### 2019 CIRP Freshman Survey Constructs & Individual Item Responses by College

<table>
<thead>
<tr>
<th>Constructs &amp; Items</th>
<th>CSUSB (N=2,025)</th>
<th>CAL (N=245)</th>
<th>CBP (N=248)</th>
<th>CNS (N=924)</th>
<th>CSB (N=430)</th>
<th>CUV (N=178)</th>
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<tbody>
<tr>
<td><strong>Construct 1: Academic Self-Concept</strong>&lt;br&gt;Rate yourself on each of the following traits as compared with the average person your age:&lt;br&gt;&lt;br&gt;Academic ability&lt;br&gt;Mathematical ability&lt;br&gt;Self-confidence - intellectual&lt;br&gt;Drive to achieve</td>
<td>4.0</td>
<td>3.5</td>
<td>3.6</td>
<td>3.6</td>
<td>3.5</td>
<td>3.5</td>
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<td><strong>Construct 2: Civic Engagement</strong>&lt;br&gt;Indicate activities you did in the past year:&lt;br&gt;&lt;br&gt;Demonstrated for a cause (e.g., boycott, rally, protest)&lt;br&gt;Publicly communicated my opinion about a cause (e.g., blog, email, petition)&lt;br&gt;Helped raise money for a cause or campaign&lt;br&gt;Performed volunteer work&lt;br&gt;Indicate the importance to you personally of each of the following:&lt;br&gt;Influencing social values&lt;br&gt;Keeping up to date with political affairs</td>
<td>1.2</td>
<td>1.3</td>
<td>1.2</td>
<td>1.2</td>
<td>1.2</td>
<td>1.2</td>
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<td><strong>Construct 3: Likelihood of College Involvement Construct</strong>&lt;br&gt;What is your best guess as to the chances that you will:&lt;br&gt;&lt;br&gt;Participate in student clubs/groups&lt;br&gt;Participate in volunteer or community service work&lt;br&gt;Participate in a study abroad program&lt;br&gt;Participate in student government</td>
<td>3.2</td>
<td>3.2</td>
<td>3.1</td>
<td>3.2</td>
<td>3.2</td>
<td>3.0</td>
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<td><strong>Construct 4: College Reputation Orientation</strong>&lt;br&gt;How important was each reason in your decision to come here?&lt;br&gt;This college's graduates get good jobs&lt;br&gt;This college's graduates gain admission to top graduate/professional schools&lt;br&gt;This college has a very good academic reputation</td>
<td>3.9</td>
<td>1.9</td>
<td>1.9</td>
<td>2.0</td>
<td>1.9</td>
<td>2.0</td>
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<td><strong>Construct 5: Habits of Mind</strong>&lt;br&gt;How often in the past year did you:&lt;br&gt;&lt;br&gt;Ask questions in class&lt;br&gt;Support your opinions with a logical argument&lt;br&gt;Seek solutions to problems and explain them to others&lt;br&gt;Evaluate the quality or reliability of information you received&lt;br&gt;Take a risk because you feel you have more to gain&lt;br&gt;Seek alternative solutions to a problem&lt;br&gt;Look up scientific research articles and resources&lt;br&gt;Explore topics on your own, even though it was not required for a class&lt;br&gt;Accept mistakes as part of the learning process&lt;br&gt;Analyze multiple sources of information before coming to a conclusion&lt;br&gt;Take on a challenge that scares you</td>
<td>2.3</td>
<td>2.3</td>
<td>2.3</td>
<td>2.3</td>
<td>2.3</td>
<td>2.2</td>
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<td><strong>Construct 6: Pluralistic Orientation</strong>&lt;br&gt;Rate yourself on each of the following traits as compared with the average person your age:&lt;br&gt;&lt;br&gt;Ability to see the world from someone else's perspective&lt;br&gt;Tolerance of others with different beliefs&lt;br&gt;Openness to having my own views challenged&lt;br&gt;Ability to discuss and negotiate controversial issues&lt;br&gt;Ability to work cooperatively with diverse people</td>
<td>4.0</td>
<td>4.0</td>
<td>3.9</td>
<td>4.0</td>
<td>4.0</td>
<td>3.9</td>
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<td><strong>Construct 7: Social Agency</strong>&lt;br&gt;Indicate the importance to you personally of each of the following:&lt;br&gt;&lt;br&gt;Participating in a community action program&lt;br&gt;Helping to promote racial understanding&lt;br&gt;Becoming a community leader&lt;br&gt;Influencing social values&lt;br&gt;Helping others who are in difficulty&lt;br&gt;Keeping up to date with political affairs</td>
<td>2.3</td>
<td>2.3</td>
<td>2.3</td>
<td>2.3</td>
<td>2.5</td>
<td>2.3</td>
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<td><strong>Construct 8: Science Self-Efficacy</strong>&lt;br&gt;How confident are you that you can:&lt;br&gt;&lt;br&gt;Use technical science skills (use of tools, instruments, and/or techniques)&lt;br&gt;Create a working answerable research question&lt;br&gt;Determine how to collect appropriate data&lt;br&gt;Understand scientific concepts&lt;br&gt;See connections between different areas of science and mathematics</td>
<td>3.1</td>
<td>2.7</td>
<td>3.0</td>
<td>3.3</td>
<td>2.9</td>
<td>3.0</td>
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<td><strong>Construct 9: Science Identity</strong>&lt;br&gt;To what extent are the following statements true of you:&lt;br&gt;&lt;br&gt;I have a strong sense of belonging to the community of scientists&lt;br&gt;I derive great personal satisfaction from working on a team that is doing important research&lt;br&gt;I think of myself as a scientist&lt;br&gt;I feel like I belong in the field of science</td>
<td>2.6</td>
<td>1.9</td>
<td>2.0</td>
<td>3.2</td>
<td>2.2</td>
<td>2.5</td>
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<td><strong>Construct 10: Social Self-Concept</strong>&lt;br&gt;Rate yourself on each of the following traits as compared with the average person your age:&lt;br&gt;&lt;br&gt;Self-confidence - social&lt;br&gt;Leadership ability&lt;br&gt;Public speaking ability</td>
<td>3.2</td>
<td>3.1</td>
<td>3.3</td>
<td>3.2</td>
<td>3.3</td>
<td>3.1</td>
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**Note:** Data excludes respondents who could not be identified due to an incorrect or missing student ID.