

2016 URSSA

Q1 Teachers value students' feedback and take it into account when improving their courses. Please be as precise as you can in your answers. Please choose "not applicable" for any activity you did not do. You may find one or more questions at the end of each section that invite an answer in your own words. Please comment candidly, bearing in mind that future students will benefit from your thoughtfulness. Remember that this is an anonymous survey: your teacher will never know what any individual student has written.

The results will be used to improve future research opportunities at your college and to report to the National Science Foundation, which helps support undergraduate research experiences. This survey is being conducted by Washington State University's Social and Economic Sciences Research Center, on behalf of the Community College Undergraduate Research Initiative (CCURI).

Q2 Please select your college, instructor, and course/section below. [NOTE: Response options below will be created from the information submitted on the "URSSA Instructor Set-up Survey".]

SAMPLE RESPONSE: College, instructor, course 1
 SAMPLE RESPONSE: College, instructor, course 2

O SAMPLE RESPONSE: College, instructor, course 3

Q3 What is the current school year and term?

School Year	O 2016-2017	O 2017-2018	O 2018-2019	O 2019-2020
Term	O Fall	O Winter	Spring	O Summer

Q4 Have you declared a major (or do you intend to) in a science, technology, engineering, or math field?

O Yes

O No

O Don't know

Q5 GAINS IN THINKING AND WORKING LIKE A SCIENTIST: APPLICATION OF KNOWLEDGE TO RESEARCH WORK. How much did you GAIN in the following areas as a result of your most recent research experience?

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	No Gains	A Little Gain	Moderate Gain	Good Gain	Great Gain	Not Applicable
Analyzing data for patterns.	0	0	0	0	0	•
Figuring out the next step in a research project.	0	0	0	0	0	0
Problem-solving in general.	O	0	•	0	0	•
Formulating a research question that could be answered with data.	0	O	O	0	0	0
Identifying limitations of research methods and designs.	•	•	•	•	•	•
Understanding the theory and concepts guiding my research project.	O	O	O	O	0	0
Understanding the connections among scientific disciplines.	0	•	•	•	•	•
Understanding the relevance of research to my coursework.	0	0	O	O	0	0

Q6 PERSONAL GAINS RELATED TO RESEARCH WORK How much did you GAIN in the following areas as a result of your most recent research experience?

	No Gains	A Little Gain	Moderate Gain	Good Gain	Great Gain	Not Applicable
Confidence in my ability to contribute to science.	0	0	0	0	0	0
Comfort in discussing scientific concepts with others.	•	•	0	0	•	•
Comfort in working collaboratively with others.	0	•	•	•	•	•
Confidence in my ability to do well in future science courses.	0	0	0	0	•	0
Ability to work independently.	0	0	•	0	0	0
Developing patience with the slow pace of research.	•	•	0	0	•	•
Understanding what everyday research work is like.	•	•	•	•	•	•
Taking greater care in conducting procedures in the lab or field.	0	•	0	0	0	0

Q7 GAINS IN SKILLS How much did you GAIN in the following areas as a result of your most recent research experience?

	No Gains	A Little Gain	Moderate Gain	Good Gain	Great Gain	Not Applicable
Writing scientific reports or papers.	•	0	•	0	0	0
Making oral presentations.	0	0	•	0	0	0
Defending an argument when asked questions.	•	•	0	•	•	•
Explaining my project to people outside my field.	0	•	0	•	•	•
Preparing a scientific poster.	0	0	•	0	0	0
Keeping a detailed lab notebook.	0	0	•	0	0	0
Conducting observations in the lab or field.	•	•	•	•	•	•
Using statistics to analyze data.	0	0	0	0	0	O
Calibrating instruments needed for measurement.	•	•	0	•	•	•
Working with computers.	0	0	0	0	0	O
Understanding journal articles.	0	0	•	0	0	•
Conducting database or internet searches.	•	0	•	0	•	•
Managing my time.	O	O	O .	O	•	O

Q8 THE FOLLOWING QUESTIONS ASK ABOUT YOUR OVERALL RESEARCH EXPERIENCE AND ABOUT ANY CHANGES IN YOUR ATTITUDES OR BEHAVIORS AS A RESEARCHER. During your research experience HOW MUCH did you:

	None	A Little	Some	A Fair Amount	A Great Deal	Not Applicable
Engage in real-world science research.	•	•	•	•	•	0
Feel like a scientist.	0	0	0	0	0	0
Think creatively about the project.	•	•	•	•	0	0
Try out new ideas or procedures on your own.	0	0	0	0	0	0
Feel responsible for the project.	•	•	•	•	•	O
Work extra hours because you were excited about the research.	0	0	0	0	O	0
Interact with scientists from outside your school.	0	0	0	0	0	0
Feel a part of a scientific community.	0	0	0	0	0	0

Q9 RESEARCH EXPERIENCE As part of my most recent research experience...

	Yes	No
I presented a talk or poster to other students or faculty on my campus.	•	•
I presented a talk or poster at a professional conference (off campus).	0	0
I have written or co-written a paper that is published in an academic journal.	•	•
I have written or co-written a paper that is published in an undergraduate research journal.	0	O
I have won a grant, award, or scholarship based on my research.	•	•

Q10 Rate how much you agree or disagree with the following statements.

	Strongly Disagree	Disagree	Agree	Strongly Agree
Doing research confirmed my interest in my field of study.	0	0	0	0
Doing research clarified for me which field of study I want to pursue.	•	•	•	•
My research experience has prepared me to transfer from a 2-year to a 4-year institution.	0	0	0	0
My research experience has prepared me for a job.	O	0	0	O

Q11 Compared to your intentions BEFORE doing research, HOW LIKELY ARE YOU NOW to:

	Not More Likely	A Little More Likely	Somewhat More Likely	Much More Likely	Extremely More Likely	Not Applicable
Complete your Associates degree?	O	0	0	0	0	•
Transfer to a 4-year institution?	0	0	•	0	•	•
Complete your Bachelors degree in science, mathematics or engineering?	0	0	O	•	0	0
Enroll in a Masters program in science, mathematics or engineering?	0	0	O	0	0	•
Enroll in a Ph.D. program in science, mathematics or engineering?	0	0	O	0	0	0
Enroll in a combined M.D/Ph.D program?	•	•	•	•	•	O
Enroll in medical or dental school?	•	•	•	•	0	O
Enroll in a program to earn a different professional degree (i.e. law, veterinary medicine, etc.)	•	•	O	•	•	•
Pursue certification as a teacher?	•	•	•	•	•	•
Work in a science lab?	0	0	0	0	0	0

Q12 FUTURE CAREER PLANS

How did your research experience influence your thinking about future career and graduate school plans? Please explain.

Q13 OTHER GAINS

Did you make other gains from doing research that we didn't mention? If so, please briefly describe these.

Q14	Were you a	"visiting researcher"	- doing research	away from yo	ur home institution?
· C	Yes				
O	No				

Q15 DEMOGRAPHICS

What is your gender?

- O Male
- O Female
- O Prefer not to answer

Q16 What is your race/ethnicity? (Choose all that apply.)

	Yes	No
American Indian	•	•
Asian	•	•
Black or African American	•	•
Hispanic/Latino	•	•
Native Hawaiian or other Pacific Islander	•	•
White	•	•
Other (please specify):	•	•

Q1	7 Please indicate your mother's education level.
\mathbf{C}	Not a high school graduate
\mathbf{C}	High school graduate
O	Some college
	Associates degree
O	College graduate
O	Bachelors degree
O	Graduate or professional degree
	8 Please indicate your father's education level.
O	Not a high school graduate
O	High school graduate
O	Some college
O	Associates degree
O	College graduate
O	Bachelors degree
O	Graduate or professional degree
Q1	9 Are you from a low-income
hor	me? (http://www2.ed.gov/about/offices/list/ope/trio/incomelevels.html)
\mathbf{O}	Yes
\mathbf{C}	No