

News from Institutional Research

This issue of "News from Institutional Research" reports on the results of the 2010 College Student Survey completed by 483 undergraduate seniors in the spring of 2010, 62% of the traditional undergraduates invited to participate. A complete frequency count for each major included in each 'division' is on the third page.

2010 Graduating Seniors - Comparisons by Academic Divisions, Gender

<u>"DIVISION"</u>	<u>TOTAL</u>	<u>MEN</u>	<u>WOMEN</u>
Biological Sciences	62 (13% of total)	29 (47%)	33 (53%)
Business	107 (22% " ")	57 (53%)	50 (47%)
Humanities	52 (11% " ")	24 (46%)	28 (54%)
Nursing	56 (11% " ")	4 (7%)	52 (93%)
Physical Sciences	36 (7% " ")	23 (64%)	13 (36%)
Pre-Professional (see page three)	85 (18% " ")	18 (21%)	67 (79%)
Psychology	34 (7% " ")	8 (24%)	26 (76%)
Social Sciences (except Psychology)	51 (11% " ")	23 (45%)	28 (55%)

Financing a Creighton Education

Seniors were asked 1) how much money they had borrowed to help pay college expenses and 2) how much of the past year's educational expenses were paid from family resources, personal resources, grants and scholarships or loans using a 6 point scale (1 = none, 2 = less than \$1,000, 3 = \$1,000—\$2,999, 4 = \$3,000—\$5,999, 5 = \$6,000—\$9,999 and 6 = \$10,000 or more).

A comparison of mean scores by *academic division* using analysis of variance with post hoc tests shows statistically significant differences between mean scores on only the amount borrowed/owed and the amount of senior year expenses paid by loans (▲ = highest mean, ▼ = lowest mean). Pre-Professional majors reported owing significantly more money and relying significantly more on loans for senior year expenses than Physical Science majors. A comparison of mean scores by *gender* using the same tests indicates women borrowed significantly more and relied on loans significantly more than men.

Sources of educational expenses this past year	Biological Science	COBA	Humanities	Nursing	Physical Science	Pre-Profess.	Psychology	Social Science	Men	Women
Amount of money borrowed	\$31,458	\$37,925	\$32,171	\$33,471	\$26,488	\$42,397	\$31,625	\$27,910	\$28,631	\$37,606
Number responding	N=39	N=53	N=38	N=38	N=17	N=58	N=24	N=37	N=108	N=195
Money from family resources (parents, relatives, spouse, etc.)	4.03	4.56	4.29	4.40	3.92	4.16	4.24	3.92	4.60▲	4.01▼
Aid which must be repaid (loans, etc.)	3.92	3.00	3.88	3.93	2.61▼	4.07▲	3.82	3.71	3.17▼	3.89▲

Time Spent in Weekly Activities Senior Year

Seniors were asked to indicate how much time they spent during a typical week on twenty activities using an 8 point scale (1 = none, 2 = less than 1 hour, 3 = 1-2 hours, 4 = 3-5 hours, 5 = 6-10 hours, 6 = 11-15 hours, 7 = 16-20 hours and 8 = over 20 hours).

A comparison of means by *academic division* using analysis of variance with post hoc tests revealed statistically significant difference between mean scores on twelve of the twenty activities. A comparison of means by *gender* using the same tests revealed statistically significant difference between mean scores on nine of the twenty activities.

2010 Graduating Seniors - Comparisons by Academic Division, Gender

Nursing students report the highest number of hours spent in “classes and labs” and are included with Biological Sciences, Humanities and Physical Sciences in reporting the highest number of hours spent “studying and doing homework”. Business students report the highest number of hours spent “exercising/sports”, “partying”, “socializing with friends”, “watching TV” and “working for pay off campus”. Women are significantly more likely to report spending time in “career planning activities”, “housework/childcare”, “studying/homework”, “volunteer work” and “working for pay off campus” than men. As on page one, “▲” signifies the highest mean score(s) and “▼” signifies the lowest mean score(s).

Mean Scores	Biological Science	COBA	Humanities	Nursing	Physical Science	Pre-Profess	Psychology	Social Science	Men	Women
Attending classes/labs	6.29▼	6.07▼	5.92▼	6.95▲	6.67	6.12▼	5.91▼	6.10▼	6.17	6.25
Career Planning (job searches, internships, etc.)	2.45▼	3.04	2.56	3.12	2.42	3.21▲	3.09	2.90	2.71▼	3.01▲
Exercise/sports	4.06	4.32▲	3.58▼	3.79	3.94	4.04	3.74	3.61▼	4.18▲	3.81▼
Housework/childcare	2.45	2.68	2.50	2.85	2.11	2.57	2.56	2.53	2.31▼	2.73▲
Online social networks (MySpace, Facebook, etc.)	3.15	3.62	3.13	3.24	2.94▼	3.67	3.82▲	3.71	3.31	3.52
Partying	3.18▼	4.22▲	3.12▼	3.07▼	2.92▼	3.42▼	3.68	3.90	3.88▲	3.29▼
Prayer/Meditation	2.18	2.32	2.33	2.51▲	1.97	2.19	1.79▼	1.92▼	2.21	2.25
Socializing with friends	5.13	5.72▲	5.33	4.82▼	5.31	5.20	5.44	5.35	5.62▲	5.11▼
Studying/homework	6.18▲	5.08▼	5.98▲	6.30▲	6.28▲	5.28	5.03▼	5.65	5.47▼	5.75▲
Volunteer work	3.05▲	2.32▼	2.42	2.47	2.58	2.64	2.91	2.39	2.39▼	2.67▲
Watching TV	3.52▼	4.21▲	3.71	3.68	4.22▲	3.92	3.91	3.71	4.17▲	3.70▼
Working for pay on campus	3.74▲	2.54▼	3.35	2.33	4.06▲	3.29	4.00▲	3.39	3.21	3.21
Working for pay off campus	2.89▼	4.26▲	3.71	3.70	2.28▼	3.87	4.03	4.41	3.24▼	4.05▲

Career Considerations

Seniors were asked to indicate what considerations were important to them when thinking about a career path, using a 4 point scale (1 = not important, 2 = somewhat important, 3 = very important and 4 = essential).

“High income potential”, “leadership potential” and “social recognition or status” are significantly more important, while “working for social change” is significantly less important to Business students than to others graduating in 2010. Considerations about the “availability of jobs”, “expression of personal values”, “working for social change” and “work/life balance” are significantly more important to women than to men. In the chart below, the significantly different means are indicated by arrows (▲ = highest mean score(s), ▼ = lowest mean score(s)).

Mean Scores	Biological Science	COBA	Humanities	Nursing	Physical Science	Pre-Profess	Psychology	Social Science	Men	Women
Availability of jobs	3.21	3.06	3.02	3.18	2.97	3.19	6.06	3.12	2.98▼	3.19▲
Expression of personal values	2.98	2.93	3.08	3.16▲	2.58▼	2.98	2.97	3.02	2.86▼	3.04▲
High income potential	2.67▼	3.15▲	2.20▼	2.62▼	2.47▼	2.55▼	2.56▼	2.61▼	2.79▲	2.60▼
Leadership potential	3.08	3.32▲	2.61▼	3.07	2.61▼	2.92	2.88	3.14	3.04	2.99
Social recognition or status	2.25	2.57▲	2.04▼	2.16	2.06▼	2.16▼	2.47	2.37	2.40▲	2.21▼
Stable, secure future	3.54▲	3.44▲	3.08▼	3.36	3.33	3.29	3.18	3.24	3.34	3.33
Working for social change	2.67	2.27▼	2.84▲	2.71	2.08▼	2.80▲	3.06▲	3.04▲	2.43▼	2.79▲
Work/life balance	3.52	3.54	3.51	3.47	3.31	3.52	3.32	3.37	3.39▼	3.53▲

2010 Graduating Seniors - Comparisons by Academic Division

The following details the number of students completing the survey by major field of study.

	Biological Science	COBA	Humanities	Nursing	Physical Science	Pre- Profess.	Psychol- ogy	Social Science
Biology	55	0	0	0	0	0	0	0
Environmental Science	5	0	0	0	0	0	0	0
Emergency Medical Services	2	0	0	0	0	0	0	0
Economics	0	6	0	0	0	0	0	0
Accounting	0	24	0	0	0	0	0	0
Finance	0	30	0	0	0	0	0	0
International Business	0	4	0	0	0	0	0	0
Marketing	0	26	0	0	0	0	0	0
Management	0	15	0	0	0	0	0	0
Management Information Systems	0	2	0	0	0	0	0	0
Communication Studies	0	0	7	0	0	0	0	0
Classics	0	0	1	0	0	0	0	0
English	0	0	13	0	0	0	0	0
Fine Arts	0	0	4	0	0	0	0	0
Language	0	0	11	0	0	0	0	0
Philosophy	0	0	10	0	0	0	0	0
Theology	0	0	6	0	0	0	0	0
Nursing	0	0	0	56	0	0	0	0
Atmospheric Science	0	0	0	0	1	0	0	0
Biochemistry	0	0	0	0	7	0	0	0
Chemistry	0	0	0	0	18	0	0	0
Computer Science	0	0	0	0	3	0	0	0
Math	0	0	0	0	3	0	0	0
Physics	0	0	0	0	4	0	0	0
Elementary Education	0	0	0	0	0	11	0	0
Exercise Science	0	0	0	0	0	28	0	0
Health Administration Policy	0	0	0	0	0	12	0	0
Graphic Design	0	0	0	0	0	3	0	0
Journalism	0	0	0	0	0	19	0	0
Pharmacy/Therapy	0	0	0	0	0	5	0	0
Social Work	0	0	0	0	0	7	0	0
Psychology	0	0	0	0	0	0	34	0
Anthropology	0	0	0	0	0	0	0	2
History	0	0	0	0	0	0	0	12
Justice and Society	0	0	0	0	0	0	0	3
Political Science	0	0	0	0	0	0	0	25
Sociology	0	0	0	0	0	0	0	9
TOTAL	62	107	52	56	36	85	34	51