

Factors Related to Major Influence: The Amount of Income Earned and Your Gender

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HYPOTHESES

- ❖ A person's major can be influenced by their gender and their need to earn a certain amount of money.



PARTICIPANTS

- ❖ 44 Students
- ❖ 30 Women/14 Men
- ❖ Average Age = 24
- ❖ Race
 - African American(N =40),
 - Latino(N =2),
 - Native American(N= 1),
 - Biracial and (N = 1) and
 - All 44 participants did indicate their race.



MEASURES

- ❖ Majors
 - ❖ Criminal Justice (F N= 5 M N= 7)
 - ❖ CAAS (Female N= 16 Male N =2)
 - ❖ Sociology(Female N= 4 Male N=0)
 - ❖ Psychology(Female N=5 Male N=1)
 - ❖ Communications(Female N= 0 Male N= 1)
 - ❖ Biology(Female N= 0 Male N=1)
 - ❖ CTEC (Female N=0 Male N=1)
- ❖ Reason Major Was Chosen
 - ❖ Expected Salary (F N=2 Male N=1)
 - ❖ Parental Expectations (Female N=2 Male N=1)
 - ❖ Interested them (Female N=24 Male N=12)
 - ❖ Advisement Suggested Female (N=4 Male N=0)



RESULTS

$X^2 (3) = 4.051, p = .256$
Not significant

			Salary	Parental Expectation	Interested Me	It was suggested by others	Total
How would you describe your gender?	Male	Count	1	1	12	0	14
		Standardized Residual	1.2	.0	.2	-1.1	
	Female	Count	0	2	24	4	30
		Standardized Residual	-.8	.0	-.1	.8	
Total		Count	1	3	36	4	44

$X^2 (6) = 18.520, p = .005$
Significant

		What is your major?							Total	
		Criminal Justice	Studies	Child and Adolescent	Sociology	Psychology	Communications	Biology	Computer Technology	
Gender	Male	Count	7	2	0	1	2	1	1	14
		Standardized Residual	1.6	-1.6	-1.1	-.7	1.7	1.2	1.2	
	Female	Count	5	16	4	5	0	0	0	30
		Standardized Residual	-1.1	1.1	.8	.4	-1.2	-.8	-.8	
Total		Count	12	18	4	6	2	1	1	44

DISCUSSION

The results of this study suggest the following:

- ❖ Males are more likely to be CRJU and COMM majors and less likely to be CAAS majors.
- ❖ One person, a male, chose their major due to an expected salary.
- ❖ The relationship between genders and the selected majors was significant; there was no significant correlation between gender and the reason students chose their major.

