

# Supplemental Material

*CBE—Life Sciences Education*

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Variable	Label	Measurement Level	Role
IDNumber	Student ID	Nominal	Input
RecipientEmail	Recipient Email	Nominal	Input
AFFILIATION	Affiliation	Nominal	Input
Q3_3	How did you find out about Summer Research Program (SRP) opportunity? I found out about research opportunity from: - An academic advisor	Scale	Input
Q3_4	How did you find out about Summer Research Program (SRP) opportunity? I found out about research opportunity from: - An announcement (flyer, poster, email, website, etc.)	Scale	Input
Q3_5	How did you find out about Summer Research Program (SRP) opportunity? I found out about research opportunity from: - A presentation given by someone from the program	Scale	Input
Q3_6	How did you find out about Summer Research Program (SRP) opportunity? I found out about research opportunity from: - Other (please specify)	Scale	Input
Q3_6_TEXT	How did you find out about Summer Research Program (SRP) opportunity? I found out about research opportunity from: - Other (please specify) - Text	Nominal	Input
Q4_1	What motivated you to do research? I wanted to do research to: (select all that apply) - Explore my interest in science	Scale	Input
Q4_2	What motivated you to do research? I wanted to do research to: (select all that apply) - Gain hands-on experience in research	Scale	Input
Q4_3	What motivated you to do research? I wanted to do research to: (select all that apply) - Clarify which field I wanted to study	Scale	Input
Q4_4	What motivated you to do research? I wanted to do research to: (select all that apply) - Clarify whether graduate school would be a good choice for me	Scale	Input
Q4_5	What motivated you to do research? I wanted to do research to: (select all that apply) - Clarify whether I wanted to pursue a science research career	Scale	Input

Q4_6	What motivated you to do research? I wanted to do research to: (select all that apply) - Have a good intellectual challenge	Scale	Input
Q4_7	What motivated you to do research? I wanted to do research to: (select all that apply) - Work more closely with a particular faculty mentor	Scale	Input
Q4_8	What motivated you to do research? I wanted to do research to: (select all that apply) - Participate in a program with strong reputation	Scale	Input
Q4_9	What motivated you to do research? I wanted to do research to: (select all that apply) - Get good letters of recommendation	Scale	Input
Q4_10	What motivated you to do research? I wanted to do research to: (select all that apply) - Enhance my resume	Scale	Input
Q4_12	What motivated you to do research? I wanted to do research to: (select all that apply) - Other (please specify)	Scale	Input
Q4_12_TEXT	What motivated you to do research? I wanted to do research to: (select all that apply) - Other (please specify) - Text	Nominal	Input
Q5	Who was your primary research mentor during your SRP experience? The primary research mentor is the person you worked most closely with during the SRP. - Selected Choice	Scale	Input
Q5_6_TEXT	Who was your primary research mentor during your SRP experience? The primary research mentor is the person you worked most closely with during the SRP. - Other (please specify) - Text	Nominal	Input
Q5_TEXT	Who was your primary research mentor during your SRP experience? The primary research mentor is t...-TEXT	Nominal	Input
Q6	In your Chronus connection plan, is the primary mentor you identified above listed as your:	Scale	Input
Q7_1	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 SRP mentored research experience? - Analyzing data for patterns.	Scale	Input

Q7_2	<p>THINKING AND WORKING LIKE A SCIENTIST: APPLICATION OF KNOWLEDGE TO RESEARCH WORK</p> <p>How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Figuring out the next step in a research project.</p>	Scale	Input
Q7_3	<p>THINKING AND WORKING LIKE A SCIENTIST: APPLICATION OF KNOWLEDGE TO RESEARCH WORK</p> <p>How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Problem-solving in general.</p>	Scale	Input
Q7_4	<p>THINKING AND WORKING LIKE A SCIENTIST: APPLICATION OF KNOWLEDGE TO RESEARCH WORK</p> <p>How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Formulating a research question that could be answered with data.</p>	Scale	Input
Q7_5	<p>THINKING AND WORKING LIKE A SCIENTIST: APPLICATION OF KNOWLEDGE TO RESEARCH WORK</p> <p>How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Identifying limitations of research methods and designs.</p>	Scale	Input
Q7_6	<p>THINKING AND WORKING LIKE A SCIENTIST: APPLICATION OF KNOWLEDGE TO RESEARCH WORK</p> <p>How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Understanding the theory and concepts guiding my research project.</p>	Scale	Input
Q7_7	<p>THINKING AND WORKING LIKE A SCIENTIST: APPLICATION OF KNOWLEDGE TO RESEARCH WORK</p> <p>How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Understanding the connections among scientific disciplines.</p>	Scale	Input

Q7_8	<p>THINKING AND WORKING LIKE A SCIENTIST: APPLICATION OF KNOWLEDGE TO RESEARCH WORK</p> <p>How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Understanding the relevance of research to my coursework.</p>	Scale	Input
Q8_1	<p>PERSONAL GAINS RELATED TO RESEARCH WORK</p> <p>How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Confidence in my ability to contribute to science.</p>	Scale	Input
Q8_2	<p>PERSONAL GAINS RELATED TO RESEARCH WORK</p> <p>How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Comfort in discussing scientific concepts with others.</p>	Scale	Input
Q8_3	<p>PERSONAL GAINS RELATED TO RESEARCH WORK</p> <p>How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Confidence in my ability to do well in future science courses.</p>	Scale	Input
Q8_4	<p>PERSONAL GAINS RELATED TO RESEARCH WORK</p> <p>How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Ability to work independently.</p>	Scale	Input
Q8_5	<p>PERSONAL GAINS RELATED TO RESEARCH WORK</p> <p>How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Developing patience with the slow pace of research.</p>	Scale	Input
Q8_6	<p>PERSONAL GAINS RELATED TO RESEARCH WORK</p> <p>How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Understanding what everyday research work is like.</p>	Scale	Input
Q8_7	<p>PERSONAL GAINS RELATED TO RESEARCH WORK</p> <p>How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Taking greater care in conducting procedures in the lab or field.</p>	Scale	Input
Q9_1	<p>SKILLS How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Writing scientific reports or papers.</p>	Scale	Input

Q9_2	SKILLS How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Making oral presentations.	Scale	Input
Q9_3	SKILLS How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Defending an argument when asked research-related questions.	Scale	Input
Q9_4	SKILLS How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Explaining my project to people outside my field.	Scale	Input
Q9_5	SKILLS How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Preparing a scientific poster.	Scale	Input
Q9_6	SKILLS How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Keeping a detailed lab notebook.	Scale	Input
Q9_7	SKILLS How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Conducting Observations in the lab or field.	Scale	Input
Q9_8	SKILLS How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Using statistics to analyze data.	Scale	Input
Q9_9	SKILLS How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Calibrating instruments needed for measurement.	Scale	Input
Q9_10	SKILLS How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Working with computers.	Scale	Input
Q9_11	SKILLS How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Understanding journal articles.	Scale	Input
Q9_12	SKILLS How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Conducting database or internet searches.	Scale	Input
Q9_13	SKILLS How much did you GAIN in the following areas as a result of your SRP mentored research experience? - Managing my time.	Scale	Input

Q10	Other GAINS: Did you make other GAINS from doing research that we didn't mention? If so, please briefly describe these.	Nominal	Input
Q11_1	The following questions ask about your overall SRP experience and about any changes in your attitudes or behaviors as a researcher. During your research experience, HOW MUCH did you: - Engage in real-world science research?	Scale	Input
Q11_2	The following questions ask about your overall SRP experience and about any changes in your attitudes or behaviors as a researcher. During your research experience, HOW MUCH did you: - Feel like a scientist?	Scale	Input
Q11_3	The following questions ask about your overall SRP experience and about any changes in your attitudes or behaviors as a researcher. During your research experience, HOW MUCH did you: - Think creatively about the project?	Scale	Input
Q11_4	The following questions ask about your overall SRP experience and about any changes in your attitudes or behaviors as a researcher. During your research experience, HOW MUCH did you: - Try out new ideas or procedures on your own?	Scale	Input
Q11_5	The following questions ask about your overall SRP experience and about any changes in your attitudes or behaviors as a researcher. During your research experience, HOW MUCH did you: - Feel responsible for the project?	Scale	Input
Q11_6	The following questions ask about your overall SRP experience and about any changes in your attitudes or behaviors as a researcher. During your research experience, HOW MUCH did you: - Work extra hours because you were excited about the research?	Scale	Input
Q11_7	The following questions ask about your overall SRP experience and about any changes in your attitudes or behaviors as a researcher. During your research experience, HOW MUCH did you: - Interact with scientists from outside your school?	Scale	Input

Q11_8	The following questions ask about your overall SRP experience and about any changes in your attitudes or behaviors as a researcher. During your research experience, HOW MUCH did you: - Feel a part of the scientific community?	Scale	Input
Q12_1	These questions are about your SRP experience. Please rate the following: - My working relationship with my research mentor.	Scale	Input
Q12_2	These questions are about your SRP experience. Please rate the following: - My working relationship with research group/lab members.	Scale	Input
Q12_3	These questions are about your SRP experience. Please rate the following: - The amount of time I spend doing meaningful research.	Scale	Input
Q12_4	These questions are about your SRP experience. Please rate the following: - The amount of time I spend with my research mentor.	Scale	Input
Q12_5	These questions are about your SRP experience. Please rate the following: - The advice my research mentor provides about careers or graduate school.	Scale	Input
Q12_6	These questions are about your SRP experience. Please rate the following: - The research experience overall.	Scale	Input
Q13_1	As part of my SRP experience... - I presented a talk or poster to other students or faculty	Scale	Input
Q13_2	As part of my SRP experience... - I presented a talk or poster at a professional conference	Scale	Input
Q13_3	As part of my SRP experience... - I attended a conference	Scale	Input
Q13_4	As part of my SRP experience... - I wrote or co-wrote a paper that was published in an academic journal	Scale	Input
Q13_5	As part of my SRP experience... - I wrote or co-wrote a paper that was published in an undergraduate research journal	Scale	Input
Q13_6	As part of my SRP experience... - I will present a talk or poster to other students and faculty	Scale	Input
Q13_7	As part of my SRP experience... - I will present a talk or poster at a professional conference	Scale	Input
Q13_8	As part of my SRP experience... - I will write or co-write a paper to be published in an academic journal	Scale	Input



Q13_9	As part of my SRP experience... - I will write or co-write a paper that was published in an undergraduate research journal	Scale	Input
Q13_10	As part of my SRP experience... - I won an award or scholarship based on my research	Scale	Input
Q14	Using a scale ranging from 1 (definitely will not) to 5 (definitely will), to what extent do you intend to pursue a biomedical research related career?	Scale	Input
Q15_1	Rate how much you agree with the following statements in relation to your SRP experience. - Doing research confirmed my interest in my field of study.	Scale	Input
Q15_2	Rate how much you agree with the following statements in relation to your SRP experience. - Doing research clarified for me which field of study I want to pursue.	Scale	Input
Q15_3	Rate how much you agree with the following statements in relation to your SRP experience. - My research experience has prepared me for advanced course work or thesis work.	Scale	Input
Q15_4	Rate how much you agree with the following statements in relation to your SRP experience. - My research experience has prepared me for graduate school.	Scale	Input
Q15_5	Rate how much you agree with the following statements in relation to your SRP experience. - My research experience has prepared me for a job.	Scale	Input
Q16_1	Compared to your intentions BEFORE your SRP experience, HOW LIKELY ARE YOU NOW to: - Enroll in a PhD program in Science, Mathematics or Engineering?	Scale	Input
Q16_2	Compared to your intentions BEFORE your SRP experience, HOW LIKELY ARE YOU NOW to: - Enroll in a Master's program in Science, Mathematics or Engineering?	Scale	Input
Q16_3	Compared to your intentions BEFORE your SRP experience, HOW LIKELY ARE YOU NOW to: - Enroll in a combined M.D/Ph.D program?	Scale	Input
Q16_4	Compared to your intentions BEFORE your SRP experience, HOW LIKELY ARE YOU NOW to: - Enroll in medical or dental school?	Scale	Input

Q16_5	Compared to your intentions BEFORE your SRP experience, HOW LIKELY ARE YOU NOW to: - Enroll in a program to earn a different professional degree (i.e. law, veterinary medicine, etc.)?	Scale	Input
Q16_6	Compared to your intentions BEFORE your SRP experience, HOW LIKELY ARE YOU NOW to: - Pursue a certification as a teacher?	Scale	Input
Q16_7	Compared to your intentions BEFORE your SRP experience, HOW LIKELY ARE YOU NOW to: - Pursue work in a science lab?	Scale	Input
Q17	Future career plans: How did your SRP experience influence your thinking about future career and graduate school plans? Please Explain.	Nominal	Input
Q18_1	How satisfied are you with the following aspects of the SRP program? - The application process.	Scale	Input
Q18_2	How satisfied are you with the following aspects of the SRP program? - Information available to help me choose a research project.	Scale	Input
Q18_3	How satisfied are you with the following aspects of the SRP program? - Ease in locating a research mentor.	Scale	Input
Q18_5	How satisfied are you with the following aspects of the SRP program? - Lab or field equipment.	Scale	Input
Q18_6	How satisfied are you with the following aspects of the SRP program? - Support and guidance from the BUILDing SCHOLARS program staff.	Scale	Input
Q18_7	How satisfied are you with the following aspects of the SRP program? - Support and guidance from my research mentor.	Scale	Input
Q18_8	How satisfied are you with the following aspects of the SRP program? - Support and guidance from other research group members.	Scale	Input
Q18_9	How satisfied are you with the following aspects of the SRP program? - Research group meetings.	Scale	Input
Q18_12	How satisfied are you with the following aspects of the SRP program? - Group social activities.	Scale	Input
Q18_13	How satisfied are you with the following aspects of the SRP program? - Professional development activities (e.g. workshops, seminars, etc.)	Scale	Input

Q19	Were you required to get Institutional Review Board (IRB) certification to conduct research?	Scale	Input
Q20	Academic year research: How many times (in semesters) have you participated in ACADEMIC YEAR research prior to participating in the SRP program?	Scale	Input
Q21	Summer research: How many times have you participated in SUMMER research prior to participating in the SRP program?	Scale	Input
Q22	Research activities. How many hours per week did you work at research-related activities in your SRP experience?	Scale	Input
Q23	Hours with mentor: On average, how many hours per week did you spend talking with your SRP primary research mentor?	Scale	Input
Q24	Were you a "visiting researcher" -- doing research away from your home institution?	Scale	Input
Q25_1_1	Please indicate the importance to you personally before and after the SRP experience for each of... - Before the SRP - Obtaining recognition from my colleagues/peers for contributions to my field.	Scale	Input
Q25_1_2	Please indicate the importance to you personally before and after the SRP experience for each of... - Before the SRP - Becoming an authority in my field.	Scale	Input
Q25_1_3	Please indicate the importance to you personally before and after the SRP experience for each of... - Before the SRP - Making a theoretical contribution to science.	Scale	Input
Q25_2_1	Please indicate the importance to you personally before and after the SRP experience for each of... - After the SRP - Obtaining recognition from my colleagues/peers for contributions to my field.	Scale	Input
Q25_2_2	Please indicate the importance to you personally before and after the SRP experience for each of... - After the SRP - Becoming an authority in my field.	Scale	Input
Q25_2_3	Please indicate the importance to you personally before and after the SRP experience for each of... - After the SRP - Making a theoretical contribution to science.	Scale	Input

Q26_1_1	To what extent were/are (before and after the SRP experience) the following statements true of yo... - Before the SRP - I have a strong sense of belonging to the community of scientists.	Scale	Input
Q26_1_2	To what extent were/are (before and after the SRP experience) the following statements true of yo... - Before the SRP - I derive great personal satisfaction from working on a team that is doing important research.	Scale	Input
Q26_1_3	To what extent were/are (before and after the SRP experience) the following statements true of yo... - Before the SRP - I have come to think of myself as a 'scientist.'	Scale	Input
Q26_1_4	To what extent were/are (before and after the SRP experience) the following statements true of yo... - Before the SRP - I feel like I belong in the field of science.	Scale	Input
Q26_2_1	To what extent were/are (before and after the SRP experience) the following statements true of yo... - After the SRP - I have a strong sense of belonging to the community of scientists.	Scale	Input
Q26_2_2	To what extent were/are (before and after the SRP experience) the following statements true of yo... - After the SRP - I derive great personal satisfaction from working on a team that is doing important research.	Scale	Input
Q26_2_3	To what extent were/are (before and after the SRP experience) the following statements true of yo... - After the SRP - I have come to think of myself as a 'scientist.'	Scale	Input
Q26_2_4	To what extent were/are (before and after the SRP experience) the following statements true of yo... - After the SRP - I feel like I belong in the field of science.	Scale	Input
Q27_1_1	Indicate to what extent you were/are (before and after the SRP experience) confident that you can... - Before the SRP - Use technical science skills (use of tools, instruments, and/or techniques)	Scale	Input
Q27_1_2	Indicate to what extent you were/are (before and after the SRP experience) confident that you can... - Before the SRP - Generate a research question to answer	Scale	Input
Q27_1_3	Indicate to what extent you were/are (before and after the SRP experience) confident that you can... - Before the SRP - Figure out what data/observations to collect and how to collect them	Scale	Input

Q27_1_4	Indicate to what extent you were/are (before and after the SRP experience) confident that you can... - Before the SRP - Create explanations for the results of the study	Scale	Input
Q27_1_5	Indicate to what extent you were/are (before and after the SRP experience) confident that you can... - Before the SRP - Use scientific literature and/or reports to guide research	Scale	Input
Q27_1_6	Indicate to what extent you were/are (before and after the SRP experience) confident that you can... - Before the SRP - Develop theories (integrate and coordinate results from multiple studies)	Scale	Input
Q27_1_7	Indicate to what extent you were/are (before and after the SRP experience) confident that you can... - Before the SRP - Ask relevant questions	Scale	Input
Q27_1_8	Indicate to what extent you were/are (before and after the SRP experience) confident that you can... - Before the SRP - Identify what is known and not known in a problem	Scale	Input
Q27_1_9	Indicate to what extent you were/are (before and after the SRP experience) confident that you can... - Before the SRP - Understand scientific concepts	Scale	Input
Q27_1_10	Indicate to what extent you were/are (before and after the SRP experience) confident that you can... - Before the SRP - See connections between different areas of science and mathematic	Scale	Input
Q27_2_1	Indicate to what extent you were/are (before and after the SRP experience) confident that you can... - After the SRP - Use technical science skills (use of tools, instruments, and/or techniques)	Scale	Input
Q27_2_2	Indicate to what extent you were/are (before and after the SRP experience) confident that you can... - After the SRP - Generate a research question to answer	Scale	Input
Q27_2_3	Indicate to what extent you were/are (before and after the SRP experience) confident that you can... - After the SRP - Figure out what data/observations to collect and how to collect them	Scale	Input
Q27_2_4	Indicate to what extent you were/are (before and after the SRP experience) confident that you can... - After the SRP - Create explanations for the results of the study	Scale	Input

Q27_2_5	Indicate to what extent you were/are (before and after the SRP experience) confident that you can... - After the SRP - Use scientific literature and/or reports to guide research	Scale	Input
Q27_2_6	Indicate to what extent you were/are (before and after the SRP experience) confident that you can... - After the SRP - Develop theories (integrate and coordinate results from multiple studies)	Scale	Input
Q27_2_7	Indicate to what extent you were/are (before and after the SRP experience) confident that you can... - After the SRP - Ask relevant questions	Scale	Input
Q27_2_8	Indicate to what extent you were/are (before and after the SRP experience) confident that you can... - After the SRP - Identify what is known and not known in a problem	Scale	Input
Q27_2_9	Indicate to what extent you were/are (before and after the SRP experience) confident that you can... - After the SRP - Understand scientific concepts	Scale	Input
Q27_2_10	Indicate to what extent you were/are (before and after the SRP experience) confident that you can... - After the SRP - See connections between different areas of science and mathematic	Scale	Input
Q28_1_1	How likely were/are (before and after the SRP experience) you to consider pursuing a biomedical r... - Before the SRP - Likelihood of pursuing a biomedical research career	Scale	Input
Q28_2_1	How likely were/are (before and after the SRP experience) you to consider pursuing a biomedical r... - After the SRP - Likelihood of pursuing a biomedical research career	Scale	Input
Q29_1	How much like you is each of the following statements? Be honest - there are no right or wrong answers. - I have overcome setbacks to conquer an important challenge	Scale	Input
Q29_2	How much like you is each of the following statements? Be honest - there are no right or wrong answers. - New ideas and projects sometimes distract me from previous ones	Scale	Input
Q29_3	How much like you is each of the following statements? Be honest - there are no right or wrong answers. - My interests change from year to year	Scale	Input

Q29_4	How much like you is each of the following statements? Be honest - there are no right or wrong answers. - Setbacks don't discourage me	Scale	Input
Q29_5	How much like you is each of the following statements? Be honest - there are no right or wrong answers. - I have been obsessed with a certain idea or project for a short time but later lost interest	Scale	Input
Q29_6	How much like you is each of the following statements? Be honest - there are no right or wrong answers. - I am a hard worker	Scale	Input
Q29_7	How much like you is each of the following statements? Be honest - there are no right or wrong answers. - I often set a goal but later choose to pursue a different one	Scale	Input
Q29_8	How much like you is each of the following statements? Be honest - there are no right or wrong answers. - I have difficulty maintaining my focus on projects that take more than a few months to complete	Scale	Input
Q29_9	How much like you is each of the following statements? Be honest - there are no right or wrong answers. - I finish whatever I begin	Scale	Input
Q29_10	How much like you is each of the following statements? Be honest - there are no right or wrong answers. - I have achieved a goal that took years of work	Scale	Input
Q29_11	How much like you is each of the following statements? Be honest - there are no right or wrong answers. - I become interested in new pursuits every few months	Scale	Input
Q29_12	How much like you is each of the following statements? Be honest - there are no right or wrong answers. - I am diligent	Scale	Input
Q30_1	Based on the feedback about your performance from your primary mentor during your SRP experience, how well did you: - Independently conduct experiments or a research project	Scale	Input
Q30_2	Based on the feedback about your performance from your primary mentor during your SRP experience, how well did you: - Analyze research data	Scale	Input
Q30_3	Based on the feedback about your performance from your primary mentor during your SRP experience, how well did you: - Write a scientific report	Scale	Input

Q30_4	Based on the feedback about your performance from your primary mentor during your SRP experience, how well did you: - Prepare a scientific poster or presentation	Scale	Input
Q31_1	Please indicate your level of agreement or disagreement with the following statements:- My research mentor showed me how to conduct a research procedure.	Scale	Input
Q31_2	Please indicate your level of agreement or disagreement with the following statements: - I look up to my research mentor as a career role model	Scale	Input
Q31_3	Please indicate your level of agreement or disagreement with the following statements: - My research mentor encouraged me to pursue a research science career	Scale	Input
Q31_4	Please indicate your level of agreement or disagreement with the following statements: - My research mentor told me that I have the ability to be a scientist	Scale	Input
Q31_5	Please indicate your level of agreement or disagreement with the following statements: - I felt nervous when conducting research	Scale	Input
Q31_6	Please indicate your level of agreement or disagreement with the following statements: - I felt anxious about my ability to do research	Scale	Input
Q32_1	Based on your most recent research experience, please use the scale below and indicate how much confidence you have in your ability to: - Make important contributions to a research team	Scale	Input
Q32_2	Based on your most recent research experience, please use the scale below and indicate how much confidence you have in your ability to: - Explain my research topic to other scientists	Scale	Input
Q32_3	Based on your most recent research experience, please use the scale below and indicate how much confidence you have in your ability to: - Pursue a research science career	Scale	Input
Q32_4	Based on your most recent research experience, please use the scale below and indicate how much confidence you have in your ability to: - Do research	Scale	Input
Q32_5	Based on your most recent research experience, please use the scale below and indicate how much confidence you have in your ability to: - Write a basic proposal	Scale	Input



Q32_6	Based on your most recent research experience, please use the scale below and indicate how much confidence you have in your ability to: - Present a research talk or poster	Scale	Input
Q32_7	Based on your most recent research experience, please use the scale below and indicate how much confidence you have in your ability to: - Excel in my science major over the next two semesters	Scale	Input
Q32_8	Based on your most recent research experience, please use the scale below and indicate how much confidence you have in your ability to: - Complete a science degree	Scale	Input
Q32_9	Based on your most recent research experience, please use the scale below and indicate how much confidence you have in your ability to: - Persist with science courses even though I may be considered a 'minority' in them	Scale	Input
Q32_10	Based on your most recent research experience, please use the scale below and indicate how much confidence you have in your ability to: - Pursue a graduate degree in science	Scale	Input
Q33_1	Please use the following scale to indicate your level of agreement with each statement beginning with: A research science career would allow me to: - Do work that makes a difference in peoples lives or to society	Scale	Input
Q33_2	Please use the following scale to indicate your level of agreement with each statement beginning with: A research science career would allow me to: - Do work that I find satisfying	Scale	Input
Q33_3	Please use the following scale to indicate your level of agreement with each statement beginning with: A research science career would allow me to: - Go into a field with high employment demand	Scale	Input
Q33_4	Please use the following scale to indicate your level of agreement with each statement beginning with: A research science career would allow me to: - Get respect from other people	Scale	Input
Q33_5	Please use the following scale to indicate your level of agreement with each statement beginning with: A research science career would allow me to: - Earn an attractive salary	Scale	Input

Q34_1	In your mentoring relationship, how important is it that your primary research mentor: - Is willing to discuss diversity	Scale	Input
Q34_2	In your mentoring relationship, how important is it that your primary research mentor: - Considers their own cultural background, as well as yours	Scale	Input
Q34_3	In your mentoring relationship, how important is it that your primary research mentor: - Values and respects cultural differences	Scale	Input
Q35_1	In your mentoring relationship, how skilled is your primary research mentor in: - Discussing diversity	Scale	Input
Q35_2	In your mentoring relationship, how skilled is your primary research mentor in: - Considering their own cultural background, as well as yours	Scale	Input
Q35_3	In your mentoring relationship, how skilled is your primary research mentor in: - Valuing and respecting cultural differences	Scale	Input
Q36_1	Please rate how skilled you feel your primary mentor was in the following areas: - Active listening	Scale	Input
Q36_2	Please rate how skilled you feel your primary mentor was in the following areas: - Providing constructive feedback	Scale	Input
Q36_3	Please rate how skilled you feel your primary mentor was in the following areas: - Establishing a relationship based on trust	Scale	Input
Q36_4	Please rate how skilled you feel your primary mentor was in the following areas: - Identifying and accommodating different communication styles	Scale	Input
Q36_5	Please rate how skilled you feel your primary mentor was in the following areas: - Employing strategies to improve communication with mentees	Scale	Input
Q36_6	Please rate how skilled you feel your primary mentor was in the following areas: - Coordinating effectively with your other mentors	Scale	Input
Q36_7	Please rate how skilled you feel your primary mentor was in the following areas: - Working with you to set clear expectations of the mentoring relationship	Scale	Input
Q36_8	Please rate how skilled you feel your primary mentor was in the following areas: - Aligning his/her expectations with yours	Scale	Input

Q36_9	Please rate how skilled you feel your primary mentor was in the following areas: - Considering how personal and professional differences may impact expectations	Scale	Input
Q36_10	Please rate how skilled you feel your primary mentor was in the following areas: - Working with you to set research goals	Scale	Input
Q36_11	Please rate how skilled you feel your primary mentor was in the following areas: - Helping you develop strategies to meet goals	Scale	Input
Q36_12	Please rate how skilled you feel your primary mentor was in the following areas: - Accurately estimating your level of scientific knowledge	Scale	Input
Q36_13	Please rate how skilled you feel your primary mentor was in the following areas: - Accurately estimating your ability to conduct research	Scale	Input
Q36_26	Please rate how skilled you feel your primary mentor was in the following areas: - Employing strategies to enhance your knowledge and abilities	Scale	Input
Q36_14	Please rate how skilled you feel your primary mentor was in the following areas: - Motivating you	Scale	Input
Q36_15	Please rate how skilled you feel your primary mentor was in the following areas: - Building your confidence	Scale	Input
Q36_16	Please rate how skilled you feel your primary mentor was in the following areas: - Stimulating your creativity	Scale	Input
Q36_17	Please rate how skilled you feel your primary mentor was in the following areas: - Acknowledging your professional contributions	Scale	Input
Q36_18	Please rate how skilled you feel your primary mentor was in the following areas: - Negotiating a path to professional independence with you	Scale	Input
Q36_19	Please rate how skilled you feel your primary mentor was in the following areas: - Taking into account the biases and prejudice you bring to the mentor/mentee relationship	Scale	Input
Q36_20	Please rate how skilled you feel your primary mentor was in the following areas: - Working effectively with mentees whose personal background is different from his/her own (age, race, gender, class, religion, culture, region, family composition, etc.)	Scale	Input

Q36_21	Please rate how skilled you feel your primary mentor was in the following areas: - Helping you network effectively	Scale	Input
Q36_22	Please rate how skilled you feel your primary mentor was in the following areas: - Helping you set career goals	Scale	Input
Q36_23	Please rate how skilled you feel your primary mentor was in the following areas: - Helping you balance work with your personal life	Scale	Input
Q36_24	Please rate how skilled you feel your primary mentor was in the following areas: - Understanding his/her impact as a role model	Scale	Input
Q36_25	Please rate how skilled you feel your primary mentor was in the following areas: - Helping you acquire resources (e.g. other funding, support, etc.)	Scale	Input
Q37_1	Please respond to the following statements regarding your primary mentor: - My mentor gave me an overview of how my research fit into an overall research project	Scale	Input
Q37_2	Please respond to the following statements regarding your primary mentor: - My mentor helped me develop my research skills	Scale	Input
Q37_3	Please respond to the following statements regarding your primary mentor: - My mentor showed interest in my research project	Scale	Input
Q37_4	Please respond to the following statements regarding your primary mentor: - My mentor was available to me when I had problems or questions about my research	Scale	Input
Q37_5	Please respond to the following statements regarding your primary mentor: - My mentor offered constructive feedback when necessary	Scale	Input
Q37_6	Please respond to the following statements regarding your primary mentor: - My mentor and I developed a relationship based on trust	Scale	Input
Q37_7	Please respond to the following statements regarding your primary mentor: - My mentor understood how I learn best	Scale	Input
Q37_8	Please respond to the following statements regarding your primary mentor: - My mentor created an environment that allowed me to achieve my goals	Scale	Input

Q37_9	Please respond to the following statements regarding your primary mentor: - My mentor seemed so busy that I was afraid to interrupt him/her	Scale	Input
Q37_10	Please respond to the following statements regarding your primary mentor: - My mentor had an effective mentoring style	Scale	Input
Q37_11	Please respond to the following statements regarding your primary mentor: - My mentor acted as a positive role model	Scale	Input
Q37_12	Please respond to the following statements regarding your primary mentor: - My mentor showed interest in me as a person	Scale	Input
Q37_13	Please respond to the following statements regarding your primary mentor: - My mentor fostered independence	Scale	Input
Q37_14	Please respond to the following statements regarding your primary mentor: - My mentored fostered confidence in my skills	Scale	Input
Q37_15	Please respond to the following statements regarding your primary mentor: - My mentor appreciated my contributions	Scale	Input
Q37_16	Please respond to the following statements regarding your primary mentor: - My mentor encouraged me to be creative	Scale	Input
Q37_17	Please respond to the following statements regarding your primary mentor: - My mentor made me enthusiastic about my project	Scale	Input
Q37_18	Please respond to the following statements regarding your primary mentor: - My mentor helped me feel curious about my project	Scale	Input
Q37_19	Please respond to the following statements regarding your primary mentor: - My mentor treated me as a colleague	Scale	Input
Q37_20	Please respond to the following statements regarding your primary mentor: - My mentor helped me decide on a career path	Scale	Input
Q37_21	Please respond to the following statements regarding your primary mentor: - My mentor communicated his/her expectations of me	Scale	Input

Q37_22	Please respond to the following statements regarding your primary mentor: - My mentor respected my goals	Scale	Input
Q37_23	Please respond to the following statements regarding your primary mentor: - My mentor allowed me to take ownership in my research	Scale	Input
Q37_24	Please respond to the following statements regarding your primary mentor: - My mentor created an environment where I felt safe to make mistakes	Scale	Input
Q37_25	Please respond to the following statements regarding your primary mentor: - My mentor made me feel included in the lab	Scale	Input
Q37_26	Please respond to the following statements regarding your primary mentor: - My mentor regularly assessed skills and knowledge that I gained in the lab	Scale	Input
Q38	Were you matched with your mentor using Chronus? (If yes, this means that you did not know the person beforehand but s/he was identified as a good match for you by the program administrators based on the Chronus profile system.)	Scale	Input
Q39	How would you rate the match made by Chronus? Please rate from 1 (Very poor) to 5 (Excellent).	Scale	Input
Q40	Did you use the Chronus system, including viewing your mentor's/mentee's profile (e.g., field, research interests, CV), before your first contact?	Scale	Input
Q41	Indicate your level of satisfaction or dissatisfaction with your mentor/mentee relationship. Please rate from 1 (Strongly dissatisfied) to 5 (Strongly satisfied).	Scale	Input
Q42_1	Please provide your level of disagreement or agreement with each of the statements below in relation to the Chronus on-line system used to manage the BUILDing SCHOLARS mentoring program. - It is user friendly	Scale	Input
Q42_2	Please provide your level of disagreement or agreement with each of the statements below in relation to the Chronus on-line system used to manage the BUILDing SCHOLARS mentoring program. - I easily remember how to use it	Scale	Input

Q42_3	Please provide your level of disagreement or agreement with each of the statements below in relation to the Chronus on-line system used to manage the BUILDing SCHOLARS mentoring program. - I am satisfied with it	Scale	Input
Q42_4	Please provide your level of disagreement or agreement with each of the statements below in relation to the Chronus on-line system used to manage the BUILDing SCHOLARS mentoring program. - It works the way I want it to work	Scale	Input
Q42_5	Please provide your level of disagreement or agreement with each of the statements below in relation to the Chronus on-line system used to manage the BUILDing SCHOLARS mentoring program. - The mentoring content I receive via emails sent from the Chronus syF8000	Scale	Input
Q42_6	Please provide your level of disagreement or agreement with each of the statements below in relation to the Chronus on-line system used to manage the BUILDing SCHOLARS mentoring program. - The profile form is quick and easy to complete	Scale	Input
Q43	What is the most negative aspect of the Chronus system?	Nominal	Input
Q44	What is the most positive aspect of the Chronus system?	Nominal	Input
Q45	Did your SRP experience take place at UTEP or at a Partner institution?	Scale	Input
Q46_1_1	Please rate the following sessions of the Mentee Training Workshop Series you attended during the... - Session Ratings - Introductions and Expectations	Scale	Input
Q46_1_2	Please rate the following sessions of the Mentee Training Workshop Series you attended during the... - Session Ratings - Professionalism	Scale	Input
Q46_1_3	Please rate the following sessions of the Mentee Training Workshop Series you attended during the... - Session Ratings - Science Identity (showing the discussion of Hidden Figures)	Scale	Input
Q46_1_4	Please rate the following sessions of the Mentee Training Workshop Series you attended during the... - Session Ratings - Time Management and Self-care	Scale	Input
Q69_1	Click to write the question text - Ophra Leyser-Wheylan (on 6/13), Sociology and Qualitative Research	Scale	Input

Q69_2	Click to write the question text - Irasema Coronado (on 6/20), Environmental Science and Research Impact on Public Policy	Scale	Input
Q69_3	Click to write the question text - Ricardo Bernal (on 7/11), Biochemistry and Molecular Structure Research	Scale	Input
Q69_4	Click to write the question text - Denise Pinal (on 8/1), Pharmacy	Scale	Input
Q47	Please rate the usefulness of the feedback you received on your poster during the poster practice session that took place the last day of your UTEP SRP experience.	Scale	Input
Q48	What would have made your SRP experience better?	Nominal	Input
Q49	What would improve the BUILDing SCHOLARS Summer Research Program, overall?	Nominal	Input
Q51	What is your date of birth (MM/DD/YYYY)?	Nominal	Input
Q52	What is your gender? - Selected Choice	Scale	Input
Q52_3_TEXT	What is your gender? - Your choice label here... - Text	Nominal	Input
Q53	What is your race? Choose the one that you more closely associate with. - Selected Choice	Scale	Input
Q53_6_TEXT	What is your race? Choose the one that you more closely associate with. - Other (please specify) - Text	Nominal	Input
Q54	Are you Hispanic or Latino/Latina?	Scale	Input
Q55_1	What year are you in college? - I am a:	Scale	Input
Q57	Please indicate who your parent "1" is below. - Selected Choice	Scale	Input
Q57_3_TEXT	Please indicate who your parent "1" is below. - Other guardian (please specify) - Text	Nominal	Input
Q58	What is the highest degree or level of school your parent "1" completed?	Scale	Input
Q59	What was your parent's "1" career at the time you were 18 years of age? Please use one of the career codes listed in the table below.	Nominal	Input
Q61	Please indicate who your parent "2" is below. - Selected Choice	Scale	Input
Q61_3_TEXT	Please indicate who your parent "2" is below. - Other guardian (please specify) - Text	Nominal	Input
Q62	What is the highest degree or level of school your parent "2" completed?	Scale	Input



Q63	What was your parent's "2" career at the time you were 18 years of age? Please use one of the career codes listed in the table below.	Nominal	Input
Q66	On average, how many people lived in your household when you were a child? (Please provide an average if your household was comprised of varying numbers of members across your childhood)	Nominal	Input
Q67	On average, how many bedrooms did your home have when you were a child? (Please provide an average if your family resided in multiple homes across your childhood)	Nominal	Input
Q68	Were you born in the U.S.?	Scale	Input
Think_Work_Scientist_COMP	Mean of items related to thinking and working like a scientist	Scale	Input
Research_Skills_COMP	Mean of items related to research skills	Scale	Input
Attitudes_COMP	Mean of items related to attitudes and behaviors as a scientist	Scale	Input
Personal_Gains_COMP	Mean of items related to personal gains related to research	Scale	Input
PRE_science_identity	Mean of items related to science identity (PRE)	Scale	Input
POST_science_identity	Mean of items related to science identity (POST)	Scale	Input
Pre_science_SE	Mean of items related to science self-efficacy (PRE)	Scale	Input
Post_science_SE	Mean of items related to science self-efficacy (POST)	Scale	Input
MCA	Mean of items related to mentors competency as perceived by mentees	Scale	Input
Research_SE_COMP	Research self-efficacy	Scale	Input
Satisfaction	Satisfaction with mentor/research experience (Q12_1 to 12_6)	Scale	Input

Variable Values		
Value		Label
AFFILIATION	1.00	BUILD Fellow

	2.00	Pipeline Partner
	3.00	UTEP non-BUILD
Q3_3	1	Yes
	2	No
Q3_4	1	Yes
	2	No
Q3_5	1	Yes
	2	No
Q3_6	1	Yes
	2	No
Q4_1	1	Yes
	2	No
Q4_2	1	Yes
	2	No
Q4_3	1	Yes
	2	No
Q4_4	1	Yes
	2	No
Q4_5	1	Yes
	2	No
Q4_6	1	Yes
	2	No
Q4_7	1	Yes
	2	No
Q4_8	1	Yes
	2	No
Q4_9	1	Yes
	2	No
Q4_10	1	Yes
	2	No
Q4_12	1	Yes
	2	No
Q5	1	The faculty member of record
	2	A post-doc in the faculty's lab or on his/her team
	3	A graduate student in the faculty's lab or on his/her team
	4	An undergraduate student in the faculty's lab or on his/her team
	5	Another faculty member
	6	Other (please specify)

Q6	1	Mentor
	2	Second mentor
	3	This person was not listed on my Chronus connection plan
Q7_1	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q7_2	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q7_3	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q7_4	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q7_5	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q7_6	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q7_7	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain

Q7_8	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q8_1	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q8_2	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q8_3	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q8_4	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q8_5	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q8_6	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q8_7	1	No Gains
	2	A Little Gain
	3	Moderate Gain

	4	Good Gain
	5	Great Gain
Q9_1	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q9_2	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q9_3	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q9_4	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q9_5	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q9_6	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q9_7	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q9_8	1	No Gains

	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q9_9	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q9_10	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q9_11	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q9_12	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q9_13	1	No Gains
	2	A Little Gain
	3	Moderate Gain
	4	Good Gain
	5	Great Gain
Q11_1	1	None
	2	A Little
	3	Some
	4	A Fair Amount
	5	A Great Deal
Q11_2	1	None
	2	A Little
	3	Some
	4	A Fair Amount

	5	A Great Deal
Q11_3	1	None
	2	A Little
	3	Some
	4	A Fair Amount
	5	A Great Deal
Q11_4	1	None
	2	A Little
	3	Some
	4	A Fair Amount
	5	A Great Deal
Q11_5	1	None
	2	A Little
	3	Some
	4	A Fair Amount
	5	A Great Deal
Q11_6	1	None
	2	A Little
	3	Some
	4	A Fair Amount
	5	A Great Deal
Q11_7	1	None
	2	A Little
	3	Some
	4	A Fair Amount
	5	A Great Deal
Q11_8	1	None
	2	A Little
	3	Some
	4	A Fair Amount
	5	A Great Deal
Q12_1	1	Poor
	2	Fair
	3	Good
	4	Excellent
Q12_2	1	Poor
	2	Fair
	3	Good

	4	Excellent
Q12_3	1	Poor
	2	Fair
	3	Good
	4	Excellent
Q12_4	1	Poor
	2	Fair
	3	Good
	4	Excellent
Q12_5	1	Poor
	2	Fair
	3	Good
	4	Excellent
Q12_6	1	Poor
	2	Fair
	3	Good
	4	Excellent
Q13_1	1	Yes
	2	No
Q13_2	1	Yes
	2	No
Q13_3	1	Yes
	2	No
Q13_4	1	Yes
	2	No
Q13_5	1	Yes
	2	No
Q13_6	1	Yes
	2	No
Q13_7	1	Yes
	2	No
Q13_8	1	Yes
	2	No
Q13_9	1	Yes
	2	No
Q13_10	1	Yes
	2	No
Q14	1	(1) Definitely will not



	2	(2)
	3	(3)
	4	(4)
	5	(5) Definitely will
Q15_1	1	Strongly Disagree
	2	Disagree
	3	Agree
	4	Strongly Agree
Q15_2	1	Strongly Disagree
	2	Disagree
	3	Agree
	4	Strongly Agree
Q15_3	1	Strongly Disagree
	2	Disagree
	3	Agree
	4	Strongly Agree
Q15_4	1	Strongly Disagree
	2	Disagree
	3	Agree
	4	Strongly Agree
Q15_5	1	Strongly Disagree
	2	Disagree
	3	Agree
	4	Strongly Agree
Q16_1	0	NA
	1	Not More Likely
	2	A Little More Likely
	3	Somewhat More Likely
	4	Much More Likely
	5	Extremely More Likely
Q16_2	0	NA
	1	Not More Likely
	2	A Little More Likely
	3	Somewhat More Likely
	4	Much More Likely
	5	Extremely More Likely
Q16_3	0	NA
	1	Not More Likely

	2	A Little More Likely
	3	Somewhat More Likely
	4	Much More Likely
	5	Extremely More Likely
Q16_4	0	NA
	1	Not More Likely
	2	A Little More Likely
	3	Somewhat More Likely
	4	Much More Likely
	5	Extremely More Likely
Q16_5	0	NA
	1	Not More Likely
	2	A Little More Likely
	3	Somewhat More Likely
	4	Much More Likely
	5	Extremely More Likely
Q16_6	0	NA
	1	Not More Likely
	2	A Little More Likely
	3	Somewhat More Likely
	4	Much More Likely
	5	Extremely More Likely
Q16_7	0	NA
	1	Not More Likely
	2	A Little More Likely
	3	Somewhat More Likely
	4	Much More Likely
	5	Extremely More Likely
Q18_1	1	Very Dissatisfied
	2	Dissatisfied
	3	Satisfied
	4	Very Satisfied
Q18_2	1	Very Dissatisfied
	2	Dissatisfied
	3	Satisfied
	4	Very Satisfied
Q18_3	1	Very Dissatisfied
	2	Dissatisfied

	3	Satisfied
	4	Very Satisfied
Q18_5	1	Very Dissatisfied
	2	Dissatisfied
	3	Satisfied
	4	Very Satisfied
Q18_6	1	Very Dissatisfied
	2	Dissatisfied
	3	Satisfied
	4	Very Satisfied
Q18_7	1	Very Dissatisfied
	2	Dissatisfied
	3	Satisfied
	4	Very Satisfied
Q18_8	1	Very Dissatisfied
	2	Dissatisfied
	3	Satisfied
	4	Very Satisfied
Q18_9	1	Very Dissatisfied
	2	Dissatisfied
	3	Satisfied
	4	Very Satisfied
Q18_12	1	Very Dissatisfied
	2	Dissatisfied
	3	Satisfied
	4	Very Satisfied
Q18_13	1	Very Dissatisfied
	2	Dissatisfied
	3	Satisfied
	4	Very Satisfied
Q19	1	Yes
	2	No
	3	Not Applicable/Don't Know
Q20	1	Never participated
	2	1 semester
	3	2 semesters
	4	3 semesters
	5	4 or more semesters

Q21	1	Never participated
	2	1 summer
	3	2 summers
	4	3 summers
Q22	1	1-5 hours
	2	6-10 hours
	3	11-15 hours
	4	16-20 hours
	5	21 or more hours
Q23	1	None
	2	1 hour
	3	2 hours
	4	3 hours
	5	4 or more hours
Q24	9	Yes
	10	No
Q25_1_1	1	Not at all Important
	2	Somewhat Important
	3	Very Important
	4	Essential
Q25_1_2	1	Not at all Important
	2	Somewhat Important
	3	Very Important
	4	Essential
Q25_1_3	1	Not at all Important
	2	Somewhat Important
	3	Very Important
	4	Essential
Q25_2_1	1	Not at all Important
	2	Somewhat Important
	3	Very Important
	4	Essential
Q25_2_2	1	Not at all Important
	2	Somewhat Important
	3	Very Important
	4	Essential
Q25_2_3	1	Not at all Important
	2	Somewhat Important

	3	Very Important
	4	Essential
Q26_1_1	1	Strongly Disagree
	2	Disagree
	3	Neither Disagree nor Agree
	4	Agree
	5	Strongly Agree
Q26_1_2	1	Strongly Disagree
	2	Disagree
	3	Neither Disagree nor Agree
	4	Agree
	5	Strongly Agree
Q26_1_3	1	Strongly Disagree
	2	Disagree
	3	Neither Disagree nor Agree
	4	Agree
	5	Strongly Agree
Q26_1_4	1	Strongly Disagree
	2	Disagree
	3	Neither Disagree nor Agree
	4	Agree
	5	Strongly Agree
Q26_2_1	1	Strongly Disagree
	2	Disagree
	3	Neither Disagree nor Agree
	4	Agree
	5	Strongly Agree
Q26_2_2	1	Strongly Disagree
	2	Disagree
	3	Neither Disagree nor Agree
	4	Agree
	5	Strongly Agree
Q26_2_3	1	Strongly Disagree
	2	Disagree
	3	Neither Disagree nor Agree
	4	Agree
	5	Strongly Agree
Q26_2_4	1	Strongly Disagree

	2	Disagree
	3	Neither Disagree nor Agree
	4	Agree
	5	Strongly Agree
Q27_1_1	1	Not at all Confident
	2	Somewhat Confident
	3	Moderately Confident
	4	Very Confident
	5	Absolutely Confident
Q27_1_2	1	Not at all Confident
	2	Somewhat Confident
	3	Moderately Confident
	4	Very Confident
	5	Absolutely Confident
Q27_1_3	1	Not at all Confident
	2	Somewhat Confident
	3	Moderately Confident
	4	Very Confident
	5	Absolutely Confident
Q27_1_4	1	Not at all Confident
	2	Somewhat Confident
	3	Moderately Confident
	4	Very Confident
	5	Absolutely Confident
Q27_1_5	1	Not at all Confident
	2	Somewhat Confident
	3	Moderately Confident
	4	Very Confident
	5	Absolutely Confident
Q27_1_6	1	Not at all Confident
	2	Somewhat Confident
	3	Moderately Confident
	4	Very Confident
	5	Absolutely Confident
Q27_1_7	1	Not at all Confident
	2	Somewhat Confident
	3	Moderately Confident
	4	Very Confident

	5	Absolutely Confident
Q27_1_8	1	Not at all Confident
	2	Somewhat Confident
	3	Moderately Confident
	4	Very Confident
	5	Absolutely Confident
Q27_1_9	1	Not at all Confident
	2	Somewhat Confident
	3	Moderately Confident
	4	Very Confident
	5	Absolutely Confident
Q27_1_10	1	Not at all Confident
	2	Somewhat Confident
	3	Moderately Confident
	4	Very Confident
	5	Absolutely Confident
Q27_2_1	1	Not at all Confident
	2	Somewhat Confident
	3	Moderately Confident
	4	Very Confident
	5	Absolutely Confident
Q27_2_2	1	Not at all Confident
	2	Somewhat Confident
	3	Moderately Confident
	4	Very Confident
	5	Absolutely Confident
Q27_2_3	1	Not at all Confident
	2	Somewhat Confident
	3	Moderately Confident
	4	Very Confident
	5	Absolutely Confident
Q27_2_4	1	Not at all Confident
	2	Somewhat Confident
	3	Moderately Confident
	4	Very Confident
	5	Absolutely Confident
Q27_2_5	1	Not at all Confident
	2	Somewhat Confident

	3	Moderately Confident
	4	Very Confident
	5	Absolutely Confident
Q27_2_6	1	Not at all Confident
	2	Somewhat Confident
	3	Moderately Confident
	4	Very Confident
	5	Absolutely Confident
Q27_2_7	1	Not at all Confident
	2	Somewhat Confident
	3	Moderately Confident
	4	Very Confident
	5	Absolutely Confident
Q27_2_8	1	Not at all Confident
	2	Somewhat Confident
	3	Moderately Confident
	4	Very Confident
	5	Absolutely Confident
Q27_2_9	1	Not at all Confident
	2	Somewhat Confident
	3	Moderately Confident
	4	Very Confident
	5	Absolutely Confident
Q27_2_10	1	Not at all Confident
	2	Somewhat Confident
	3	Moderately Confident
	4	Very Confident
	5	Absolutely Confident
Q28_1_1	1	Extremely Unlikely
	2	Somewhat Unlikely
	3	Neither Likely nor Unlikely
	4	Somewhat Likely
	5	Extremely Likely
Q28_2_1	1	Extremely Unlikely
	2	Somewhat Unlikely
	3	Neither Likely nor Unlikely
	4	Somewhat Likely
	5	Extremely Likely



Q29_1	1	Not like me at all
	2	Not much like me
	3	Somewhat like me
	4	Mostly like me
	5	Very much like me
Q29_2	1	Not like me at all
	2	Not much like me
	3	Somewhat like me
	4	Mostly like me
	5	Very much like me
Q29_3	1	Not like me at all
	2	Not much like me
	3	Somewhat like me
	4	Mostly like me
	5	Very much like me
Q29_4	1	Not like me at all
	2	Not much like me
	3	Somewhat like me
	4	Mostly like me
	5	Very much like me
Q29_5	1	Not like me at all
	2	Not much like me
	3	Somewhat like me
	4	Mostly like me
	5	Very much like me
Q29_6	1	Not like me at all
	2	Not much like me
	3	Somewhat like me
	4	Mostly like me
	5	Very much like me
Q29_7	1	Not like me at all
	2	Not much like me
	3	Somewhat like me
	4	Mostly like me
	5	Very much like me
Q29_8	1	Not like me at all
	2	Not much like me
	3	Somewhat like me

	4	Mostly like me
	5	Very much like me
Q29_9	1	Not like me at all
	2	Not much like me
	3	Somewhat like me
	4	Mostly like me
	5	Very much like me
Q29_10	1	Not like me at all
	2	Not much like me
	3	Somewhat like me
	4	Mostly like me
	5	Very much like me
Q29_11	1	Not like me at all
	2	Not much like me
	3	Somewhat like me
	4	Mostly like me
	5	Very much like me
Q29_12	1	Not like me at all
	2	Not much like me
	3	Somewhat like me
	4	Mostly like me
	5	Very much like me
Q30_1	1	Not Well at All
	2	Slightly Well
	3	Somewhat Well
	4	Very Well
	5	Extremely Well
Q30_2	1	Not Well at All
	2	Slightly Well
	3	Somewhat Well
	4	Very Well
	5	Extremely Well
Q30_3	1	Not Well at All
	2	Slightly Well
	3	Somewhat Well
	4	Very Well
	5	Extremely Well
Q30_4	0	NA

	1	Not Well at All
	2	Slightly Well
	3	Somewhat Well
	4	Very Well
	5	Extremely Well
Q31_1	1	Strongly Disagree
	2	Disagree
	3	Neither Agree nor Disagree
	4	Agree
	5	Strongly Agree
Q31_2	1	Strongly Disagree
	2	Disagree
	3	Neither Agree nor Disagree
	4	Agree
	5	Strongly Agree
Q31_3	1	Strongly Disagree
	2	Disagree
	3	Neither Agree nor Disagree
	4	Agree
	5	Strongly Agree
Q31_4	1	Strongly Disagree
	2	Disagree
	3	Neither Agree nor Disagree
	4	Agree
	5	Strongly Agree
Q31_5	1	Strongly Disagree
	2	Disagree
	3	Neither Agree nor Disagree
	4	Agree
	5	Strongly Agree
Q31_6	1	Strongly Disagree
	2	Disagree
	3	Neither Agree nor Disagree
	4	Agree
	5	Strongly Agree
Q32_1	1	No Confidence
	2	Very Little Confidence
	3	Some Confidence

	4	Much Confidence
	5	Complete Confidence
Q32_2	1	No Confidence
	2	Very Little Confidence
	3	Some Confidence
	4	Much Confidence
	5	Complete Confidence
Q32_3	1	No Confidence
	2	Very Little Confidence
	3	Some Confidence
	4	Much Confidence
	5	Complete Confidence
Q32_4	1	No Confidence
	2	Very Little Confidence
	3	Some Confidence
	4	Much Confidence
	5	Complete Confidence
Q32_5	1	No Confidence
	2	Very Little Confidence
	3	Some Confidence
	4	Much Confidence
	5	Complete Confidence
Q32_6	1	No Confidence
	2	Very Little Confidence
	3	Some Confidence
	4	Much Confidence
	5	Complete Confidence
Q32_7	1	No Confidence
	2	Very Little Confidence
	3	Some Confidence
	4	Much Confidence
	5	Complete Confidence
Q32_8	1	No Confidence
	2	Very Little Confidence
	3	Some Confidence
	4	Much Confidence
	5	Complete Confidence
Q32_9	1	No Confidence

	2	Very Little Confidence
	3	Some Confidence
	4	Much Confidence
	5	Complete Confidence
Q32_10	1	No Confidence
	2	Very Little Confidence
	3	Some Confidence
	4	Much Confidence
	5	Complete Confidence
Q33_1	1	Strongly Disagree
	2	Disagree
	3	Neither Agree nor Disagree
	4	Agree
	5	Strongly Agree
Q33_2	1	Strongly Disagree
	2	Disagree
	3	Neither Agree nor Disagree
	4	Agree
	5	Strongly Agree
Q33_3	1	Strongly Disagree
	2	Disagree
	3	Neither Agree nor Disagree
	4	Agree
	5	Strongly Agree
Q33_4	1	Strongly Disagree
	2	Disagree
	3	Neither Agree nor Disagree
	4	Agree
	5	Strongly Agree
Q33_5	1	Strongly Disagree
	2	Disagree
	3	Neither Agree nor Disagree
	4	Agree
	5	Strongly Agree
Q34_1	1	Not at all Important
	2	Somewhat Important
	3	Very Important
Q34_2	1	Not at all Important

	2	Somewhat Important
	3	Very Important
Q34_3	1	Not at all Important
	2	Somewhat Important
	3	Very Important
Q35_1	1	Not at all Skilled
	2	Somewhat Skilled
	3	Very Skilled
Q35_2	1	Not at all Skilled
	2	Somewhat Skilled
	3	Very Skilled
Q35_3	1	Not at all Skilled
	2	Somewhat Skilled
	3	Very Skilled
Q36_1	1	Not at all
	2	Slightly
	3	Somewhat
	4	Neutral
	5	Moderately
	6	Very
	7	Extremely
Q36_2	1	Not at all
	2	Slightly
	3	Somewhat
	4	Neutral
	5	Moderately
	6	Very
	7	Extremely
Q36_3	1	Not at all
	2	Slightly
	3	Somewhat
	4	Neutral
	5	Moderately
	6	Very
	7	Extremely
Q36_4	1	Not at all
	2	Slightly
	3	Somewhat

	4	Neutral
	5	Moderately
	6	Very
	7	Extremely
Q36_5	1	Not at all
	2	Slightly
	3	Somewhat
	4	Neutral
	5	Moderately
	6	Very
	7	Extremely
Q36_6	1	Not at all
	2	Slightly
	3	Somewhat
	4	Neutral
	5	Moderately
	6	Very
	7	Extremely
Q36_7	1	Not at all
	2	Slightly
	3	Somewhat
	4	Neutral
	5	Moderately
	6	Very
	7	Extremely
Q36_8	1	Not at all
	2	Slightly
	3	Somewhat
	4	Neutral
	5	Moderately
	6	Very
	7	Extremely
Q36_9	1	Not at all
	2	Slightly
	3	Somewhat
	4	Neutral
	5	Moderately
	6	Very

	7	Extremely
Q36_10	1	Not at all
	2	Slightly
	3	Somewhat
	4	Neutral
	5	Moderately
	6	Very
	7	Extremely
Q36_11	1	Not at all
	2	Slightly
	3	Somewhat
	4	Neutral
	5	Moderately
	6	Very
	7	Extremely
Q36_12	1	Not at all
	2	Slightly
	3	Somewhat
	4	Neutral
	5	Moderately
	6	Very
	7	Extremely
Q36_13	1	Not at all
	2	Slightly
	3	Somewhat
	4	Neutral
	5	Moderately
	6	Very
	7	Extremely
Q36_26	1	Not at all
	2	Slightly
	3	Somewhat
	4	Neutral
	5	Moderately
	6	Very
	7	Extremely
Q36_14	1	Not at all
	2	Slightly



	3	Somewhat
	4	Neutral
	5	Moderately
	6	Very
	7	Extremely
Q36_15	1	Not at all
	2	Slightly
	3	Somewhat
	4	Neutral
	5	Moderately
	6	Very
	7	Extremely
Q36_16	1	Not at all
	2	Slightly
	3	Somewhat
	4	Neutral
	5	Moderately
	6	Very
	7	Extremely
Q36_17	1	Not at all
	2	Slightly
	3	Somewhat
	4	Neutral
	5	Moderately
	6	Very
	7	Extremely
Q36_18	1	Not at all
	2	Slightly
	3	Somewhat
	4	Neutral
	5	Moderately
	6	Very
	7	Extremely
Q36_19	1	Not at all
	2	Slightly
	3	Somewhat
	4	Neutral
	5	Moderately

	6	Very
	7	Extremely
Q36_20	1	Not at all
	2	Slightly
	3	Somewhat
	4	Neutral
	5	Moderately
	6	Very
	7	Extremely
Q36_21	1	Not at all
	2	Slightly
	3	Somewhat
	4	Neutral
	5	Moderately
	6	Very
	7	Extremely
Q36_22	1	Not at all
	2	Slightly
	3	Somewhat
	4	Neutral
	5	Moderately
	6	Very
	7	Extremely
Q36_23	1	Not at all
	2	Slightly
	3	Somewhat
	4	Neutral
	5	Moderately
	6	Very
	7	Extremely
Q36_24	1	Not at all
	2	Slightly
	3	Somewhat
	4	Neutral
	5	Moderately
	6	Very
	7	Extremely
Q36_25	1	Not at all

	2	Slightly
	3	Somewhat
	4	Neutral
	5	Moderately
	6	Very
	7	Extremely
Q37_1	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q37_2	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q37_3	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q37_4	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q37_5	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q37_6	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q37_7	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q37_8	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective

Q37_9	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q37_10	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q37_11	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q37_12	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q37_13	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q37_14	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q37_15	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q37_16	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q37_17	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q37_18	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective

	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q37_19	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q37_20	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q37_21	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q37_22	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q37_23	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q37_24	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q37_25	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q37_26	1	My mentor did not do this
	2	My mentor tried to do this but was ineffective
	3	My mentor did this sometimes, and was effective
	4	My mentor did this frequently, and was effective
Q38	5	No
	6	Yes
Q39	1	1 - Very Poor
	2	2

	3	3
	4	4
	5	5 - Excellent
Q40	5	No
	6	Yes
Q41	1	1 - Strongly dissatisfied
	2	2
	3	3
	4	4
	5	5 - Strongly satisfied
Q42_1	1	1 - Strongly disagree
	2	2
	3	3
	4	4
	5	5
	6	6
	7	7 - Strongly agree
Q42_2	1	1 - Strongly disagree
	2	2
	3	3
	4	4
	5	5
	6	6
	7	7 - Strongly agree
Q42_3	1	1 - Strongly disagree
	2	2
	3	3
	4	4
	5	5
	6	6
	7	7 - Strongly agree
Q42_4	1	1 - Strongly disagree
	2	2
	3	3
	4	4
	5	5
	6	6
	7	7 - Strongly agree

Q42_5	1	1 - Strongly disagree
	2	2
	3	3
	4	4
	5	5
	6	6
	7	7 - Strongly agree
Q42_6	1	1 - Strongly disagree
	2	2
	3	3
	4	4
	5	5
	6	6
	7	7 - Strongly agree
Q45	1	At UTEP
	2	At a Partner Institution
Q46_1_1	1	Poor
	2	Fair
	3	Good
	4	Very Good
	5	Excellent
Q46_1_2	1	Poor
	2	Fair
	3	Good
	4	Very Good
	5	Excellent
Q46_1_3	1	Poor
	2	Fair
	3	Good
	4	Very Good
	5	Excellent
Q46_1_4	1	Poor
	2	Fair
	3	Good
	4	Very Good
	5	Excellent
Q69_1	1	Poor
	2	Fair

	3	Good
	4	Very Good
	5	Excellent
Q69_2	1	Poor
	2	Fair
	3	Good
	4	Very Good
	5	Excellent
Q69_3	1	Poor
	2	Fair
	3	Good
	4	Very Good
	5	Excellent
Q69_4	1	Poor
	2	Fair
	3	Good
	4	Very Good
	5	Excellent
Q47	1	Not at all useful
	2	Slightly useful
	3	Moderately useful
	4	Very useful
	5	Extremely useful
Q52	1	Male
	2	Female
	3	Your choice label here...
Q53	1	American Indian
	2	Asian
	3	Black or African American
	4	Native Hawaiian or other Pacific Islander
	5	White
	6	Other (please specify)
Q54	1	No
	2	Yes
Q55_1	1	Freshman/Rising Sophomore
	2	Sophomore/Rising Junior
	3	Junior/Rising Senior
	4	Senior



	5	Other
Q57	1	Mother
	2	Father
	3	Other guardian (please specify)
Q58	1	No schooling completed
	2	Some schooling, but less than 6th grade
	3	6th to 12th grade - no diploma
	4	Regular high school diploma
	5	GED or alternate credential
	6	Some college credit, but less than 1 year of college
	7	1 or more years of college credit, no degree
	8	Associate's degree (e.g., AA, AS)
	9	Bachelor's degree (e.g., BA, BS)
	10	Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA)
	11	Professional degree (e.g., MD, DDS, DVM, LLB, JD)
	12	Doctorate degree (e.g., PhD, EdD)
Q61	1	Mother
	2	Father
	3	Other guardian (please specify)
Q62	1	No schooling completed
	2	Some schooling, but less than 6th grade
	3	6th to 12th grade - no diploma
	4	Regular high school diploma
	5	GED or alternate credential
	6	Some college credit, but less than 1 year of college
	7	1 or more years of college credit, no degree
	8	Associate's degree (e.g., AA, AS)
	9	Bachelor's degree (e.g., BA, BS)
	10	Master's degree (e.g., MA, MS, MEng, MEd, MSW, MBA)
	11	Professional degree (e.g., MD, DDS, DVM, LLB, JD)
	12	Doctorate degree (e.g., PhD, EdD)
Q68	5	No
	6	Yes



THE UNIVERSITY OF TEXAS AT EL PASO

## Instructions for Judges



Using the judging app, please score in terms of the student's development as a researcher using the following criteria:

### The poster presentation indicates that the student

Needs improvement	(1 point)	... is in the very early stages of development with respect to this learning outcome
Satisfactory	(2 points)	... is in the process of achieving this learning outcome
Very good	(3 points)	... has almost mastered this learning outcome but still has <b>minor</b> flaws or is lacking polish
Outstanding	(4 points)	... has mastered this learning outcome without any flaws

Learning Outcome	Indicators (as shown in judging app)
<b>Identify and utilize relevant previous work that supports the research, scholarly or creative work</b>	<ol style="list-style-type: none"> <li>1. Presenter provides sufficient background information to place the project in appropriate scholarly context</li> <li>2. Presenter effectively communicates the significance of the project and contribution to the field or society</li> </ol>
<b>Articulate a timely or important research question or creative objective</b>	<ol style="list-style-type: none"> <li>3. Presenter clearly articulates the research question or creative objective.</li> <li>4. The research question or creative objective follows logically from the previous work cited</li> </ol>
<b>Identify and utilize appropriate methods to address the research question or creative objective</b>	<ol style="list-style-type: none"> <li>5. Presenter clearly explains the methods and links methods to the project objective.</li> <li>6. Presenter effectively communicates the project progress and results, and interprets results with respect to the research question or creative objective.</li> </ol>
<b>Present the research effectively in a conference setting</b>	<ol style="list-style-type: none"> <li>7. Presentation materials, performance or visuals are relevant and of professional quality</li> <li>8. Presentation is structured, organized and flows logically.</li> <li>9. Presenter has command of the topic and can easily answer questions.</li> <li>10. Presenter is clear, enthusiastic, and effectively engages the audience</li> </ol>

## Instructions for Judges (cont.)

**Please visit the ASSIGNED POSTERS**

*If you have a conflict of interest (personal or professional relationship with poster presenter) please select an alternate poster to evaluate*

**Critically evaluate each poster presentation according to the rating scale and the indicators listed.**

**The results will be used for program evaluation.**

*Anonymized and aggregated scores and comments may be shared with the student and faculty mentor.*

*You may complete as many evaluations as you choose within the time frame of the poster session(s).*

***Thank you for your support of Undergraduate Research and BUILDing SCHOLARS***

