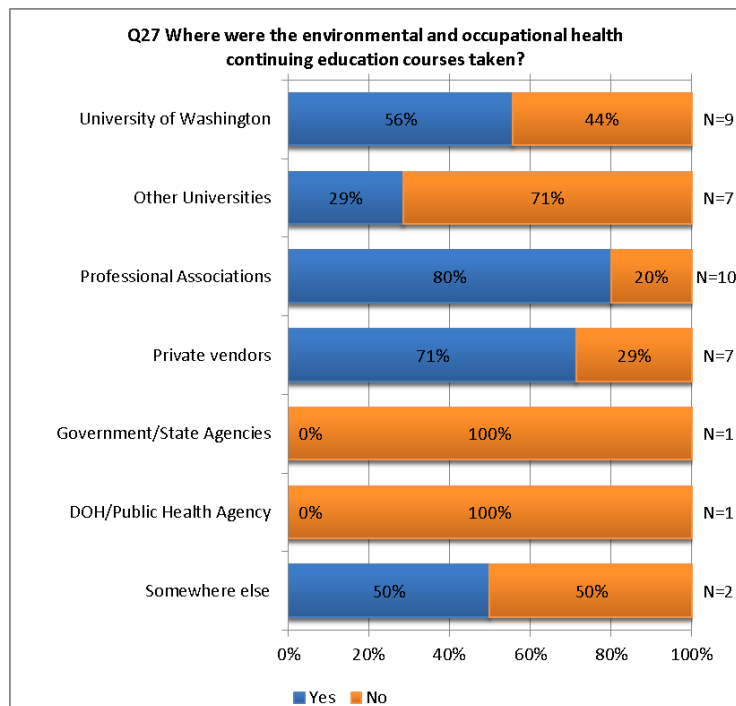
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 No	1	3.4	100.0	100.0
Missing	System	28	96.6		
Total		29	100.0		

Q27F Where were the environmental and occupational health continuing education courses taken? DOH/Public Health Agency

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 No	1	3.4	100.0	100.0
Missing	System	28	96.6		
Total		29	100.0		

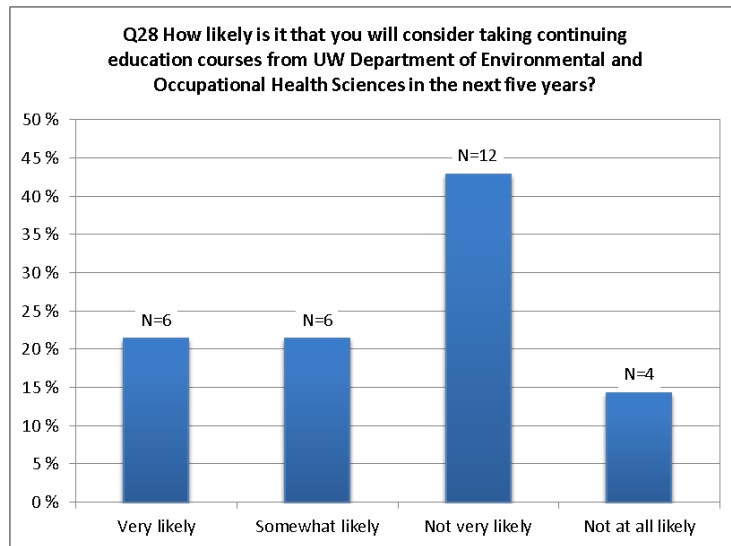
Q27G Where were the environmental and occupational health continuing education courses taken? Somewhere else

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	1	3.4	50.0	50.0
	2 No	1	3.4	50.0	100.0
	Total	2	6.9	100.0	
Missing	-1 No answer (web)	11	37.9		
	System	16	55.2		
	Total	27	93.1		
Total		29	100.0		



Q28 How likely is it that you will consider taking continuing education courses from UW Department of Environmental and Occupational Health Sciences in the next five years?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Very likely	6	20.7	21.4	21.4
	2 Somewhat likely	6	20.7	21.4	42.9
	3 Not very likely	12	41.4	42.9	85.7
	4 Not at all likely	4	13.8	14.3	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		



Q29A What form of continuing education courses will you be most likely to take from the Environmental and Occupational Health Sciences in the next five years? On campus

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	9	31.0	90.0	90.0
	2 No	1	3.4	10.0	100.0
	Total	10	34.5	100.0	
Missing	-1 No answer (web)	2	6.9		
	System	17	58.6		
	Total	19	65.5		
Total		29	100.0		

Q29B What form of continuing education courses will you be most likely to take from the Environmental and Occupational Health Sciences in the next five years? Online

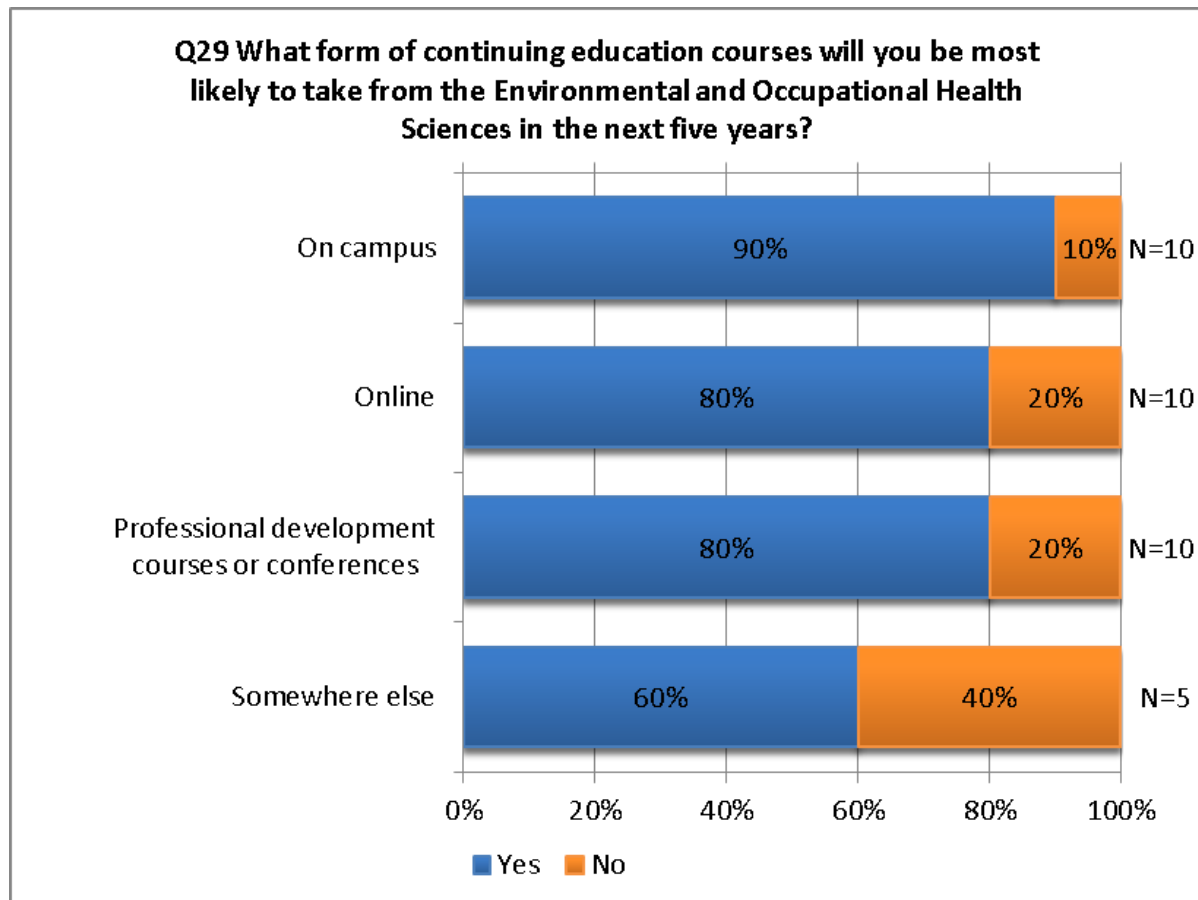
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	8	27.6	80.0	80.0
	2 No	2	6.9	20.0	100.0
	Total	10	34.5	100.0	
Missing	-1 No answer (web)	2	6.9		
	System	17	58.6		
	Total	19	65.5		
Total		29	100.0		

Q29C What form of continuing education courses will you be most likely to take from the Environmental and Occupational Health Sciences in the next five years? Professional development courses or conferences

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	8	27.6	80.0	80.0
	2 No	2	6.9	20.0	100.0
	Total	10	34.5	100.0	
Missing	-1 No answer (web)	2	6.9		
	System	17	58.6		
	Total	19	65.5		
Total		29	100.0		

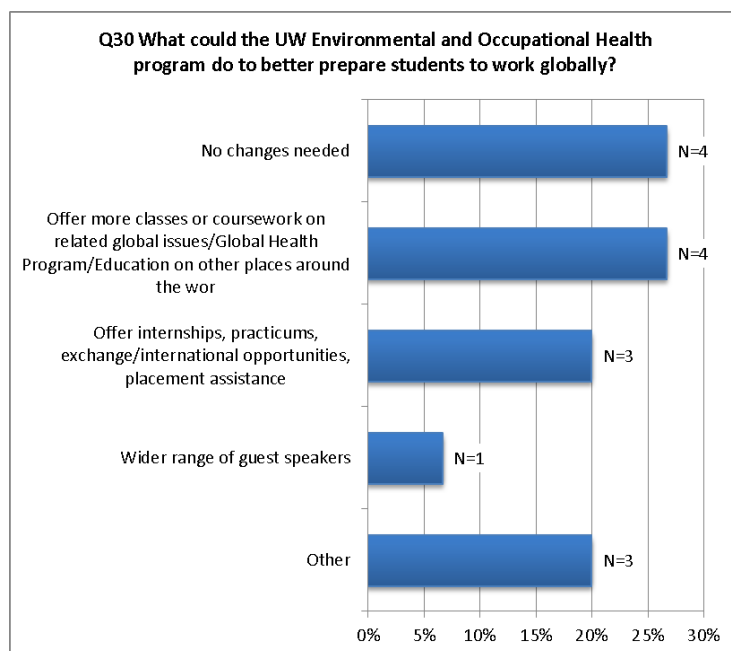
Q29D What form of continuing education courses will you be most likely to take from the Environmental and Occupational Health Sciences in the next five years? Somewhere else

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	3	10.3	60.0	60.0
	2 No	2	6.9	40.0	100.0
	Total	5	17.2	100.0	
Missing	-7 Don't know (phone)	1	3.4		
	-1 No answer (web)	6	20.7		
	System	17	58.6		
	Total	24	82.8		
Total		29	100.0		



Q30 What could the UW Environmental and Occupational Health program do to better prepare students to work globally?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 No changes needed	4	13.8	26.7	26.7
	1 Offer more classes or coursework on related global issues/Global Health Program/Education on other places around the wor	4	13.8	26.7	53.3
	3 Offer internships, practicums, exchange/international opportunities, placement assistance	3	10.3	20.0	73.3
	7 Wider range of guest speakers	1	3.4	6.7	80.0
	97 Other	3	10.3	20.0	100.0
	Total	15	51.7	100.0	
Missing	-7 Don't know (phone)	2	6.9		
	System	12	41.4		
	Total	14	48.3		
Total		29	100.0		



Q31A Should the following be included in future academic training for environmental or occupational health issues? Economics

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	18	62.1	66.7	66.7
	2 No	9	31.0	33.3	100.0
	Total	27	93.1	100.0	
Missing	-9 Refused	1	3.4		
	System	1	3.4		
	Total	2	6.9		
Total		29	100.0		

Q31B Should the following be included in future academic training for environmental or occupational health issues? Use of new technologies

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	24	82.8	92.3	92.3
	2 No	2	6.9	7.7	100.0
	Total	26	89.7	100.0	
Missing	-9 Refused	1	3.4		
	-1 No answer (web)	1	3.4		
	System	1	3.4		
	Total	3	10.3		
Total		29	100.0		

Q31C Should the following be included in future academic training for environmental or occupational health issues? Management

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	21	72.4	80.8	80.8
	2 No	5	17.2	19.2	100.0
	Total	26	89.7	100.0	
Missing	-9 Refused	1	3.4		
	-1 No answer (web)	1	3.4		
	System	1	3.4		
	Total	3	10.3		
Total		29	100.0		

Q31D Should the following be included in future academic training for environmental or occupational health issues? Effective training techniques

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	18	62.1	69.2	69.2
	2 No	8	27.6	30.8	100.0
	Total	26	89.7	100.0	
Missing	-9 Refused	1	3.4		
	-1 No answer (web)	1	3.4		
	System	1	3.4		
	Total	3	10.3		
Total		29	100.0		

Q31E Should the following be included in future academic training for environmental or occupational health issues? Cultural competency

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	18	62.1	66.7	66.7
	2 No	9	31.0	33.3	100.0
	Total	27	93.1	100.0	
Missing	-9 Refused	1	3.4		
	System	1	3.4		
	Total	2	6.9		
Total		29	100.0		

Q31F Should the following be included in future academic training for environmental or occupational health issues? Communication / Leadership

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 No	6	20.7	100.0	100.0
Missing	-9 Refused	1	3.4		
	System	22	75.9		
	Total	23	79.3		
Total		29	100.0		

Q31G Should the following be included in future academic training for environmental or occupational health issues? Practical appliances / Real world experiences

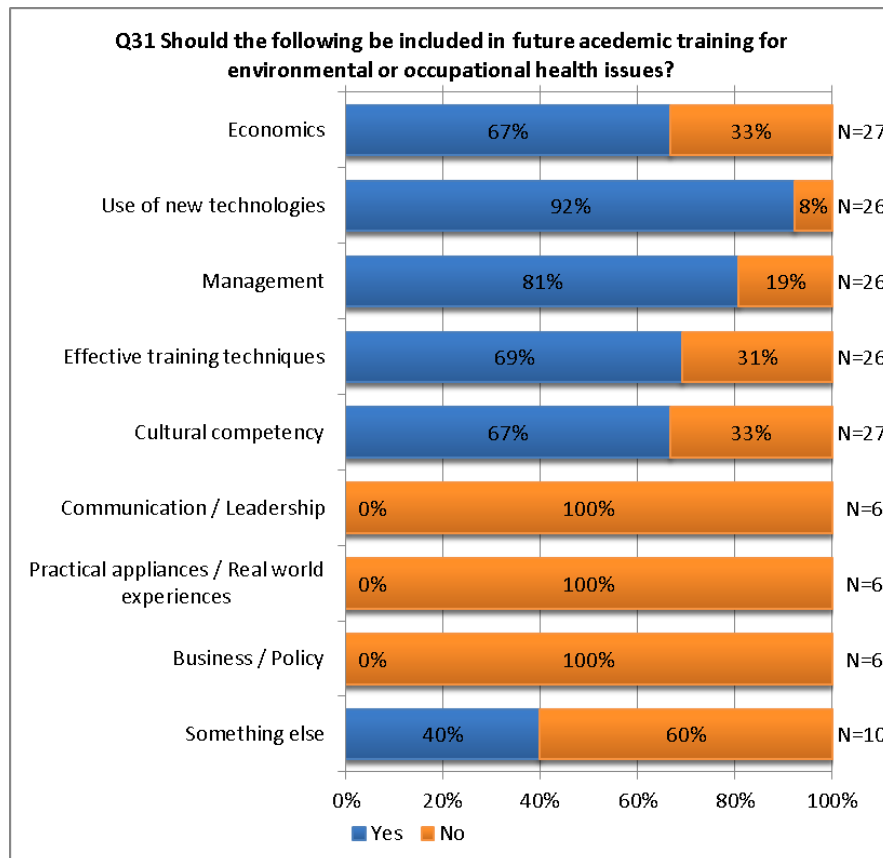
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 No	6	20.7	100.0	100.0
Missing	-9 Refused	1	3.4		
	System	22	75.9		
	Total	23	79.3		
Total		29	100.0		

Q31H Should the following be included in future academic training for environmental or occupational health issues? Business / Policy

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 No	6	20.7	100.0	100.0
Missing	-9 Refused	1	3.4		
	System	22	75.9		
	Total	23	79.3		
Total		29	100.0		

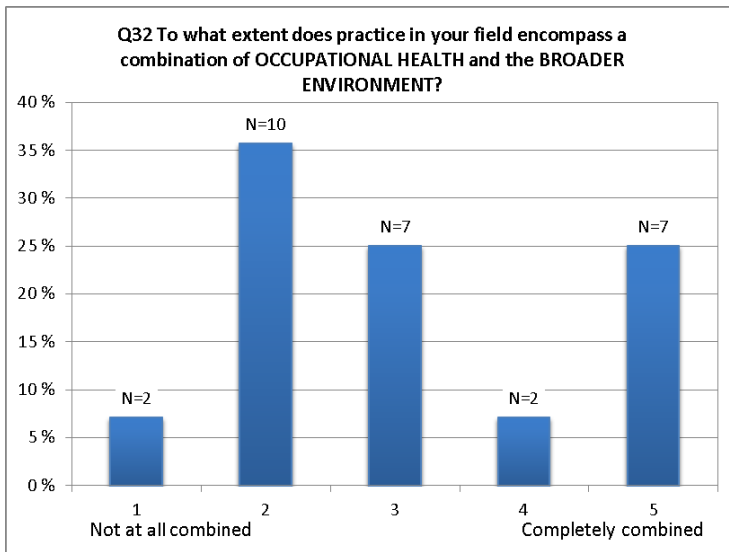
Q31I Should the following be included in future academic training for environmental or occupational health issues? Something else

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Yes	4	13.8	40.0	40.0
	2 No	6	20.7	60.0	100.0
	Total	10	34.5	100.0	
Missing	-9 Refused	1	3.4		
	-1 No answer (web)	17	58.6		
	System	1	3.4		
	Total	19	65.5		
Total		29	100.0		



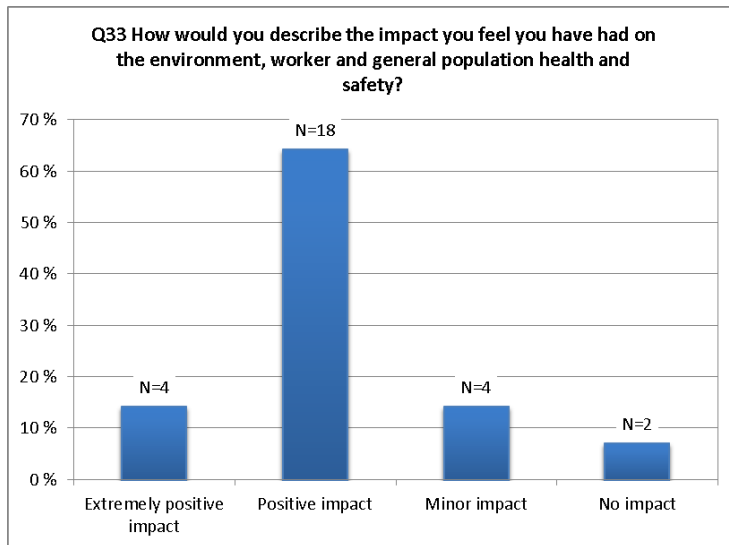
Q32 To what extent does practice in your field encompass a combination of OCCUPATIONAL HEALTH and the BROADER ENVIRONMENT?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 1 - Not at all combined	2	6.9	7.1	7.1
	2 2	10	34.5	35.7	42.9
	3 3	7	24.1	25.0	67.9
	4 4	2	6.9	7.1	75.0
	5 5 - Completely combined	7	24.1	25.0	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		



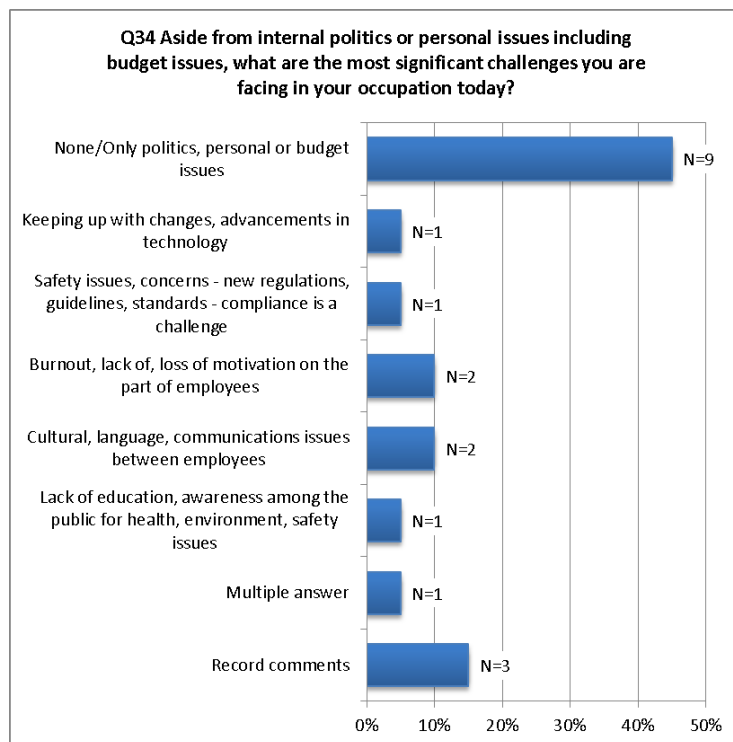
Q33 How would you describe the impact you feel you have had on the environment, worker and general population health and safety?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Extremely positive impact	4	13.8	14.3	14.3
	2 Positive impact	18	62.1	64.3	78.6
	3 Minor impact	4	13.8	14.3	92.9
	4 No impact	2	6.9	7.1	100.0
	Total	28	96.6	100.0	
Missing	System	1	3.4		
Total		29	100.0		



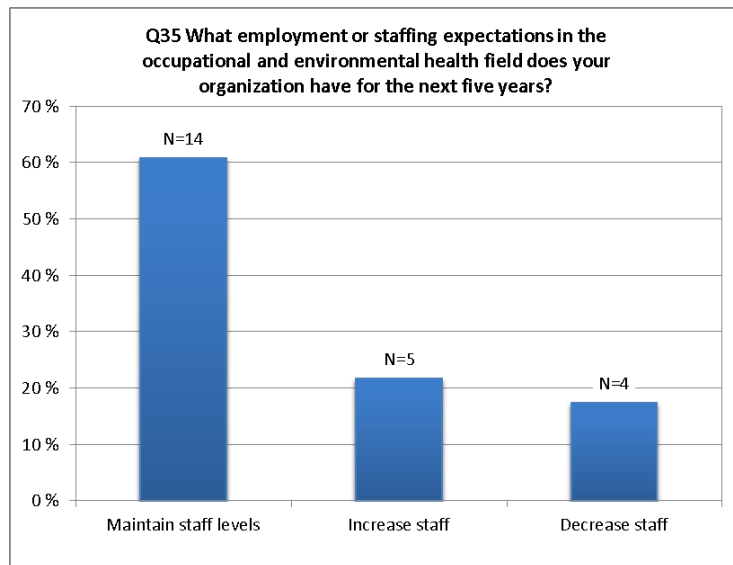
Q34 Aside from internal politics or personal issues including budget issues, what are the most significant challenges you are facing in your occupation today?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	0 None/Only politics, personal or budget issues	9	31.0	45.0	45.0
	1 Keeping up with changes, advancements in technology	1	3.4	5.0	50.0
	2 Safety issues, concerns - new regulations, guidelines, standards - compliance is a challenge	1	3.4	5.0	55.0
	7 Burnout, lack of, loss of motivation on the part of employees	2	6.9	10.0	65.0
	9 Cultural, language, communications issues between employees	2	6.9	10.0	75.0
	10 Lack of education, awareness among the public for health, environment, safety issues	1	3.4	5.0	80.0
	95 Multiple answer	1	3.4	5.0	85.0
	97 Record comments	3	10.3	15.0	100.0
	Total	20	69.0	100.0	
Missing	-7 Don't know (phone)	2	6.9		
	System	7	24.1		
	Total	9	31.0		
Total		29	100.0		



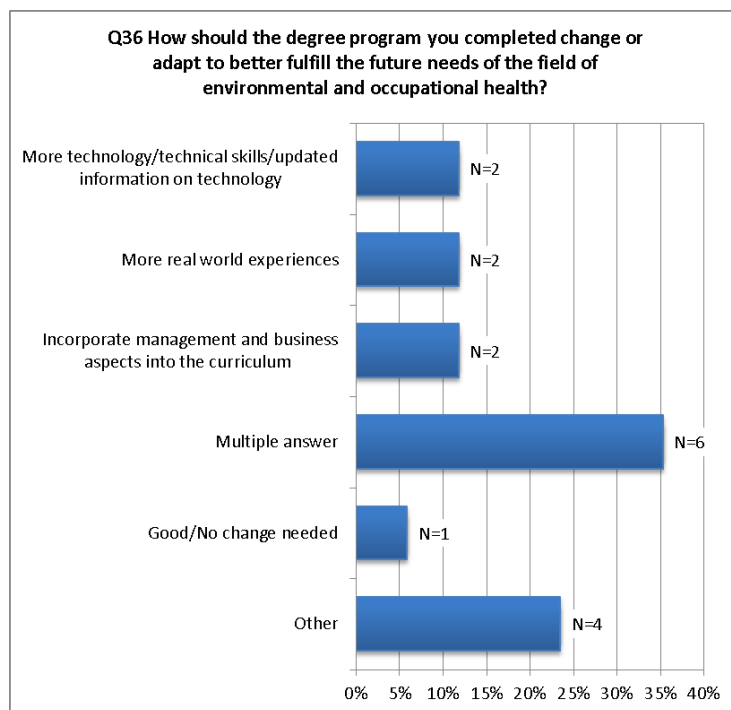
Q35 What employment or staffing expectations in the occupational and environmental health field does your organization have for the next five years?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Maintain staff levels	14	48.3	60.9	60.9
	2 Increase staff	5	17.2	21.7	82.6
	3 Decrease staff	4	13.8	17.4	100.0
	Total	23	79.3	100.0	
Missing	-9 Refused (phone)	1	3.4		
	-7 Don't know (phone)	2	6.9		
	-1 No answer (web)	2	6.9		
	System	1	3.4		
	Total	6	20.7		
Total		29	100.0		



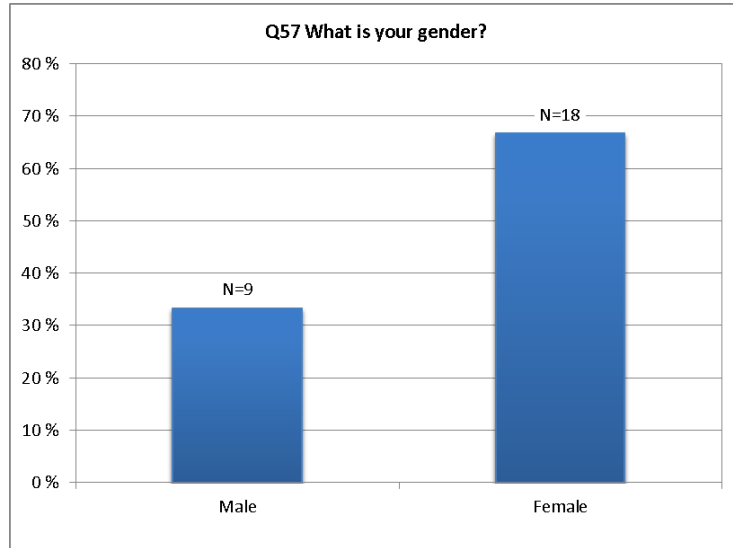
Q36 How should the degree program you completed change or adapt to better fulfill the future needs of the field of environmental and occupational health?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	2 More technology/technical skills/updated information on technology	2	6.9	11.8	11.8
	4 More real world experiences	2	6.9	11.8	23.5
	14 Incorporate management and business aspects into the curriculum	2	6.9	11.8	35.3
	93 Multiple answer	6	20.7	35.3	70.6
	96 Good/No change needed	1	3.4	5.9	76.5
	97 Other	4	13.8	23.5	100.0
	Total	17	58.6	100.0	
Missing	-7 Don't know (phone)	1	3.4		
	System	11	37.9		
	Total	12	41.4		
Total		29	100.0		



Q57 What is your gender?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Male	9	31.0	33.3	33.3
	2 Female	18	62.1	66.7	100.0
	Total	27	93.1	100.0	
Missing	-1 No answer (web)	1	3.4		
	System	1	3.4		
	Total	2	6.9		
Total		29	100.0		



THX Do you have any further comments?

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1 Comment	9	31.0	56.3	56.3
	2 No comment	7	24.1	43.8	100.0
	Total	16	55.2	100.0	
Missing	System	13	44.8		
Total		29	100.0		

Open-ended Responses

Mode	Alias	Result
Q06	What other degrees did you earn/are you currently working on?	
web	Q06	Doctor of osteopathic medicine
web	Q06	MPA
Q08	From what university did/will you earn that degree?	
web	Q08	Pnwu
Q010I	Did you complete the following certification program? Other	
phone	Q10I	Associates Organomic Practioner
Q12A	What are the main reasons you were never employed in the field?	
web	Q12A	Was not my main area of career focus immediately after graduation, but will likely move into this somewhat in the near future.
web	Q12A	Still a PhD student
web	Q12A	Was unable to find a position.
Q14P	Does the following area of specialization apply to your current/most recent position in the field? Something else	
web	Q14P	Management Systems
web	Q14P	education
Q15	By what type of organization are/were you employed?	
phone	Q15	Federal Government
Q17	Which industry or sector best describes the industry or sector in which you are/were employed?	
web	Q17	Energy
phone	Q17	General warehousing
Q18	In what state are/were you employed?	
web	Q18	Georgia
web	Q18	West Virginia
web	Q18	Washington
web	Q18	Wa
web	Q18	District of Columbia
web	Q18	Oregon
web	Q18	Washington
web	Q18	Washington
web	Q18	Washington
web	Q18	Ohio
web	Q18	Washington
web	Q18	Texas
web	Q18	Washington
web	Q18	Washington
web	Q18	Ohio
web	Q18	Washington
web	Q18	Washington

Q18b	In what country are/were you employed?	
web	Q18B	US
web	Q18B	Guatemala
Q20a	Do/Did you work full or part time in this/that position?	
web	Q20A	full time/ 9 month appointment
Q22P	Are there other aspects of the training you received, as you worked toward your UW degree, in your program on which you would like to comment?	
phone	Q22P	It was a good experience overall.
web	Q22P	Teaching and writing skills
web	Q22P	No
web	Q22P	It would have been great to have had more training in health impact assessments and community based research opportunities. I think there could have been more training on environmental health sciences. I know the department is historically stronger in occupational health sciences. I also think there could have been stronger thesis mentorship, more opportunities for research for Master's students, as well as funding opportunities for Master's students.
web	Q22P	Instructors and professors were outstanding in their technical areas, but it sometimes felt like an extremely academic pursuit, given how hands on and technical my job is currently. That said, I did enjoy my time and I got a really great job. In fact... I came to UW b/c they strongly encourage an internship in the summer... that internship led to my current job. I feel very fortunate about this.
web	Q22P	N/A
phone	Q22P	There was plenty of opportunity to do extracurricular activities that would help you get a job later on, which was not part of the program.
web	Q22P	Mentorship is very important and while my experience was good in the end others have had a challenging experience in dealing with their mentors.
web	Q22P	My master's thesis research was a great opportunity to gain both lab and field work experience.
web	Q22P	I am disappointed that the IH master's degree program is not ABET accredited. I would have been able to sit for my professional certification exam two years ago if my MS degree came from an ABET accredited program.
web	Q22P	Wish the program would have retained its ABET accreditation.
web	Q22P	The program provided a challenging environment where I learned how to ask intelligent questions and analyze situations to come to good decisions. This is something I've taken to the workplace.
Q27G	Where were the environmental and occupational health continuing education courses taken? Somewhere else	
web	Q27G	Training in SAS
web	Q27G	Columbia University Video Network
Q29D	What form of continuing education courses will you be most likely to take from the Environmental and Occupational Health Sciences in the next five years? Somewhere else	
web	Q29D	Other UW departments
phone	Q29D	It would depend on my schedule, courses, and availability to go out and do it.
web	Q29D	CIH prep course
Q30	What could the UW Environmental and Occupational Health program do to better	

prepare students to work globally?		
phone	Q30	Offer more intern opportunities globally.
web	Q30	I think the OEM program is doing a good job of this already, though combing a little more with Global Health could increase this possibility.
web	Q30	Offer more funding and grants for projects abroad
web	Q30	I think the department could incorporate global perspectives in the classroom, as well as research. UW has a great Global Health program, perhaps there could be more partnerships and interactions with that department as well as other interdisciplinary research and coordination with departments across campus. Also, perhaps the program could bring in guest speakers from different perspectives to the weekly seminars. Also, there could be more diversity in the backgrounds of such individuals and topics.
web	Q30	I don't have an opinion on this b/c it was never my goal to have a job outside of the U.S.
web	Q30	Additional courses related to issues in the global landscape where industrial hygiene knowledge learned here in the USA would apply in a developing nation such as Uganda could be helpful.
web	Q30	Portfolio internship is better than strict research projects for those going into industry.
phone	Q30	Addressing standards in other regions, common and best practices in other regions, what the standards are in terms of what positions are offered in other regions, and bring in case examples for each of the major areas from companies either that are located in other nations or have branches internationally.
web	Q30	EHS management skills would help. Preparation for running a comprehensive occupational health AND environmental program. More emphasis on safety and ergonomics.
web	Q30	N/A
web	Q30	Provide more occupational safety courses. Additionally, with the numerous local industries, providing access to courses in other relevant departments as part of the major would be beneficial. To give an example, many of the alumni I work with at Boeing graduated from the UW DEOHS. However, they have never taken an aerospace course in their life. I think it is obviously important to learn the core occupational exposure science courses, but considering the major industries in Puget Sound, understanding some of those businesses is just as important for being effective.
web	Q30	Offer a broader range of courses in EO Health. The majority of the courses were very technical and specific and were less applicable to someone in Health Services. I also think that more focus on disparities work within EO would be important.
Q31I	Should the following be included in future academic training for environmental or occupational health issues? Something else	
web	Q31I	Health impact assessments
web	Q31I	Non-atmospheric hazards (physical hazards)
web	Q31I	Introduction to Aerospace Engineering
web	Q31I	plain English
web	Q31I	disparities
Q34	Aside from internal politics or personal issues including budget issues, what are the most significant challenges you are facing in your occupation today?	
web	Q34	Keeping up with current science. I have very little time in my job to do this.
phone	Q34	Employee involvement.
phone	Q34	Getting ahead of hazards, being able to stay ahead of hazards before they hurt somebody. Identifying them and being able to change them.
phone	Q34	lack of funding opportunities

web	Q34	I think the most significant challenges include raising awareness on this issue among the general public, as well as bridging connections and communication among diverse stakeholders within the field.
phone	Q34	The hardest thing is employee accountability.
web	Q34	Culture change in large organizations
web	Q34	Some of the most significant challenges include the general public's perceptions on the politicization of the context of our research and the glacial pace at which laws and policies are changed.
phone	Q34	Dealing with inadequate communication and interdisciplinary things.
web	Q34	Creating a "safety culture" within the organization has not been successful.
web	Q34	Risk Communication
web	Q34	Lack of resources to perform my job effectively. And, a company that fundamentally does not value workplace safety. Finally, outside of the core team I am a part of, the greater EHS group does not have a clue how to take their expertise in health, safety, and industrial hygiene and make it effective because there is little understanding of project or program management. The biggest hindrance is going to school to learn a field with the understanding that you will become a consultant, academic, or compliance officer, only to find that in reality the job you now have is safety or industrial hygiene project management. I think the technical knowledge I received from DEOHS was par none, but it would have been very beneficial to have had a project management course and more importantly an understanding that in addition to identifying workplace hazards, we are also responsible for controlling those workplace hazards.
Q36	How should the degree program you completed change or adapt to better fulfill the future needs of the field of environmental and occupational health?	
phone	Q36	A little bit more emphasis on employee interactions in terms of safety management.
phone	Q36	Just evolve with new instruments and techniques, and keep on top of new standards.
web	Q36	Uncertain
phone	Q36	no comment
web	Q36	I think the program could address more aspects of environmental exposure sciences (in addition to occupational health). I also think that there could be coursework on new technologies that are less time-intensive than the lab class currently offered. I also think that it would be helpful to get perspective on the field from other related disciplines. I also think it would be great if there was more student-faculty and alumni interaction within the program for us to gain more perspective and build relationships.
web	Q36	More field experiences. More interaction with a variety of professional working in the field. Work more closely with local branch of AIHA. I didn't get to take noise/hearing/etc -- would have been good to take that since it's such a common workplace exposure.
web	Q36	Including courses related to the built environment might be something of interest to future students...
phone	Q36	Touching on technological changes and equipment.
web	Q36	Enroll experienced professionals and hone their skills. Some were just using DEOHS as a bridge or gap filler before med school or other path.
web	Q36	The MS program can change to fulfill future needs of the field by including broader options for course work with less focus on simply occupational health and safety and providing context for those skills through environmental health research in general.

phone	Q36	By bringing in more real world case examples into the classes, especially the exposure sciences classes. By ensuring that any class is teaching real life examples and that those examples are within the last decade so it is more relevant to the class. Also ensuring the consulting class and internship opportunities are accessible to the students in the programs.
web	Q36	More education on "total exposure" from both occ and env sources. How to choose appropriate OEELs. Workers compensation issues/process (not just WA state). How to determine the business monetary cost associated with occupational health exposures.
web	Q36	-Strength the ventilation courses -Offer more technical courses on non-atmospheric hazards (physical hazards) -More on sampling strategies and methods
phone	Q36	Potentially increase focus on lean manufacturing ie sixsigma as it relates to efficiency and ergonomics as a way to increase safety while meeting the needs of production.
web	Q36	Seek ABET accreditation.
web	Q36	I think there needs to be more technical Industrial Hygiene classes added like radiation, ventilation, and noise engineering.
phone	Q36	More real-world experience
web	Q36	More project management, more understanding of how to build solutions rather than purely identify issues, and more understanding of the industry, in my case, aerospace.
Additional Comments		
web	THX	Keep up the good work!
web	THX	no
web	THX	No, thank you for your questions and consideration of our input.
web	THX	Nope. Thanks for funding me. As a student who already had a mortgage, I couldn't have made it through without that support.
web	THX	N/A
web	THX	My experience at DEOHS was fantastic and provided me with both the skills I needed to continue my education in environmental health and also with the curiosity and desire to learn more.
web	THX	Good luck. I hope this response is helpful.
web	THX	None.
web	THX	UW DEOHS was a great program and fantastic experience. I'm extremely proud to have been a student in the program.

Web Survey Screen Shots

Survey of DEOHS and OEM Alumni Web Survey Screen Shots April 4, 2014



DEPARTMENT OF ENVIRONMENTAL & OCCUPATIONAL HEALTH SCIENCES
SCHOOL OF PUBLIC HEALTH

W UNIVERSITY of WASHINGTON

Survey of DEOHS and OEM Alumni

Welcome!

The University of Washington Department of Environmental and Occupational Health Sciences (DEOHS) is proud to call you one of its alumni! As a recent graduate, you have been selected for a survey regarding your educational experience, as well as how you are doing in your career post-graduation. Your feedback is important to us, so we hope you will take a few minutes to complete this survey.

This survey is voluntary and all response will be kept confidential. The Social and Economic Sciences Research Center is implementing this survey on behalf of the University of Washington Department of Environmental and Occupational Health Sciences (DEOHS).

If you have any questions about the survey please contact me by calling: 509-335-6202 or email krebill@wsu.edu.

Thank you!

Sincerely,

Rose Krebill

Rose Krebill
SESRC Study Manager

Emblem: a Northwest Coast Indian symbol of physical and mental well-being. Artist: Marvin Oliver

Please enter your Access Code listed in
the message we sent to you:

Submit Personal Access Code

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Survey of DEOHS and OEM Alumni

Question 0 of 58

We realize your time is valuable, so we have designed this on-line survey to allow you to stop at any point and restart the survey at your convenience. Here are just a few instructions to assist you in completing the survey.

1. To leave the survey at any time, just close or exit your Internet browser.
2. To restart the survey where you left off, re-enter your access code at the login screen.
3. You may return to previous questions at any time by clicking the survey "Back" button at the bottom of your screen. DO NOT USE your browser's "Back" button, as this will take you back to the login screen.
4. If you accidentally click your browser's "Back" button you will be taken to the login screen. Simply re-enter your access code to be returned to your previous place in the survey.
5. There are several types of response fields:
 - a. Radio buttons (round) allow you to choose one option.
 - b. Check boxes (square) allow you to choose as many of the options as are applicable.
 - c. Short fields are intended for numerical values.
 - d. Longer fields allow you to type in a text response.
6. The number of questions asked depends on your answers. Most respondents will not be asked all the questions.

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IF Group = "OEM" → Q01da
ELSEIF Group = "HSR" → Q01c
ELSEIF Group = "OHNP" → Q01b
ELSE → Q01a



Survey of DEOHS and OEM Alumni

Question 1A of 58

Did you graduate with a degree from the Department of Environmental and Occupational Health Sciences at the University of Washington?

- Yes
 No

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IF Q01a = "Yes" → Q02a
ELSE → Q02c



Survey of DEOHS and OEM Alumni

Question 1B of 58

Did you graduate from the Occupational Health Nursing Program at the University of Washington?

- Yes
- No

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IF Q01b = "Yes" → Q02b
ELSE → Q02c



Survey of DEOHS and OEM Alumni

Question 1C of 58

Did you graduate from the Health Services Research Training Program at the University of Washington?

- Yes
- No

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IF Q01c = "Yes" → Q01db
ELSE → Q02c



Survey of DEOHS and OEM Alumni

Question 1D of 58

Did you complete the Occupational Medicine Fellowship at the University of Washington?

- Yes
- No

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→ Q02c



Survey of DEOHS and OEM Alumni

Question 2A of 58

What was the latest degree you earned from UW in the Department of Environmental and Occupational Health Sciences?

- Bachelor of Science/BS
- Masters/MS
- Masters Public Health/MPH
- Doctorate/PhD
- Other (*please specify*)

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→ Q01db



Survey of DEOHS and OEM Alumni

Question 2B of 58

What was the latest degree you earned from UW School of Nursing?

- Masters of Nursing/MN
- MS - Nursing
- PhD - Nursing
- Other (*please specify*)

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→ Q01db



Survey of DEOHS and OEM Alumni

Question 2C of 58

Did you earn a degree from the Department of Environmental and Occupational Health Sciences at the University of Washington?

- Yes → (please specify)
- No

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IF Group <> “OEM” → Q01db

ELSEIF Q02c = “No” AND Q01da = “No” → inelg01

ELSEIF Q02c = “No” AND (Q01da = “Yes” OR Q01da = “”) → Q40

ELSE → Q03



Survey of DEOHS and OEM Alumni

Question 1D of 58

Have you completed the Occupational Medicine Fellowship at the University of Washington?

- Yes
- No

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IF Q02c = “No” AND Q01db = “No” → inelg01

ELSEIF Q02c = “No” AND (Q01db = “Yes” OR Q01db = “”) → Q40

ELSEIF Q02a = “Bachelor of Science/BS” → Q04

ELSE → Q03



Survey of DEOHS and OEM Alumni

Question 3 of 58

Referring to your degree from the Department of Environmental and Occupational Health Sciences at the University of Washington, in which program did you receive that degree?

- Environmental Health
- Exposure sciences/Industrial Hygiene and Safety
- Toxicology/Environmental Toxicology
- Occupational and Environmental Medicine
- Environmental and Occupational Health
- Environmental and Occupational Hygiene (EOH)
- Occupational Health Nursing
- Health Services
- Other (please specify)
- Multiple programs (please specify)

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Survey of DEOHS and OEM Alumni

Question 4 of 58

In what year did you receive your degree?

- 2008 or earlier
- 2009
- 2010
- 2011
- 2012
- 2013
- 2014

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**IF Q04 = "2008 or earlier" AND (Q01db = "No" or Q01da = "No") → inelg01
ELSEIF Q04 = "2008 or earlier" → Q40
ELSE → Q05**



Survey of DEOHS and OEM Alumni

Question 5 of 58

Have you gone on to earn any other degrees in addition to the one referred to in the previous questions?

- Yes
- Currently working on degree
- No

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IF Q05 = "No" → Q09
ELSE → Q06



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Question 6 of 58

What other degrees did you earn/are you currently working on?

- BS (Bachelor of Science)
- MS (Master of Science)
- MPH (Masters Public Health)
- PhD (Doctorate)
- MD (Doctor of Medicine)
- DDS (Doctor of Dental Surgery)
- JD (Juris Doctorate)
- Other (please specify)

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Question 7 of 58

Was/Is that degree in a field related to Environmental or Occupational Health?

- Yes
- No

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Survey of DEOHS and OEM Alumni

Question 8 of 58

From what university did/will you earn that degree?

- University of Washington/UW
- Boston University
- Harvard
- Johns Hopkins
- Seattle University/SU
- University of California-Berkley
- University of Iowa
- University of Michigan
- University of North Carolina
- University of Puget Sound
- Yale University
- Other (please specify)

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Question 9 of 58

Have you received professional certification of any kind since receiving your degree?

- Yes
- No

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IF Q09 = "No" → Q11

ELSE → Q10



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Question 10 of 58

The following is a list of certification programs. For each one please indicate if you have completed it?

	Yes	No
CIH - Certified Industrial Hygienist	<input type="radio"/>	<input type="radio"/>
DABT - Diplomate of American Board of Toxicology	<input type="radio"/>	<input type="radio"/>
Board - Certification in Preventive Medicine/Occupational Medicine	<input type="radio"/>	<input type="radio"/>
COHN-S - Certified Occupational Health Nurse Specialist	<input type="radio"/>	<input type="radio"/>
CHMM - Certified Hazardous Materials Manager	<input type="radio"/>	<input type="radio"/>
CSP - Certified Safety Professional	<input type="radio"/>	<input type="radio"/>
RS/REHS - Registered Sanitarian/Registered Environmental Health Specialist	<input type="radio"/>	<input type="radio"/>
Nurse Practitioner	<input type="radio"/>	<input type="radio"/>
Other (please specify) <input type="text"/>	<input type="radio"/>	<input type="radio"/>

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Survey of DEOHS and OEM Alumni

Question 11 of 58

Are you currently employed in a field related to environmental or occupational health?

- Yes
- Temporarily on leave or temporarily out of the field
- No

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IF Q11 = "Yes" → Q13

ELSE → Q11a



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Question 11A of 58

The following is a list of employment situations. Which one best fits your current situation?

- Employed in another field
- Retired
- Unemployed
- A student
- Disabled
- A homemaker
- Other (*please specify*)

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Survey of DEOHS and OEM Alumni

Question 12 of 58

Were you ever employed in a field related to environmental or occupational health?

- Yes
- No

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IF Q12 = "No" → Q12a
ELSE → Q13



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Question 12A of 58

What are the main reasons you were never employed in the field?

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→ Q21



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Question 13 of 58

For how many years have you been/were you employed in a field related to environmental or occupational health?

- Less than 1 year
- 1 to 3 years
- 4 to 6 years
- 7 to 10 years
- More than 10 years

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Question 14 of 58

Below is a list of areas of specializations. Which ones apply to your current/most recent position in the field?

	Yes	No
Environmental Assessment/Management	<input type="radio"/>	<input type="radio"/>
Toxicology - Lab Based	<input type="radio"/>	<input type="radio"/>
Toxicology - Risk Assessment	<input type="radio"/>	<input type="radio"/>
Occupational or Environmental Medicine	<input type="radio"/>	<input type="radio"/>
Occupational or Environmental Nursing	<input type="radio"/>	<input type="radio"/>
Industrial Hygiene	<input type="radio"/>	<input type="radio"/>
Workplace Safety/Ergonomics	<input type="radio"/>	<input type="radio"/>
General Public Health Protection	<input type="radio"/>	<input type="radio"/>
Other (please specify) <input type="text"/>	<input type="radio"/>	<input type="radio"/>

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Survey of DEOHS and OEM Alumni

Question 15 of 58

By what type of organization are/were you employed?

- Private Industry
- Public Agency
- Non-profit/NGO
- University or Academic
- Consulting
- Self Employed
- Other (please specify)

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IF Q15 = "Consulting" or Q15 = "" → Q16
ELSE → Q17



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Question 16 of 58

Are/Were you a consultant primarily for...

- Private Industry
- Public Agency or Government
- Other (please specify)

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Question 17 of 58

Below is a list of industries or sectors. Which one best describes the industry or sector in which you are/were employed?

- Construction
- Education or Research
- Government
- Health Care
- Manufacturing
- Nonprofit
- Transportation
- Utility
- Multiple Industries
- Engineering
- Consulting
- Biotechnology/Technology
- Other (please specify)

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Question 18 of 58

In what state are/were you employed?

- State
- Canadian Province
- Country (other than United States or Canada)

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Survey of DEOHS and OEM Alumni

Question 19 of 58

In your current/most recent position in the field, approximately how many people do/did you supervise including direct and indirect reports?

- None
- 1 to 5
- 6 to 20
- 21 to 100
- More than 100

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Survey of DEOHS and OEM Alumni

Question 20 of 58

Which of the following best represents your salary in this/that position?

- Less than \$40,000
- \$40,000 up to \$75,000
- \$75,000 up to \$100,000
- \$100,000 up to \$150,000
- \$150,000 or more

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Question 20A of 58

Do/Did you work full or part time in this/that position?

- Full-time
- Part-time
- Other (please specify)

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Survey of DEOHS and OEM Alumni

Question 21 of 58

In this next section, think about the experience you had while working toward your University of Washington degree in your program. Compared to your professional peers, how would you rate the training you received in the program?

- Excellent
- Very good
- Good
- Fair
- Poor

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Survey of DEOHS and OEM Alumni

Question 22 of 58

We would like to know how you would rate various aspects of the training you received as you worked toward your UW degree in your program. For each aspect, please mark if you strongly agree, somewhat agree, somewhat disagree, or strongly disagree.

The training you received...	Strongly agree	Somewhat agree	Somewhat disagree	Strongly disagree
Was good preparation for your career	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Provided a well-rounded, broad-spectrum of education	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Taught you what you needed to know for your career	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Provided wide exposure to relevant issues	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Was a quality education	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Adhered to high standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Had instructors who were good	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Had instructors who were knowledgeable, competent, and qualified	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Had instructors who were accessible	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Offered courses that were at a high level, robust, technical, and challenging	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Needed more hands on, real life experiences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Was not as relevant to your field as you would have liked	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Should have more real world application	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Was not as challenging as you would have liked	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Should offer more technical aspects	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Question 22A of 58

Are there other aspects of the training you received, as you worked toward your UW degree, in your program on which you would like to comment?

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Question 23 of 58

Next, is a list of several different elements of the environmental and occupational health programs. Please rate your degree program on each one, whether it was excellent, very good, good, fair, or poor.

	Excellent	Very good	Good	Fair	Poor
Classroom instruction	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Research mentorship	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Internships or practicum	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Facilities (such as buildings, and locations)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Relevancy to your professional needs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Access to cutting-edge instrumentation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Access to faculty	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Opportunity for real world application of coursework	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Faculty advising and mentorship	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Preparation for certification	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Level of student funding support	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Question 24 of 58

Now, considering non-technical aspects of the programs, and using the same rating scale, how would you rate your program in terms of the aspects below?

	Excellent	Very good	Good	Fair	Poor
Communication skills and training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Teamwork skills and experience	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Leadership skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interactions with students outside of your program area	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Question 25 of 58

How would you describe the job and employment placement support available to students in your program at UW?

- Excellent
- Very good
- Good
- Fair
- Poor

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Question 26 of 58

Since receiving your degree, have you taken any types of continuing education courses in environmental and occupational health in the past ten years?

- Yes
- No

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IF Q26 = "No" → Q28
ELSE → Q27



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Question 27 of 58

Where were those courses from?

	Yes	No
University of Washington	<input type="radio"/>	<input type="radio"/>
Other universities	<input type="radio"/>	<input type="radio"/>
Professional associations	<input type="radio"/>	<input type="radio"/>
Private vendors	<input type="radio"/>	<input type="radio"/>
Other (<i>please specify</i>) <input type="text"/>	<input type="radio"/>	<input type="radio"/>

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Question 28 of 58

How likely is it that you will consider taking continuing education courses from UW Department of Environmental and Occupational Health Sciences in the next five years?

- Very likely
- Somewhat likely
- Not very likely
- Not at all likely

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IF Q28 = "Not very likely" OR Q28 = "Not at all likely" → Q30
ELSE → Q29



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Question 29 of 58

What form of continuing education courses will you be most likely to take from the Environmental and Occupational Health Sciences in the next five years?

	Yes	No
On campus	<input type="radio"/>	<input type="radio"/>
Online	<input type="radio"/>	<input type="radio"/>
Professional development courses or conferences	<input type="radio"/>	<input type="radio"/>
Somewhere else (please specify) <input type="text"/>	<input type="radio"/>	<input type="radio"/>

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Question 30 of 58

What could the UW Environmental and Occupational Health program do to better prepare students to work globally?

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Question 31 of 58

Next is a list of some areas of study that could be incorporated in the academic training for future environmental or occupational health issues. For each one, mark if you think it should be included in future academic training.

	Yes	No
Economics	<input type="radio"/>	<input type="radio"/>
Use of new technologies	<input type="radio"/>	<input type="radio"/>
Management	<input type="radio"/>	<input type="radio"/>
Effective training techniques	<input type="radio"/>	<input type="radio"/>
Cultural competency	<input type="radio"/>	<input type="radio"/>
Something else (<i>please specify</i>) <input type="text"/>	<input type="radio"/>	<input type="radio"/>

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Question 32 of 58

To what extent does practice in your field encompass a combination of OCCUPATIONAL HEALTH and the BROADER ENVIRONMENT? Please use a scale from 1 to 5 where 1 means not at all, these are two distinct areas of practice and 5 means completely, they are totally combined.

- 1 - Not at all combined
- 2
- 3
- 4
- 5 - Completely combined

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Question 33 of 58

How would you describe the impact you feel you have had on the environment, worker and general population health and safety?

- Extremely positive impact
- Positive impact
- Minor impact
- No impact

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Question 34 of 58

Aside from internal politics or personal issues including budget issues, what are the most significant challenges you are facing in your occupation today?

- Please check here if none or only politics, personal or budget issues.

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Question 35 of 58

What employment or staffing expectations in the occupational and environmental health field does your organization have for the next five years?

- Maintain staff levels
- Increase staff
- Decrease staff

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Question 36 of 58

How should the degree program you completed change or adapt to better fulfill the future needs of the field of environmental and occupational health?

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IF (Q11 = "No" OR Q12 = "No") AND (Q01da = "No" OR Q01db = "No") → Q57
ELSEIF (Q11 = "No" OR Q12 = "No") → Q40
ELSE → Q37



Survey of DEOHS and OEM Alumni

Question 37 of 58

We are considering future follow-up surveys of graduates from other Environmental and Occupational Health programs that have responsibility for safety, health and environmental management and EH&S personnel hiring. Can you give us the names of any of your current or previous employers who might help us with this research?

- Yes
- No

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**IF Q37 = "No" AND (Q01da = "No" OR Q01db = "No") → Q57
ELSEIF Q37 = "No" → Q40
ELSE → Q38**



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Current or previous employer contact information.

Employer 1

Name
 Title
 Phone number
 Email address

Employer 2

Name
 Title
 Phone number
 Email address

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**IF Q01da = "No" OR Q01db = "No" → Q57
ELSE → Q40**



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Question 40 of 58

Next are some questions about how satisfied you were with the University of Washington (UW) Occupational and Environmental Medicine (OEM) residency or training program.

First, how satisfied were you, overall, with the UW OEM residency or training program?

- Very satisfied
- Somewhat satisfied
- Neither satisfied nor dissatisfied
- Somewhat dissatisfied
- Very dissatisfied

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Question 41 of 58

How adequate was the supervision you received from faculty during your UW OEM training?

- Very adequate
- Somewhat adequate
- Somewhat inadequate
- Very inadequate

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Question 41A of 58

Please tell us more about the mentoring you received from faculty during your UW OEM training?

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Question 42 of 58

Next we'd like to know which UW OEM rotations you had as part of your training. Please mark either "Yes" or "No" for each item.

Did you have a rotation with...	Yes	No
Boeing	<input type="radio"/>	<input type="radio"/>
The Federal Aviation Administration (FAA)	<input type="radio"/>	<input type="radio"/>
Labor and Industries (LNI) in Olympia, Washington	<input type="radio"/>	<input type="radio"/>
The Veterans Affairs (VA) Hospital in Seattle, Washington	<input type="radio"/>	<input type="radio"/>
The Sports and Spine Clinic	<input type="radio"/>	<input type="radio"/>
The Dermatology Clinic	<input type="radio"/>	<input type="radio"/>
The Harborview Occupational Medicine Clinic	<input type="radio"/>	<input type="radio"/>
The Valley Occupational Medicine Clinic	<input type="radio"/>	<input type="radio"/>
The Group Health Occupational Medicine Clinic	<input type="radio"/>	<input type="radio"/>
The Healthy Worker Clinic in Yakima	<input type="radio"/>	<input type="radio"/>
The Washington Poison Center	<input type="radio"/>	<input type="radio"/>
An International rotation	<input type="radio"/>	<input type="radio"/>
NIOSH in Cincinnati	<input type="radio"/>	<input type="radio"/>
OSHA in Washington DC	<input type="radio"/>	<input type="radio"/>
Other rotations (please specify) <input type="text"/>	<input type="radio"/>	<input type="radio"/>

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Question 42A of 58

Of the UW OEM rotations you had, please mark which ones enhanced your training the MOST.

- Boeing
- FAA
- LNI (Olympia, WA)
- VA Hospital (Seattle, WA)
- Sports and Spine Clinic
- Dermatology Clinic
- Harborview Occupational Medicine Clinic
- Valley Occupational Medicine Clinic
- Group Health Occupational Medicine Clinic
- Healthy Worker Clinic (Yakima)
- Washington Poison Center
- International rotation
- NIOSH (Cincinnati)
- OSHA (Washington DC)
- Other rotations

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Question 43 of 58

Of the UW OEM rotations you had, please mark which ones that were NOT helpful to your training.

Please check here if ALL rotations were helpful to trainings and click "Next" below

- Boeing
- FAA
- LNI (Olympia, WA)
- VA Hospital (Seattle, WA)
- Sports and Spine Clinic
- Dermatology Clinic
- Harborview Occupational Medicine Clinic
- Valley Occupational Medicine Clinic
- Group Health Occupational Medicine Clinic
- Healthy Worker Clinic (Yakima)
- Washington Poison Center
- International rotation
- NIOSH (Cincinnati)
- OSHA (Washington DC)
- Other rotations

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IF Q43_NA = "Checked" AND all other items "Not checked" → Q44
ELSE → Q43a



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In what ways were the rotations not helpful?

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Question 44 of 58

During your clinical rotations, how adequate was the mix of ...

	Very adequate	Somewhat adequate	Somewhat inadequate	Very inadequate
Patients	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Complexity levels	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Question 45 of 58

Next is a list of types of employment. Please mark which one best describes your current employment?

- Hospital-based program
- Multi-specialty group practice
- Occupational/Industrial medicine clinical group (private/local)
- Occupational/Industrial medicine national chain
- Corporate OEM
- Academic OEM
- Military
- Federal agency
- State agency
- Consulting
- Other (please specify)

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How would you describe your current work?

- Full time OEM
- Part time OEM
- Other (please specify)

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Given your current employment, or employment you are interested in obtaining, what areas could have been emphasized more in your training in the UW OEM program?

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Are you currently licensed to practice medicine?

- Yes
- No

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Question 49 of 58

Have you taken the OEM board exam?

- Yes
- No

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IF Q49 = "No" → Q53
ELSE → Q50



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Question 50 of 58

Have you passed the OEM board exam?

- Yes
- No

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In what areas of the board exam did you obtain the HIGHEST scores?

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In what areas of the board exam did you obtain the LOWEST scores?

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→ Q54



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Question 53 of 58

What are the reasons you did not take the OEM board exams?

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Question 54 of 58

What was your last year in the UW OEM program?

 Year

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Question 55 of 58

We would like to know what training programs you would recommend for future residents in the OEM residency program. For each training program, please mark if you would highly recommend, moderately recommend, or not recommend it, or if you are not sure.

	Highly recommend	Moderately recommend	Not recommend	Not sure
Business management course, including marketing occupational health and safety services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Commercial driver certification course and provider certification	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Medical review officer course and certification to review drug test results	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Impairment rating course using AMA guides	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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Do you have comments related to your experience in the OEM residency training program or recommendations for the structure of the program in the future?

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What is your gender?

- Male
- Female

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That is the last question. Thanks for completing this important survey. Do you have any further comments?

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You are about to finish this survey.
To submit the survey click the "Submit survey" button below.
To review your answers starting from the beginning click the "Review your answers" button.

Submit survey

Review your answers

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Your completed questionnaire has been received.
Thank You!

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Thank you so much for your time today.

That is the last question for you. This survey only applies to recent alumni of University of Washington Department of Environmental and Occupational Health Sciences or past OEM residents.
If you feel you reached this page in error, click the "Review your answers" button below to return to the beginning of the survey. Please click the "Leave the survey" button to leave the survey.

If you have any comments, please put them in the space below.

Review your answers

Leave the survey

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