



**CIRP College Senior Survey  
2019  
Selected Item Related to Interdisciplinary Thinking**

**Demographics and Response Rates**

Responses	198
Men/ Trans Men	106
Women/Trans Women	86
Genderqueer	6
Comparison Group:	10 Private, Nonsectarian 4-Year Colleges (High Selectivity) (n = 2,327)
Longitudinal:	176 matched pairs from first to senior year (88%)

**Background:**

The CIRP Senior Survey (CSS) focuses on a broad range of outcomes and post-college goals and plans, including academic achievement and engagement, student-faculty interaction, cognitive and affective development, student goals and values, satisfaction with college, degree aspirations and experience, and employment and advanced education plans. This report is focused on items on the CSS that relate to the student learning outcome of *interdisciplinary thinking*. Results are first presented for HMC seniors in comparison with seniors at the group of comparison institutions listed above. Second, results are paired with the CIRP Freshman Survey to provide longitudinal data on students’ growth during their undergraduate experience. This can be used to understand the impact of Harvey Mudd College.

HMC participates in the CSS survey annually each spring and surveys all seniors.

The results of the senior survey are used throughout the campus-- in departmental program reviews to evaluate growth and development on student learning outcomes; in Career Services to establish anticipated career and graduate school activities; and by the College overall in accreditation and assessment activities.

**Highlights:**

- HMC seniors reported exploring topics on their own less frequently than their peers.
- HMC seniors reported higher frequency in seeing connections between different areas of science and mathematics than their peers did.
- HMC seniors reported exploring topics on their own less frequently than they did as first-year students.

<b>SENIORS</b>				
	<u>HMC</u>	<u>Comp</u>	<u>Diff</u>	<u>Sig</u>
	n = 198	n = 2,327		
<b>How often in the past year did you:</b>				
<i>1 = Not at All, 2 = Occasionally, 3 = Frequently</i>				
Explore topics on your own, even though it was not required for a class	2.37	2.49	▼	p < .01
<b>How confident are you that you can:</b>				
<i>1 = Not at All, 2 = Somewhat, 3 = Moderately, 4 = Very, 5 = Absolutely</i>				
See connections between different areas of science and mathematics	4.23	3.37	▲	p < .001

<b>LONGITUDINAL</b> (2013-2015 first-years and 2019 seniors)					
	<u>HMC</u>	<u>HMC</u>	<u>Change</u>	<u>Diff</u>	<u>Sig</u>
n = 176	<u>FY</u>	<u>SR</u>			
<b>How often in the past year did you:</b>					
<i>1 = Not at All, 2 = Occasionally, 3 = Frequently</i>					
Explore topics on your own, even though it was not required for a class	2.51	2.34	-0.17	▼	p < .01