2019 CIRP Freshman Survey Constructs & Individual Item Responses by College

Constructs & Items	CSUSB (N=2,025)	CAL (N=245)	CBP (N=248)	CNS (N=924)	CSB (N=430)	CUV (N=178)
Construct 1: Academic Self-Concept	1= "Lowest 10%" & 5= "Highest 10%"					
Rate yourself on each of the following traits as compared with the average person your age:						
Academic ability	3.6	3.5	3.6	3.6	3.5	3.5
Mathematical ability	3.2	2.8	3.3	3.4	2.9	3.1
Self-confidence - intellectual	3.4	3.3	3.5	3.4	3.3	3.3
Drive to achieve	4.0	3.9	4.1	4.0	4.0	4.0
Construct 2: Civic Engagement	1= "Not at All", 2= "Occasionally", 3="Frequently"					
Indicate activities you did in the past year:						
Demonstrated for a cause (e.g., boycott, rally, protest)	1.2	1.3	1.2	1.2	1.2	1.2
Publicly communicated my opinion about a cause (e.g., blog, email, petition)	1.5	1.6	1.5	1.5	1.6	1.5
Helped raise money for a cause or campaign	1.5	1.5	1.5	1.5	1.5	1.4
Performed volunteer work	2.1	2.1	2.0	2.1	2.1	2.0
Indicate the importance to you personally of each of the following:	1= "Not Important" & 4= "Essential"					
Influencing social values	2.4	2.5	2.4	2.3	2.6	2.4
Keeping up to date with political affairs	2.2	2.2	2.3	2.2	2.4	2.2
Construct 3: Likelihood of College Involvement Construct	1= "No Chance" & 4= "Very Good Chance"					
What is your best guess as to the chances that you will:						
Participate in student clubs/groups	3.2	3.2	3.1	3.2	3.2	3.0
Participate in volunteer or community service work	3.0	3.0	3.0	3.0	3.1	2.9
Participate in a study abroad program	2.4	2.6	2.5	2.4	2.5	2.4
Participate in student government	2.0	1.9	2.1	2.0	2.2	2.0
Construct 4: College Reputation Orientation	1= "Not Important", 2= "Somewhat Important" & 3= "Very Important"					
How important was each reason in your decision to come here?						
This college's graduates get good jobs	2.3	2.3	2.3	2.3	2.3	2.3
This college's graduates gain admission to top graduate/professional schools	1.9	1.9	1.9	2.0	1.9	2.0
This college has a very good academic reputation	2.5	2.4	2.5	2.5	2.5	2.4
Construct 5: Habits of Mind	1= "Not at All", 2= "Occasionally", 3="Frequently"					
How often in the past year did you:						
Ask questions in class	2.3	2.3	2.3	2.3	2.3	2.2
Support your opinions with a logical argument	2.4	2.4	2.4	2.4	2.4	2.3
Seek solutions to problems and explain them to others	2.4	2.4	2.4	2.4	2.4	2.3
Evaluate the quality or reliability of information you received	2.3	2.3	2.4	2.3	2.3	2.3
Take a risk because you feel you have more to gain	2.2	2.2	2.2	2.2	2.2	2.2
Seek alternative solutions to a problem	2.4	2.3	2.4	2.4	2.4	2.3
Look up scientific research articles and resources	2.0	1.9	1.9	2.0	2.0	1.8
Explore topics on your own, even though it was not required for a class	2.1	2.1	2.2	2.1	2.2	2.0
Accept mistakes as part of the learning process	2.6	2.6	2.6	2.6	2.6	2.5
Analyze multiple sources of information before coming to a conclusion	2.4	2.3	2.4	2.4	2.4	2.3
Take on a challenge that scares you	2.2	2.1	2.2	2.2	2.2	2.1
Construct 6: Pluralistic Orientation	1= "Lowest 10%" & 5= "Highest 10%"					
Rate yourself on each of the following traits as compared with the average person your age:						
Ability to see the world from someone else's perspective	4.0	4.0	3.9	4.0	4.0	3.9
Tolerance of others with different beliefs	4.1	4.1	4.0	4.1	4.1	4.0
Openness to having my own views challenged	3.8	3.7	3.8	3.8	3.9	3.7
Ability to discuss and negotiate controversial issues	3.7	3.6	3.7	3.8	3.8	3.6
Ability to work cooperatively with diverse people	4.3	4.3	4.3	4.3	4.4	4.2
Construct 7: Social Agency	1= "Not Important" & 4= "Essential"					
Indicate the importance to you personally of each of the following:						
Participating in a community action program	2.3	2.3	2.3	2.3	2.5	2.3
Helping to promote racial understanding	2.7	2.7	2.7	2.6	2.8	2.7
Becoming a community leader	2.3	2.2	2.3	2.2	2.5	2.1
Influencing social values	2.4	2.5	2.4	2.3	2.6	2.4
Helping others who are in difficulty	3.2	3.2	3.1	3.2	3.2	3.2
Keeping up to date with political affairs	2.2	2.2	2.3	2.2	2.4	2.2
Construct 8: Science Self-Efficacy	1= "Not at all" & 5= "Absolutely"					
How confident are you that you can:						
Use technical science skills (use of tools, instruments, and/or techniques)	3.1	2.7	3.0	3.3	2.9	3.0
Generate an answerable research question	3.1	3.1	3.2	3.2	3.0	3.0
Determine how to collect appropriate data	3.2	3.1	3.3	3.3	3.2	3.1
Explain the results of a study	3.3	3.1	3.3	3.3	3.2	3.2
Use scientific literature to guide research	2.8	2.7	2.8	2.9	2.7	2.6
Integrate results from multiple studies	3.0	2.9	3.1	3.1	3.0	2.8
Ask relevant questions	3.7	3.6	3.7	3.7	3.7	3.5
Identify what is known and not known about a problem	3.5	3.3	3.5	3.5	3.5	3.2
Understand scientific concepts	3.1	2.9	3.0	3.4	2.9	2.9
See connections between different areas of science and mathematics	3.2	2.8	3.1	3.5	2.9	3.0
Construct 9: Science Identity	1= "Stongly Disagree" & 5= "Strongly Agree"					
To what extent are the following statements true of you:						
I have a strong sense of belonging to the community of scientists	2.6	1.9	2.0	3.2	2.2	2.5
I derive great personal satisfaction from working on a team that is doing important research	3.4	3.0	3.2	3.6	3.3	3.3
I think of myself as a scientist	2.2	1.5	1.6	2.7	1.8	2.0
I feel like I belong in the field of science	2.7	1.5	1.8	3.5	2.0	2.5
Construct 10: Social Self-Concept	1= "Lowest 10%" & 5= "Highest 10%"					
Rate yourself on each of the following traits as compared with the average person your age:						
Self-confidence - social	3.2	3.1	3.3	3.2	3.3	3.1
Leadership ability	3.5	3.5	3.7	3.5	3.6	3.5
Public speaking ability	2.9	2.9	3.1	2.9	3.0	2.8

Note: Data excludes respondents who could not be identified due to an incorrect or missing student ID