

News from Institutional Research

This issue of "News from Institutional Research" looks at the change in attitudes and values from freshman to senior year using longitudinal data from the 2009 College Student Survey. HERI was able to find first-year responses from 413 of the seniors, 74% of those completing the survey.

2009 Graduating Seniors - Longitudinal Comparisons

<u>"DIVISION"</u>	<u>TOTAL</u>	<u>MEN</u>	<u>WOMEN</u>
Biological Sciences	59 (14% of total)	29 (49%)	30 (51%)
Business	105 (25% " ")	60 (57%)	45 (43%)
Humanities	51 (12% " ")	20 (39%)	31 (61%)
Nursing	35 (9% " ")	1 (3%)	34 (97%)
Physical Sciences	25 (6% " ")	13 (52%)	12 (48%)
Pre-Professional	53 (13% " ")	12 (23%)	41 (77%)
Psychology	47 (11% " ")	14 (30%)	33 (70%)
Social Sciences	38 (9% " ")	14 (37%)	24 (63%)

Political Views

Freshmen and seniors are asked to reveal their political views using a five point scale (1 = far right, 2 = conservative, 3 = middle-of-the-road, 4 = liberal, 5 = far left). Paired-Samples T Tests were used to determine if there was a statistically significant differences in the mean score of each major grouping as freshmen and as seniors. An up arrow "▲" indicates a statistically significant change toward liberal views.

	<u>Frosh</u>	<u>Senior</u>		<u>Frosh</u>	<u>Senior</u>
All Creighton	2.87	3.11 ▲	Physical Sciences	2.68	3.08 ▲
Biological Sciences	2.63	3.12 ▲	Pre-Professional	2.96	3.14
Business	2.77	2.79	Psychology	3.13	3.39 ▲
Humanities	3.02	3.46 ▲	Social Sciences	3.13	3.34
Nursing	2.74	2.94			

Attitudes and Values

Freshmen and seniors are asked to indicate the importance they assigned to various life goals/objectives using a four point scale (1 = not important, 2 = somewhat important, 3 = very important, 4 = essential). Paired-Samples T Tests were used to determine if there was a statistically significant differences in the mean score of each major grouping as freshmen and as seniors. An up arrow "▲" indicates a statistically significant increased change in the degree of importance. An down arrow "▼" indicates a statistically significant decreased change in the degree of importance.

<u>Help others in difficulty</u>	<u>Frosh</u>	<u>Senior</u>	<u>Develop meaningful philosophy of life</u>	<u>Frosh</u>	<u>Senior</u>
All Creighton	3.00	3.16 ▲	All Creighton	2.45	2.72 ▲
Biological Sciences	3.10	3.26	Biological Sciences	2.59	2.93 ▲
Business	2.93	3.07	Business	2.28	2.65 ▲
Humanities	3.04	3.20	Humanities	2.82	2.86
Nursing	3.03	3.09	Nursing	2.34	2.66
Physical Sciences	3.04	3.12	Physical Sciences	2.52	2.56
Pre-Professional	2.85	3.21 ▲	Pre-Professional	2.32	2.72 ▲
Psychology	3.04	3.13	Psychology	2.34	2.64
Social Sciences	3.08	3.29	Social Sciences	2.55	2.71

2009 Graduating Seniors - Longitudinal Comparisons

<u>Promote racial understanding</u>	<u>Frosh</u>	<u>Senior</u>	<u>Keep up to date with political affairs</u>	<u>Frosh</u>	<u>Senior</u>
All Creighton	2.20	2.36	All Creighton	2.43	2.66 ▲
Biological Sciences	2.15	2.36	Biological Sciences	2.39	2.63 ▲
Business	2.09	2.10	Business	2.53	2.78 ▲
Humanities	2.51	2.71	Humanities	2.43	2.67
Nursing	1.97	2.14	Nursing	2.14	2.17
Physical Sciences	2.00	2.20	Physical Sciences	2.32	2.36
Pre-Professional	2.13	2.45 ▲	Pre-Professional	2.34	2.55
Psychology	2.23	2.32	Psychology	2.36	2.55
Social Sciences	2.55	2.76	Social Sciences	2.95	3.37 ▲
<u>Integrate spirituality into my life</u>	<u>Frosh</u>	<u>Senior</u>	<u>Improve my understanding of other countries and cultures</u>	<u>Frosh</u>	<u>Senior</u>
All Creighton	2.20	2.36	All Creighton	2.62	2.89 ▲
Biological Sciences	2.15	2.36	Biological Sciences	2.80	2.83
Business	2.09	2.10	Business	2.45	2.78 ▲
Humanities	2.51	2.71	Humanities	2.43	2.67
Nursing	1.97	2.14	Nursing	2.31	2.46
Physical Sciences	2.00	2.20	Physical Sciences	2.32	2.80 ▲
Pre-Professional	2.13	2.45 ▲	Pre-Professional	2.42	2.89 ▲
Psychology	2.23	2.32	Psychology	2.74	2.89
Social Sciences	2.55	2.76	Social Sciences	3.00	3.42 ▲
<u>Become involved in programs to clean up the environment</u>	<u>Frosh</u>	<u>Senior</u>	<u>Influence the political structure</u>	<u>Frosh</u>	<u>Senior</u>
All Creighton	1.83	2.20 ▲	All Creighton	1.92	2.01
Biological Sciences	2.00	2.45 ▲	Biological Sciences	1.88	1.92
Business	1.84	2.15 ▲	Business	2.05	2.06
Humanities	1.82	2.16 ▲	Humanities	2.04	2.14
Nursing	1.63	2.06 ▲	Nursing	1.40	1.69 ▲
Physical Sciences	1.80	2.16 ▲	Physical Sciences	1.72	1.76
Pre-Professional	1.87	2.32 ▲	Pre-Professional	1.75	2.00 ▲
Psychology	1.79	2.09 ▲	Psychology	1.77	1.72
Social Sciences	1.78	2.22	Social Sciences	2.53	2.79
<u>Participate in a community action program</u>	<u>Frosh</u>	<u>Senior</u>	<u>Be very well off financially</u>	<u>Frosh</u>	<u>Senior</u>
All Creighton	2.20	2.39	All Creighton	2.87	2.60 ▼
Biological Sciences	2.22	2.39	Biological Sciences	2.83	2.46 ▼
Business	2.12	2.31	Business	3.20	3.06
Humanities	2.35	2.63 ▲	Humanities	2.69	2.41
Nursing	2.17	2.09	Nursing	2.77	2.54
Physical Sciences	2.16	2.32	Physical Sciences	2.68	2.40
Pre-Professional	2.11	2.36 ▲	Pre-Professional	2.72	2.43 ▼
Psychology	2.11	2.36 ▲	Psychology	2.85	2.45 ▼
Social Sciences	2.45	2.68	Social Sciences	2.73	2.49 ▼
<u>Influence social values</u>	<u>Frosh</u>	<u>Senior</u>		<u>Frosh</u>	<u>Senior</u>
All Creighton	2.45	2.59 ▲	Physical Sciences	2.32	2.32
Biological Sciences	2.42	2.53	Pre-Professional	2.40	2.64 ▲
Business	2.46	2.54	Psychology	2.43	2.68 ▲
Humanities	2.51	2.69	Social Sciences	2.89	2.92
Nursing	2.11	2.34 ▲			

2009 Graduating Seniors - Longitudinal Comparisons

Typical Weekly Schedule

Freshmen and seniors are asked to indicate how much time they spend during a typical week during their senior year in high school and their senior year in college on various activities using an eight point scale (1 = none, 2 = less than 1 hr, 3 = 1-2 hrs, 4 = 3-5 hrs, 5 = 6-10 hrs, 6=11-15 hrs, 7 = 16-20 hrs and 8 = over 20 hrs). Paired-Samples T Tests were used to determine if there was a statistically significant differences in the mean score of each major grouping as high school and college seniors. An up arrow “▲” indicates a statistically significant increased change in the degree of importance. An down arrow “▼” indicates a statistically significant decreased change in the degree of importance.

All students reported studying significantly more their senior year in college than their senior year in high school. All also reported spending significantly less time exercising or playing sports their senior year of college than their senior year of high school. Generally, less time was spent socializing with friends and playing video/computer games senior year at Creighton than senior year in high school but more time was spent partying and watching TV.

	High			High	
<u>Studying/doing homework</u>	<u>School</u>	<u>College</u>	<u>Socializing with friends</u>	<u>School</u>	<u>College</u>
All Creighton	4.70	5.68 ▲	All Creighton	5.74	5.53 ▼
Biological Sciences	5.09	5.98 ▲	Biological Sciences	5.56	5.44
Business	4.45	5.30 ▲	Business	5.79	5.87
Humanities	4.48	5.66 ▲	Humanities	5.58	5.60
Nursing	4.89	6.29 ▲	Nursing	5.97	5.26 ▼
Physical Sciences	4.80	6.04 ▲	Physical Sciences	5.56	5.20
Pre-Professional	4.75	5.43 ▲	Pre-Professional	6.00	5.49 ▼
Psychology	4.81	5.60 ▲	Psychology	5.74	5.51
Social Sciences	4.66	5.87 ▲	Social Sciences	5.66	5.24
<u>Exercising/sports</u>	<u>H.S.</u>	<u>College</u>	<u>Partying</u>	<u>H.S.</u>	<u>College</u>
All Creighton	5.08	3.99 ▼	All Creighton	3.20	3.81 ▲
Biological Sciences	5.25	4.20 ▼	Biological Sciences	2.80	3.80 ▲
Business	5.30	4.04 ▼	Business	3.75	4.39 ▲
Humanities	4.66	3.66 ▼	Humanities	2.46	3.56 ▲
Nursing	5.31	4.23 ▼	Nursing	3.43	3.46
Physical Sciences	4.88	3.80 ▼	Physical Sciences	2.60	2.76
Pre-Professional	4.96	4.25 ▼	Pre-Professional	3.40	3.98 ▲
Psychology	4.96	3.81 ▼	Psychology	3.09	3.67 ▲
Social Sciences	4.97	3.74 ▼	Social Sciences	3.21	3.55
<u>Watching TV</u>	<u>H.S.</u>	<u>College</u>	<u>Playing video/computer games</u>	<u>H.S.</u>	<u>College</u>
All Creighton	3.69	3.92 ▲	All Creighton	2.20	2.01 ▼
Biological Sciences	3.67	3.68	Biological Sciences	2.21	1.96 ▼
Business	3.97	4.23 ▲	Business	2.36	2.18
Humanities	3.44	3.76	Humanities	2.26	1.94 ▼
Nursing	3.44	3.82	Nursing	1.51	1.49
Physical Sciences	3.40	3.72	Physical Sciences	2.60	2.32
Pre-Professional	3.53	3.94 ▲	Pre-Professional	2.13	1.62 ▼
Psychology	3.83	4.11	Psychology	2.00	2.15
Social Sciences	3.68	3.61	Social Sciences	2.45	2.39