

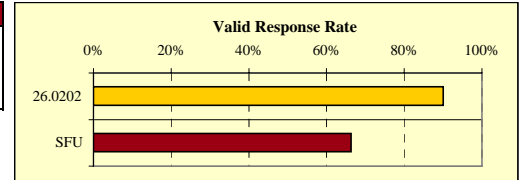
# B.C. University Student Outcomes 2001 Survey of 1996 Baccalaureate Graduates

Detailed Summary of Survey Results  
Simon Fraser University  
6 Digit CIP: 26.0202: Biochemistry

■ SFU  
■ 26.0202

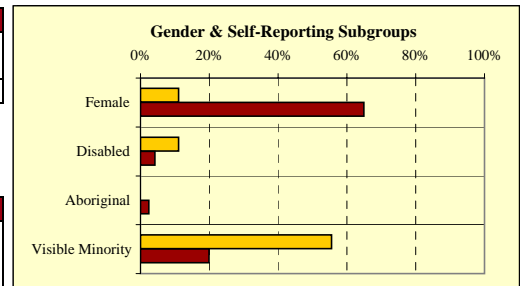
## RESPONSE RATE

1. Survey Response Rate:	26.0202	SFU	
Baccalaureate Graduates Survey Cohort	14		2,373
Net Frame	10		2,219
Survey Respondents and Valid Response Rate	9	90%	1,472 66%



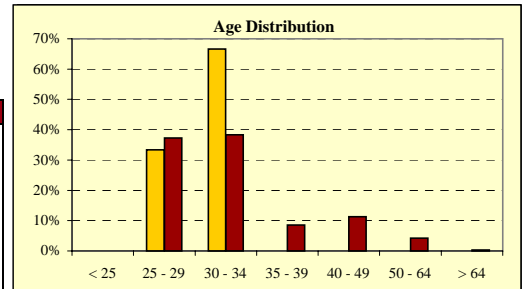
## DEMOGRAPHIC INFORMATION

2. Gender:	26.0202	SFU	
Male	8	89%	516 35%
Female	1	11%	956 65%
Total	9	100%	1,472 100%

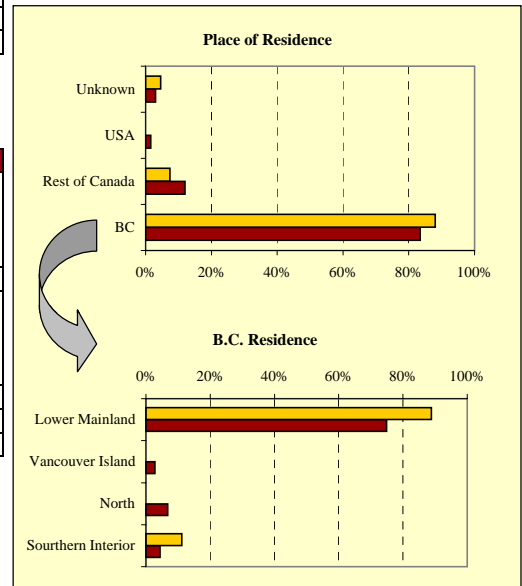


3. Self-Reporting Subgroups:	26.0202	SFU	
Disabled	1	11%	62 4%
Aboriginal	-	0%	35 2%
Visible Minority	5	56%	293 20%

4. Age (at time of survey):	26.0202	SFU	
< 25	-	0%	- 0%
25 to 29	3	33%	548 37%
30 to 34	6	67%	564 38%
35 to 39	-	0%	126 9%
40 to 49	-	0%	167 11%
50 to 64	-	0%	62 4%
> 64	-	0%	5 0%
Unknown	-	0%	- 0%
Total	9	100%	1,472 100%
Mean Age:	29.9		33.2

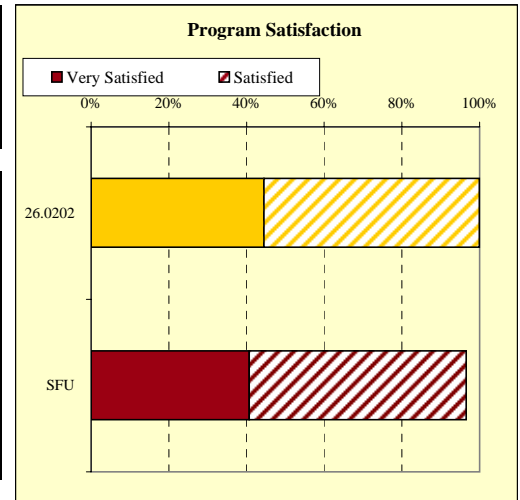


5. Place of Residence (at time of survey):	26.0202	SFU	
BC - Lower Mainland	8	89%	1,103 75%
BC - Vancouver Island	-	0%	41 3%
BC - North	-	0%	100 7%
BC - Southern Interior	1	11%	65 4%
B.C. Subtotal	9	100%	1,309 89%
Canada - Alberta	-	0%	44 3%
Canada - Ontario	-	0%	38 3%
Canada - Other	-	0%	11 1%
U.S.A.	-	0%	36 2%
Non-B.C. Subtotal	-	0%	129 9%
Unknown	-	0%	34 2%
Total	9	100%	1,472 100%



EDUCATION SATISFACTION & PROGRAM EVALUATION

6. Program Satisfaction:	26.0202		SFU	
Very Satisfied	4	44%	597	41%
Satisfied	5	56%	822	56%
Dissatisfied	-	0%	43	3%
Very Dissatisfied	-	0%	6	0%
Total	9	100%	1,468	100%

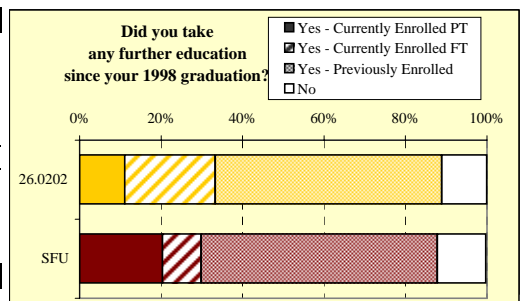


7. Would you select the same program again?	26.0202		SFU	
Yes	6	75%	1,082	75%
No, because . . . (multiple response question)	2		353	
. . . not enough course variety offered	-	0%*	10	2%*
. . . skills acquired were not very useful	-	0%*	48	10%*
. . . courses were poorly taught	-	0%*	3	1%*
. . . program was too general	-	0%*	52	11%*
. . . courses were not practical	-	0%*	52	11%*
. . . interests have changed	1	50%*	80	17%*
. . . little or no career opportunities	1	50%*	137	29%*
. . . disagree with grading system	-	0%*	-	0%*
. . . disliked institution	-	0%*	2	0%*
. . . other	-	0%*	92	19%*

\* Percent of total responses, among those who would not take program again

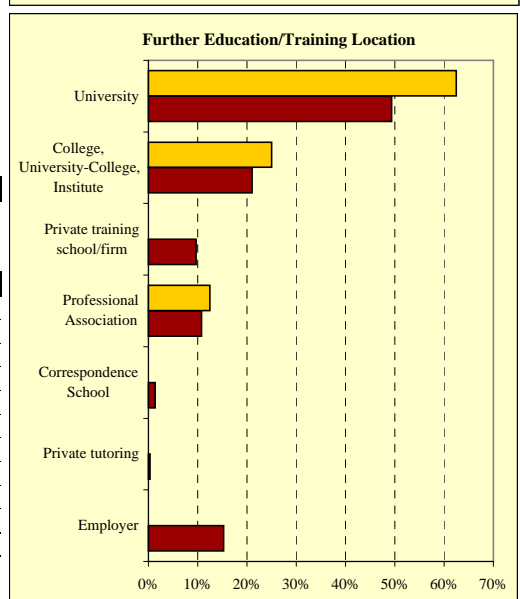
FURTHER EDUCATION

8. Took further education since 1996 graduation?	26.0202		SFU	
Yes:	8	89%	1,296	88%
Not currently enrolled	5	56%	854	58%
Currently enrolled full-time	2	22%	140	10%
Currently enrolled part-time	1	11%	299	20%
No	1	11%	176	12%
Total	9	100%	1,472	100%



9. Further education/training location (multiple resp.):*	26.0202		SFU	
University	5	63%*	640	49%*
College, University-College, Institute	2	25%*	273	21%*
Private training school/firm	-	0%*	125	10%*
Professional Association	1	13%*	140	11%*
Correspondence School	-	0%*	18	1%*
Private Tutoring	-	0%*	4	0%*
Employer	-	0%*	198	15%*
Other	-	0%*	40	3%*
Total Respondents	8		1,296	

\* Percent of respondents



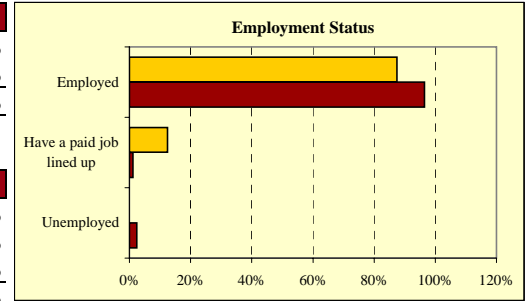
10. Main Reason for Further Education:	26.0202		SFU	
Pursue another Bachelor degree	1	13%	75	5%
Pursue Masters studies	2	25%	128	9%
Pursue Doctoral studies	2	25%	29	2%
Career / job / employment related	3	38%	919	64%
Challenge myself intellectually	-	0%	133	9%
To please parents/family	-	0%	-	0%
Did not have a primary/main reason for enrolling	-	0%	3	0%
Required by employer	-	0%	45	3%
Other	-	0%	101	7%
Total	8	100%	1,433	100%

**Detailed Summary of Survey Results**  
**Simon Fraser University**  
**6 Digit CIP: 26.0202: Biochemistry**

■ SFU  
■ 26.0202

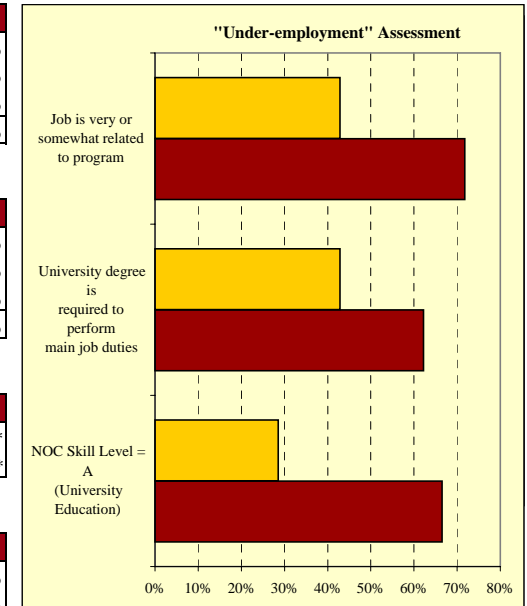
**EMPLOYMENT**

11. Labour Force Status:	26.0202	SFU		
In Labour Force (working or seeking work)	8	89%	1,347	92%
Not in Labour Force	1	11%	125	8%
Grand Total	9	100%	1,472	100%



12. Employment Status of those IN Labour Force:	26.0202	SFU		
Employed	7	88%	1,299	96%
Have a paid job lined up	1	13%	15	1%
Unemployed	-	0%	33	2%
Total Labour Force	8	100%	1,347	100%

13. Status of Graduates NOT in Labour Force:	26.0202	SFU		
Attending School FT	1	100%	46	37%
Attending School PT	-	0%	7	6%
Other	-	0%	72	58%
Total NOT in Labour Force	1	100%	125	100%



14. Employment Type:	26.0202	SFU		
Paid worker	6	86%	1,140	88%
Self-employed	-	0%	93	7%
Both a paid worker and self-employed	1	14%	66	5%
Total Employed	7	100%	1,299	100%

15. Job Characteristics:	26.0202	SFU		
I hold more than one job	2	29%*	181	14%*
My main job is full-time (>= 30 hours per week)	7	100%**	1,092	86%**

\* of total employed      \*\* of those who provided data on hours/week worked

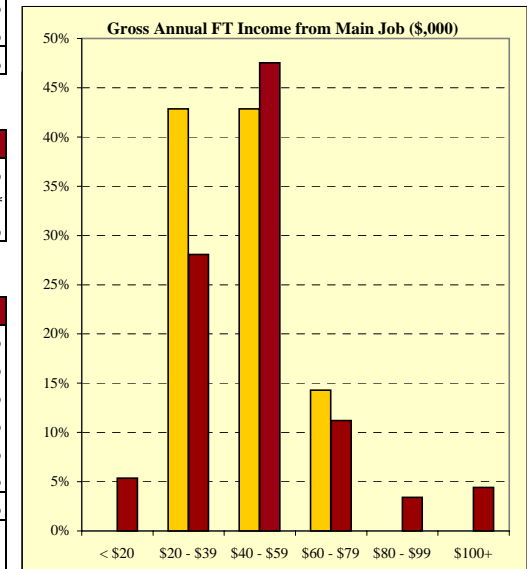
16. How related is your main job to your program?:	26.0202	SFU		
Very Related	1	14%	524	40%
Somewhat Related	2	29%	408	31%
Not Very Related	2	29%	178	14%
Not At All Related	2	29%	189	15%
Total	7	100%	1,299	100%

17. "Under-employment" Assessment:	26.0202	SFU		
Job is very or somewhat related to program	3	43%	932	72%
University degree is required to perform main job duties	3	43%*	773	62%*
NOC Skill Level = A (University Education)	2	29%	857	66%

\* of total valid responses

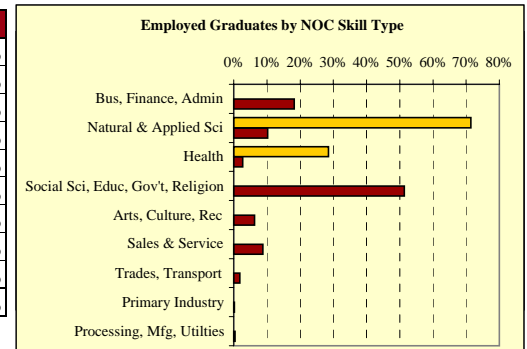
18. Gross Annual Income from Main Job:*	26.0202	SFU		
Less than \$20,000	-	0%	64	5%
\$20,000 to \$39,999	3	43%	336	28%
\$40,000 to \$59,999	3	43%	569	48%
\$60,000 to \$79,999	1	14%	134	11%
\$80,000 to \$99,999	-	0%	41	3%
\$100,000 and Above	-	0%	53	4%
Total	7	100%	1,197	100%
Median Annual Income (full-time)	\$40,000		\$45,000	
Average Annual Income (full-time)	\$47,473		\$52,038	

\* where data provided

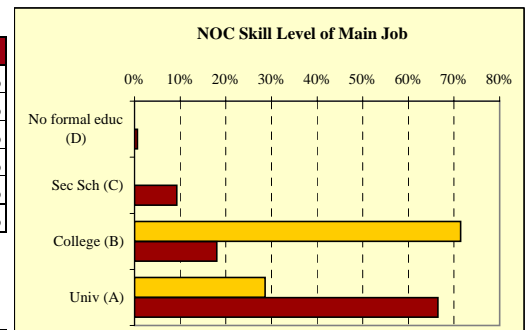


EMPLOYMENT, continued

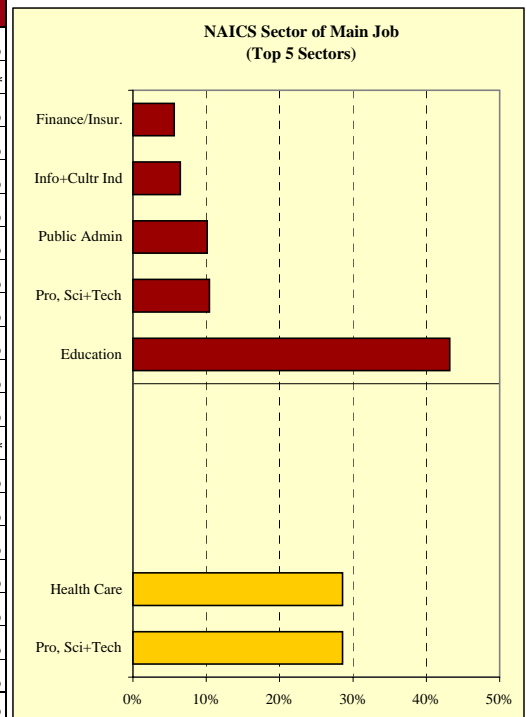
19. NOC Skill Type of Main Job:	26.0202	SFU
Business, Finance and Administration	- 0%	234 18%
Natural and Applied Sciences and Related	5 71%	131 10%
Health	2 29%	35 3%
Social Sciences, Educ., Gov't Services, Religion	- 0%	659 51%
Arts, Culture, Recreation and Sport	- 0%	80 6%
Sales and Service	- 0%	113 9%
Trades, Transport and Eqp. Operators and Related	- 0%	23 2%
Unique to the Primary Industry	- 0%	3 0%
Unique to Processing, Manufacturing and Utilities	- 0%	5 0%
Total	7 100%	1,283 100%



20. NOC Skill Level of Main Job:	26.0202	SFU
A. University education	2 29%	857 66%
B. College education/trade apprenticeship	5 71%	232 18%
C. Secondary school + job-specific training	- 0%	119 9%
D. No formal education	- 0%	8 1%
No Skill Level assigned (management)	- 0%	73 6%
Total	7 100%	1,289 100%



21. NAICS Sector of Main Job:	26.0202	SFU
Agriculture, Forestry, Fishing and Hunting	* *	5 0%
Mining and Oil and Gas Extraction	* *	* *
Utilities	* *	7 1%
Construction	* *	11 1%
Manufacturing	* *	50 4%
Wholesale Trade	* *	17 1%
Retail Trade	* *	36 3%
Transportation and Warehousing	* *	21 2%
Information and Cultural Industries	* *	83 6%
Finance and Insurance	* *	72 6%
Real Estate and Rental and Leasing	* *	14 1%
Professional, Scientific and Technical Services	2 29%	134 10%
Management of Companies and Enterprises	* *	* *
Admin., Support, Waste Mgmt., Remediation Svcs.	* *	12 1%
Education Services	* *	554 43%
Health Care and Social Assistance	2 29%	60 5%
Arts, Entertainment and Recreation	* *	24 2%
Accommodation and Food services	* *	22 2%
Other Service (except Public Administration)	* *	30 2%
Public Administration	* *	130 10%
Total	7 100%	1283 100%



\*data not displayed where n < 2

**Detailed Summary of Survey Results  
Simon Fraser University  
6 Digit CIP: 26.0202: Biochemistry**

■ SFU  
■ 26.0202

**EMPLOYMENT, continued**

22a. Top 10 Full-time Occupations of 26.0202 Graduates:				26.0202	
NOC	NOC	Skill Level Description		% Employed FT in this Occ.**	Median FT Salary
2221	B	Biological Technicians		43%	\$34,000
*					
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\*data not displayed where n < 2

\*\*percentages cited are of those for whom occupational data was provided, full-time and part-time

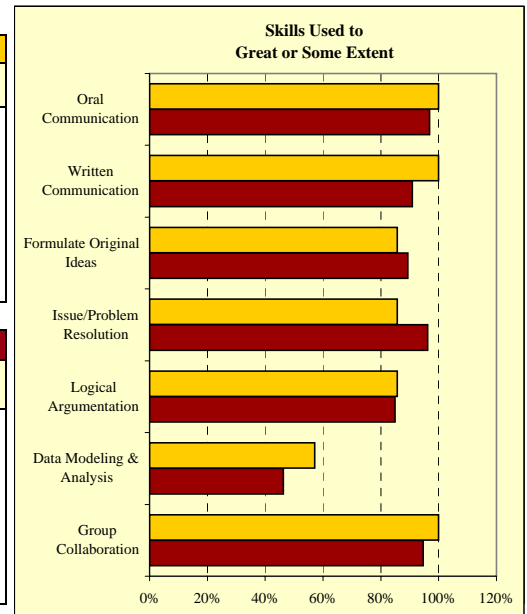
22b. Top 10 Full-time Occupations of Graduates from Simon Fraser University:				SFU	
NOC	NOC	Skill Level Description		% Employed FT in this Occ.**	Median FT Salary
4142	A	Elem & Kindergarten Teacher		17%	\$42,000
4141	A	Secondary School Teachers		13%	\$42,000
1111	A	Financial Auditors & Acnts		3%	\$58,250
2173	A	Software Engineers		2%	\$75,000
1122	A	Occs in Bus Svcs to Mgmt		2%	\$64,300
5124	A	Occs in Public Relations & Comm		2%	\$45,000
4112	A	Lawyers & Quebec Notaries		1%	\$70,000
4212	B	Community & Social Srvc Workers		1%	\$40,020
0611	N/A	Sales, Marketing & Advrt Managers		1%	\$67,500
1114	A	Other Financial Officers		1%	\$49,750

\*data not displayed where n < 2

\*\*percentages cited are of those for whom occupational data was provided, full-time and part-time

**SKILLS USED IN EMPLOYMENT**

23a. To what extent do you use [the following skills] in your main job?	26.0202				# Resp.
	Great Extent	Some Extent	Small Extent	No Extent	
Oral Communication	86%	14%	0%	0%	7
Written Communication	71%	29%	0%	0%	7
Formulate Original Ideas	57%	29%	14%	0%	7
Issue/Problem Resolution	71%	14%	14%	0%	7
Logical Argumentation	71%	14%	14%	0%	7
Data Modeling & Analysis	0%	57%	43%	0%	7
Group Collaboration	71%	29%	0%	0%	7



23b. To what extent do you use [the following skills] in your main job?	SFU				# Resp.
	Great Extent	Some Extent	Small Extent	No Extent	
Oral Communication	82%	15%	2%	1%	1,298
Written Communication	69%	21%	6%	3%	1,298
Formulate Original Ideas	54%	35%	8%	3%	1,297
Issue/Problem Resolution	77%	19%	3%	1%	1,298
Logical Argumentation	52%	33%	12%	3%	1,296
Data Modeling & Analysis	20%	26%	27%	27%	1,294
Group Collaboration	77%	18%	4%	1%	1,297

**EDUCATION FINANCING**

24. Education Funding Sources (2 sources per respondent):	26.0202		SFU	
Personal Savings	1	11%*	229	16%*
Employment	6	67%*	885	60%*
Family/Friends	6	67%*	545	37%*
Bank Loans	1	11%*	21	1%*
Student Loans	2	22%*	528	36%*
Scholarships/Bursaries/Grants	-	0%*	166	11%*
Other	-	0%*	30	2%*
<b>Total Respondents</b>	<b>9</b>		<b>1,472</b>	

\* Percentage of respondents who identified this source

25. Financial Debt Incurred to Finance Univ. Education:	26.0202		SFU	
Incurred any form of financial debt	3	33%*	654	46%*
Incurred government-sponsored student loan debt	1	11%*	541	38%*

\* Percentage of respondents who provided data

26. Financial Debt Amount:*	26.0202		SFU	
< \$1,000	-	0%	3	0%
\$1,000 to \$4,999	-	0%	68	10%
\$5,000 to \$9,999	-	0%	128	20%
\$10,000 to \$14,999	2	67%	119	18%
\$15,000 to \$19,999	-	0%	57	9%
\$20,000 to \$29,999	1	33%	139	21%
\$30,000 to \$39,999	-	0%	76	12%
\$40,000 or More	-	0%	64	10%
<b>Total</b>	<b>3</b>	<b>100%</b>	<b>654</b>	<b>100%</b>
<b>Median Financial Debt</b>	<b>\$14,000</b>		<b>\$15,000</b>	

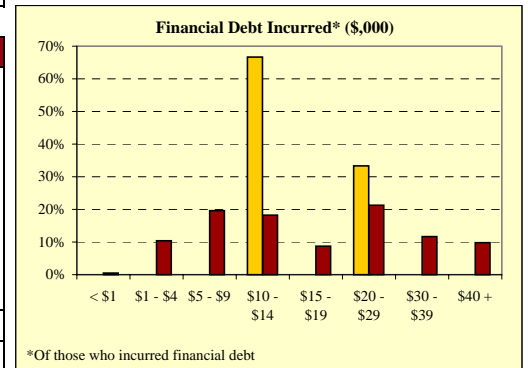
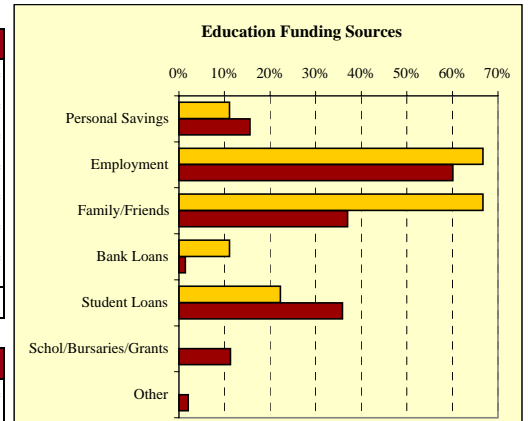
\*includes only cases where financial debt was incurred

27. Government-Sponsored Student Loan Debt Amount:*	26.0202		SFU	
< \$1,000	-	0%	2	0%
\$1,000 to \$4,999	-	0%	54	10%
\$5,000 to \$9,999	-	0%	108	20%
\$10,000 to \$14,999	1	100%	101	19%
\$15,000 to \$19,999	-	0%	68	13%
\$20,000 to \$29,999	-	0%	139	26%
\$30,000 to \$39,999	-	0%	53	10%
\$40,000 or More	-	0%	16	3%
<b>Total</b>	<b>1</b>	<b>100%</b>	<b>541</b>	<b>100%</b>
<b>Median Gov't-Sponsored Student Loan Debt</b>	<b>\$14,000</b>		<b>\$15,000</b>	

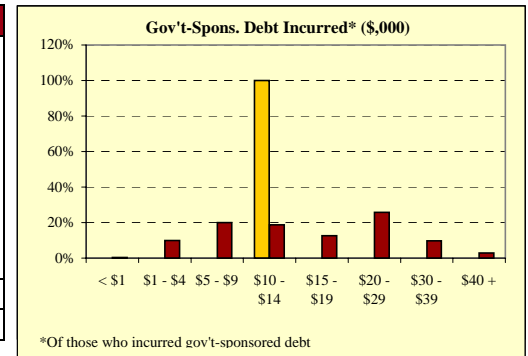
\*includes only cases where government-sponsored debt was incurred

28. Outstanding Gov't-Sponsored Loan Debt Amount:*	26.0202		SFU	
None - Loan repaid in full	-	N/A	179	36%
< \$1,000	-	N/A	10	2%
\$1,000 to \$4,999	-	N/A	61	12%
\$5,000 to \$9,999	-	N/A	75	15%
\$10,000 to \$14,999	-	N/A	73	15%
\$15,000 to \$19,999	-	N/A	38	8%
\$20,000 to \$29,999	-	N/A	51	10%
\$30,000 to \$39,999	-	N/A	12	2%
\$40,000 or More	-	N/A	3	1%
<b>Total</b>	<b>-</b>	<b>N/A</b>	<b>502</b>	<b>100%</b>
<b>Median Gov't-Sponsored Loan Debt Outstanding</b>	<b>\$0</b>		<b>\$5,000</b>	

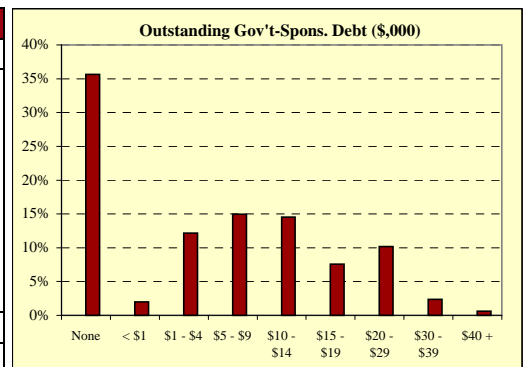
\*includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided



\*Of those who incurred financial debt



\*Of those who incurred gov't-sponsored debt

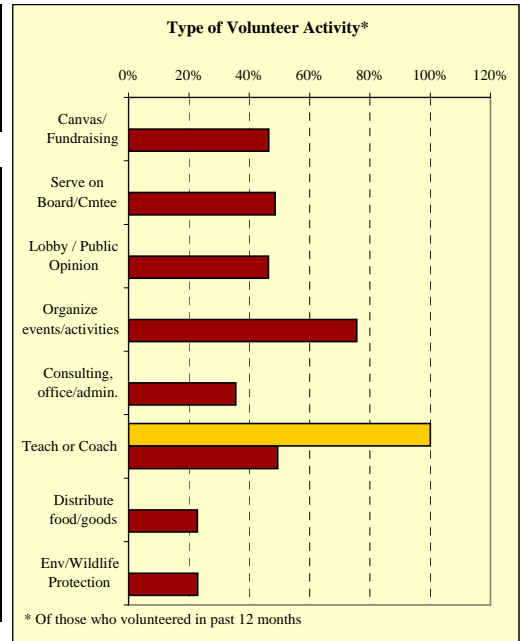


**SPECIAL SECTION ON COMMUNITY INVOLVEMENT / VOLUNTEER ACTIVITY**

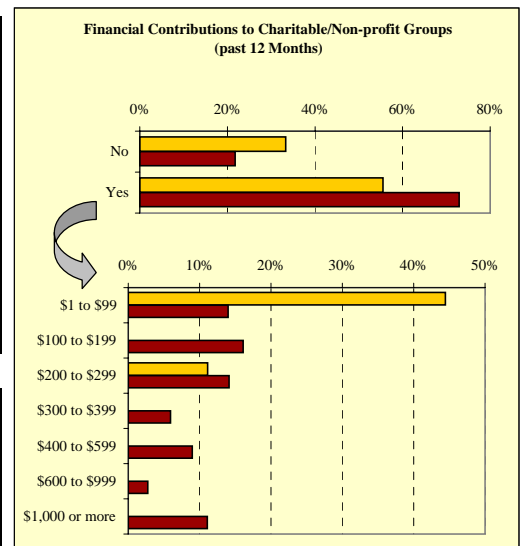
29.	In the past 12 months, have you acted as an unpaid volunteer?	26.0202	SFU
	No	7 88%	585 40%
	Yes	1 13%	872 60%
	Volunteer Hours/Week (Median)	10	1

30.	In the past 12 months, as an unpaid volunteer for an organization did you...	26.0202	SFU
	do any canvassing, campaigning or fundraising?	- 0%*	405 46%*
	serve as an unpaid member of a board or committee?	- 0%*	424 49%*
	provide information or help to educate, influence public opinion, or lobby others?	- 0%*	404 46%*
	help to organize/supervise activities/events for an organization?	- 0%*	660 76%*
	do any consulting, executive, office or administrative work?	- 0%*	310 36%*
	teach or coach for an organization?	1 100%*	431 49%*
	collect, serve or deliver food or other goods?	- 0%*	199 23%*
	engage in any activities aimed at protecting the environment or wildlife?	- 0%*	200 23%*

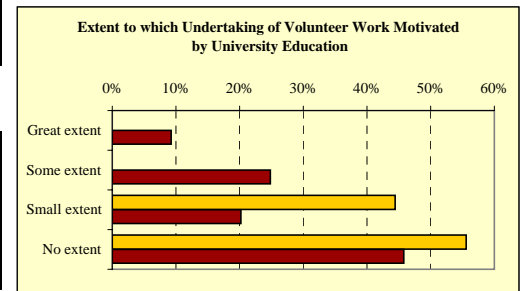
\*percentages are of those who have acted as an unpaid volunteer in the past 12 months



31.	Financial contributions to charitable or non-profit groups in past 12 months	26.0202	SFU
	\$0 (None)	3 33%	320 22%
	\$1 to \$99	4 44%	206 14%
	\$100 to \$199	- 0%	237 16%
	\$200 to \$299	1 11%	208 14%
	\$300 to \$399	- 0%	87 6%
	\$400 to \$599	- 0%	132 9%
	\$600 to \$999	- 0%	40 3%
	\$1,000 or more	- 0%	163 11%
	Median Annual Contribution	\$50	\$200



32.	Member or Participant in...	26.0202	SFU
	Union/Professional Association (work-related)	5 56%	970 66%
	Political organization	- 0%	76 5%
	Cultural, educational or hobby organization	2 22%	493 33%
	Sports or recreation organization	4 44%	627 43%
	Religious-affiliated group	- 0%	282 19%
	School group, civic, or community association	- 0%	418 28%
	Other	- 0%	108 7%



33.	To what extent did your university education motivate you to undertake volunteer work?	26.0202	SFU
	Great extent	- 0%*	132 9%*
	Some extent	- 0%*	355 25%*
	Small extent	4 44%*	289 20%*
	No extent	5 56%*	655 46%*

\*percentages are of those who thought question was applicable