SoCS Council Meeting

April 17, 2018

AGENDA

- 1. Approval of Agenda
- 2. Approval of Minutes from Mar 20, 2018
- 3. Interim Director's Remarks Pascal
- 4. Academic Staff Hiring Committee Andrew
- 5. Graduate Curriculum Committee Stefan
- 6. Any other business

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3. INTERIM DIRECTOR'S REMARKS: Staff

We'll miss you, Janice! Welcome back, Jennifer!

3.	INTERIM DIRECTOR'S REMARKS: NSERC DG
	☐ 5 applications ☐ 1 successful (congratulations, Joe!)
3.	INTERIM DIRECTOR'S REMARKS: Director Search
	 □ 18 external candidates □ 1 preliminary interview yesterday (video conference) □ 3 preliminary interviews tomorrow (video conference) □ 2 interviews and campus visits on May 10 and 11

Proposed new T&P guidelines from Chemistry, Physics, Math & Stats have been approved by the Provost.

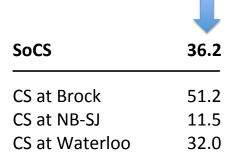
They were submitted to the College T&P Committee two years ago.

Approval of SoCS' guidelines in W20?

3. INTERIM DIRECTOR'S REMARKS: Meeting with the Provost

1-hr meeting with Provost, Dean, and CEPS Manager Finance & Administration rescheduled from APR 4 to APR 24

Current (FTE undergrad + FTE grad) / (FTE faculty)



3. INTERIM DIRECTOR'S REMARKS: Student to Faculty Ratios

Current (FTE undergrad) / (FTE faculty)

	-
SoCS	33.9
SoE	29.3
CEPS	24.1
CS at Waterloo	28.5

Estimated (FTE undergrad) / (FTE faculty) in 2018-19

SoCS	36.4	
SoE	29.3	+5.5 FTE faculty
CEPS	24.1	+11.5 FTE faculty
CS at Waterloo	28.5	+6 FTE faculty

3. INTERIM DIRECTOR'S REMARKS: MSc in Cybersecurity



School of Computing, Science & Engineering ${\it I}$

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Courses	
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Department of Computer Science

Home > Computer Science > People > Academic Staff > Ali Dehghan Tanha

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Member of the <u>Security of Advanced Systems</u> research group

Google scholar

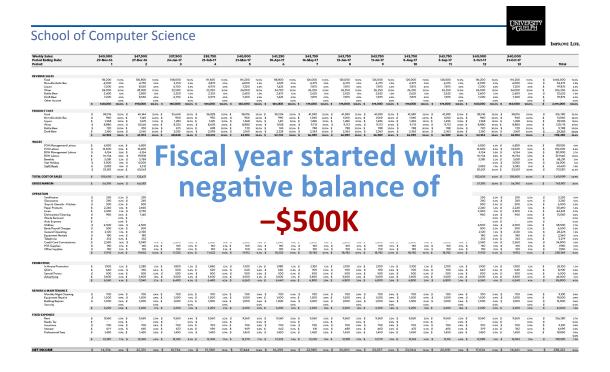
All publications



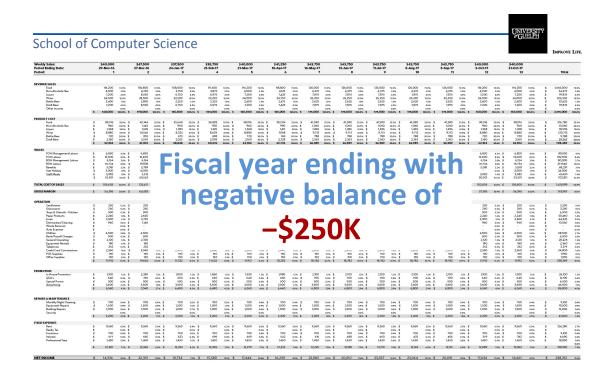
3. INTERIM DIRECTOR'S REMARKS: 2017-18 Budget

kly Sales: od Ending Date: od:	\$40,000 29-Nov-16		\$47,500 27-Dec-16 2		\$37,500 24-Jan-17 3		\$38,750 21-Feb-17 4		\$40,000 21-Mar-17 5		\$41,250 18-Apr-17 6		\$43,750 16-May-17 7		\$43,750 13-Jun-17 8		\$43,750 11-Jul-17 9		\$43,750 8-Aug-17 10		\$43,750 \$-Sep-17 11		\$40,000 3-Oct-17 12		\$40,000 31-Oct-17 13			Total
NUE SALES																												
Food Non-Alcoholic Bey	115,200 4,000	72.0% 2.5%	196,800 4,750	72.0% 2.5%	108,000	72.0% 2.5%	111,600 3,875	72.0% 2.6%	115,200 4,000	72.0% 2.5%	118,800 4,125	72.0% 2.8%	4.275	72.0% 2.8%	4.375	72.0% 2.8%	126,000	72.0% 2.5%	126,000	72.0% 2.8%	126,000 4,375	72.0% 2.8%	115,200 4,000	72.0% 2.8%	115,200 4,000	72.0%	\$	1,566,000
Liquer Wine	7,200 24,000	4.5%	8,550 28,500	15.0%	6,750 22,500	150%	6,975 23,250	4.5%	7,200 24,000	150%	7,425 24,750	4.5% 15.0%	7,875 26,250	4.5%	7,875 26,250	4.5%	7,875 26,250	4.8% 15.0%	7,875	45% 150%	7,875 26,250	4.5%	7,200 24,000	45%	7,200	4.5%	5	97,835
Sottle Seer Draft Seer	2.400	1.5%	2.850	1.5%	2.250	1.5%	2,325 6,975	15%	2.400	1.5%	2,475	15%	2.625	1.5%	2,625 7,875	15%	2.625	1.5%	2.625	1.5%	2.625	15%	2,600	15%	2.400	1.5%	5	32,625
Other Income	7,200	4.5%	8,550	4.5%	6,750	4.5%	-	4.5%	7,200	4.5%	7,425	0.5% 0.0%	7,675	4.5%	-	4.5%	7,875	4.5% 00%	7,875	4.5% 0.0%	7,875	0.0%	7,200	45%	7,200	4.5%	5	97,875
	\$ 160,000	100.0% \$	190,000	100.0% 5	150,000	100.0% \$	155,000	100.0% \$	160,000	100.0% \$	165,000	100.0% \$	175,000	100.0% \$	175,010	100.8% S	175,000	100.0% \$	175,000	109.0% 5	175,000	100.0% \$	160,000	100.0% \$	160,000	100.0%	\$	2,175,000
OUCT COST																												
Food NorrAlcoholic Bay	\$ 38,016 \$ 960	23.0% S 24.0% S	45,144 1,140	20.0% S	35,640 900	22.0% S	36,828 930	22.0% \$ 24.0% \$	38,016	22.0% S	39,204 990	33.0% S 24.0% S	41,590 1,050	20.0% \$ 24.0% \$	41,590 1,050	33.0% S 34.0% S	41,580 1,050	23.0% S 24.0% S	41,580	23.0% \$ 24.0% \$	41,580	33.0% S 24.0% S	38,016 960	33.0% \$ 34.0% \$	38,016	23.0% 24.0%		516,780 13,050
Liquor	\$ 1,368	mon \$	1,625	11.0% \$	1,283	18.0% \$	1,325	18.0% \$	1,768	180% \$	1,411	19.0% \$	1,496	180% \$	1,496	19.0% \$	1,496	79:0% \$	1,496	19.0% \$	1,496	19.0% \$	1,368	19.0% \$	1,268	78.0%	š	18,596
Wine Bottle Beer	\$ 8,880 \$ 720	TON \$	10,545 855	310% \$	8,325 675	310% \$	8,603 698	310% \$	8,880 720	310% \$	9,158	37.0% \$ 30.0% \$	9,713	200% \$	9,712 788	37.0% \$ 30.0% \$	9,713	370% \$ 300% \$	9,713	333% \$ 303% \$	9,713 788	37.0% \$ 30.0% \$	8,880 720	37.0% \$ 30.0% \$	8,880 720	310% 310%	\$	120,713
Draft Seer	\$ 2,160	350% \$	2,565	33.0% \$	2,025	33.0% \$	2,093	30.0% \$	2,160	30.0% \$	2,228	30.0% \$	2,363	300% \$	2,363	30.0% \$	2,363	200% \$	2,363	20.0% \$	2,363	30.0% \$	2,160	30.0% \$	2,160	32.0%	š	29,363
	\$ 52,904	32.6% \$	61,834	32.4% \$	48,545	12.4% \$	50,476	32.4% \$	\$2,104	32.4% \$	52,722	33.6% \$	56,939	32.4% \$	\$6,989	32.4% \$	56,989	32.4% \$	56,989	32.4% \$	56,989	33.6% \$	52,904	32.6% \$	52,904	32.4%		705,259
S	5 6850	439.5	6.850		6850		6.850		6.850		6.850		6.850		6.890		6.850	22% 5	6.850	2.9% \$	6.850	2.9% \$	6.850		6.850	42%		89.050
FOH Management Labour FOH Labour	\$ 13,600	13% 5	15.400	10% S 87% S	13,000	46% S	13,300	40% S	13,600	43% S	13,900	42N \$	14.500	19% S	14,500	2.9% \$	14,500	83% 5	14,500	0.3% \$	14,500	9.2% \$	13,600	4.2% S	12,600	85%	3	182,500
BOH Management Labour BOH Labour	\$ 6,184 \$ 19,734	28% \$	6,354	12% \$	6,354	43% \$	6,154	40% \$	6,154	2.0% \$	6,154	22% \$	6,154	25% \$	6,154	35% \$	6,84	25% \$	6,154	35% \$	6,154	35% S 102% S	6,154	20% S	6,154	10%	5	80,000 217540
BOH Labour Renefits	\$ 15,734 \$ 5,081	90% S	79,838	10																		10.2% S	5,081	3.2% \$	5.081	32%	5	68,291
Stat Holiday	\$ 3,000 \$ 3,002	19% \$	6,000	3																		17% \$	3.082	0.0% \$	3,000	19%		24,000
Staff Meals	\$ 53,501	19% \$ 22.6% \$	67,542	22	_												L _	_	_	_	_	10% S 12.4% \$	50,501	10% \$ 216% \$	53,501	22.4%	\$	702,811
COST OF SALES	\$ 105,605	saon S	125.417		Ba	_	-					_	_ 4	L	-	- 6	~ 6			n /	78	683% \$	102.605	641% \$	105 605	44.00		1411099
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IS MARGIN	\$ 54,395	240% \$	64,583	34		o le			\cup	\cup	U I			L	13			"		IV		34.9% \$	57,395	25.9% \$	54,395	340%		763,901
ATION								•		-					_			_			•							
Smallwares	\$ 250	0.2% \$	250																			07% \$	250	0.2% \$	250	0.2%	5	3,250
Glasswares Trace & Utersils - Kitchen	\$ 250 \$ 500	02% S	250 500																			07% S	250 500	0.2% \$	250	0.2%	8	3,250
Paper Products	\$ 2240	14% 5	2660	14% \$	2,900	14% \$	2,170	14% \$	2,240	14% \$	2.390	14% \$	2,450	14% \$	2,450	14% \$	2.450	1.4% \$	2,450	1.4% \$	2.450	14% \$	2.240	14% \$	2.240	14%		30.450
Lines Dishwashes/Cleaning	\$ 2,300 \$ 960	27% \$	3,750 1,140	20% \$	3,150 900	27% \$	3,225 930	274 \$	3,200 960	27% \$	3,375 990	20% \$ 04% \$	1,525	2.0% \$	3,525	20% \$	3,525 1,050	20% \$ 04% \$	1,050	20% \$	1,050	2.0% \$ 0.6% \$	2,300 960	21% \$ 0.6% \$	2,300 960	23%	\$	44,325
Waste Removal	\$ 960	0.0% \$	(140	0.0% \$	900	0.0% \$	940	0.0% \$	960	0.0% \$	990	00N S	1,050	0.0% S	1,080	0.0% \$	1,050	0.0% \$	1,050	0.0% \$	1,050	0.0% \$	960	0.0% \$	960	20%	3	1,000
Auto Expense	s .	0.0% \$		0.0% \$		0.0% S		0.0% S		0.0% \$		00N \$		0.0% \$		0.0% \$		00% \$		0.0% \$		0.0% \$		0.0% \$		0.0%	\$	
Utäties Bank/Payroll Charges	\$ 4,500	0.9% S	4,500 500	0.2% \$	4,500	10% \$ 02% \$	4,500	02% \$	4,500 500	2.9% \$ 0.2% \$	4,500	27% \$ 03% \$	4,500	24% \$ 02% \$	4500	2.4% \$ 0.2% \$	4,500 500	24% \$ 03% \$	4,500 500	2.4% \$ 0.2% \$	4,500	24% \$ 0.2% \$	4,500	2.8% \$ 0.2% \$	4,500	0.2%	•	58,500 6,500
General Operating	\$ 2,120	13% \$	2.330	1.2% \$	2.050	Les S	2,085	12% \$	2120	1.2% \$	2.155	13% \$	2.225	12% \$	2.225	1.2% \$	2.225	13% \$	2.225	12% \$	2.225	1.2% \$	2,120	13% \$	2120	1.2%	5	28,225
Equipment Rentals Telephone	\$ 180 \$ 252	07% \$ 02% \$	180 252	07% S	180 252	02% \$	180 252	02% \$	180 252	07% \$ 0.2% \$	180 252	03% \$ 02% \$	190 252	00% \$	190	00% \$	180 252	07% \$ 07% \$	180 252	07% \$ 07% \$	180 252	07% S	180 252	0.2% \$	180 252	02%		2,340 3,279
Credit Card Commissions	\$ 2,560	15% \$	3,040	16% \$	2,400	16% \$	2.480	1.6% \$	2,560	16% \$	2,640	1.6% S	2,800	1.6% \$	2,800	1.6% \$	2,800	16% \$	2,800	16% \$	2,900	16% \$	2,560	1.6% \$	2,560	1.6%	8	34,900
POS Supplies Office Supplies	\$ 150 \$ 150	07% S	150	07% S	150	00% \$	150	07% S	150	07% S	150	03% S	190	00% \$ 00% \$	150	00% S	150	03% S	150	03% \$ 03% \$	150	0% S	150	076 5	150	03%	5	1950
	\$ 17,912	12% S	19,652	10.0% \$	17,332	20% \$	17,622	11.4% S	17,912	112% \$	19,202	11.0% \$	19,782	107% \$	16,782	10.7% \$	18,782	10.7% \$	19,782	10.7% \$	19,792	10.7% \$	17,912	H2% \$	17,912	12%	- 5	238,369
OTION																												
In House Promotion	s 1,920 s 640	12% \$	2,280	12% \$	1,800	12% \$	1,860	12% \$	1920	12% \$	1980	12% \$	2,100	12% \$	2,100	12% \$	2,100	12% \$	2,100	12% \$	2,100	12% \$	1,920	12% \$	1,920	1.2%	5	26,100
QSA's Special Promo	\$ 500	0.0% S	500	0.4% \$	500	0.4% \$	500	0.4% \$	500	0.0% \$	500	0.4N S	700 500	0.m \$	700 500	0.8% \$	700 500	0.4% \$ 0.3% \$	700 500	0.8% \$	700 500	0.4% \$	500	0.4% \$ 0.2% \$	500	0.4%	5 5	8,700 6,500
Advertising	\$ 3,500 \$ 6,560	22% S	3,500 7,040	10% \$	3,500	2.2% S	3,500	2.2% S	3,500 6,560	2.2% S	3,900	23% \$ 40% \$	3,500 6,800	20% \$	3,500 6,800	2.0% \$	3,500 6,800	20% \$	3,500	2.0% \$	3,500	2.0% S	3,500 6,560	2.2% S	3,500	22%	1	45,500 86,800
RS & MAINTENANCE Monthly Night Cleaning Conferent Second	s 700 s 1500	04% \$	700	0.4% \$	700	05% \$	700	05% \$	700	04% S	700 1500	0.4N S	700	04% \$	700	0.4% S	700	0.4% \$	700	0.4% \$	700	0.4% \$	700	0.4% S	700	0.4%	5	9,100
Equipment Regains Ruilding Resains	\$ 1,500 \$ 1,000	DAN S	1,500	0.8% S	1,500	10% \$ 07% \$	1,500	10% \$	1,500	00% \$ 04% \$	1,000	DAN S	1,500	08% \$	1,500	G4% \$	1,500	OFN \$	1,500	0.8% \$	1,500	0.6% \$	1,500	20% \$	1,500	D9% D8%	\$	19,500
Security	5 3200	0.0%	3 200	0.0%	1200	0.0% 17% 5	3 200	0.0%	3,200	0.0%	3 200	00% 18% 5	3 200	0.0% 1.6% \$	3 200	0.0%	1 200	00% 189 S	3 200	0.0%	3 200	0.0%	1200	0.0% 2.0% \$	1200	20%	š	41600
	\$ 1,200	10% \$	3,200	17% \$	3,200	23% \$	3,200	276 \$	1,200	2.0% \$	3,200	19N S	3,200	13% \$	3,200	1.8% \$	1,200	1.8% \$	3,200	1.0% \$	3,200	18% \$	3,200	2.0% \$	3,200	2.0%	5	41,600
EXPENSES	5 9360	50% S	9.560	50% \$	9.560	100 1	9.560	626. \$	9.560	50% S	9.960	586. \$	9.960	106. \$	9.960	104 1	9.160	556. 5	9.560	55% E	9560	106. 1	9360	60% B	9.160	60%		124 290
Realty Tax	4	0.0% \$.,,	0.0% \$.,,	0.0% \$.,,	0.0% \$.,,	0.0% \$.,	00% \$.,,	00% \$	1,000	0.0% \$.,	00% \$.,,	0.0% \$.,,	0.0% \$.,,	0.0% \$.,,	0.0%	5	-
Insuarece	\$ 700 \$ 677	DAY S	700	0.4% \$	700 623	0.6% \$	700 196	0.5% \$	100	DAY S	700 542	0.4% S	700 575	0.0% \$	700 488	0.4% S	700 460	0.4% S	700	0.4% \$	700 406	0.4% \$ 0.2% \$	700 379	0.4% \$	700 352	0.4%	5	9,100
Professional Fees	\$ 1,450	09% \$	1,450	0.0% \$	1,450	10% \$	1,450	02% \$	1,450	09% \$	1,450	03% \$	1,450	0.0% \$	1,490	0.8% \$	1,450	0.8% \$	1,450	0.8% \$	1,450	0.0% \$	1,450	0.9% \$	1,450	0.2%	8	18,850
	\$ 12.307	226 \$	12360	1.0% S	12.222	124. 5	12.306	TON S	12 279	77% S	12.252	74% S	12 225	TON \$	12.198	70% \$	12170	70% S	12,143	APK 5	12.116	40% 5	12.089	TANK S	12,062	7.8%		158,920
		176.3	12,960	*** 3		100.3																				15%		1,420

3. INTERIM DIRECTOR'S REMARKS: 2017-18 Budget



3. INTERIM DIRECTOR'S REMARKS: 2017-18 Budget



\$220K to be made through DE courses

→ balance is -\$19K

\$710K for all additional staff (SLs, TAs, clerk, etc.)

→ balance is -\$74K

\$20K for travel/hospitality

→ balance is -\$49K

\$198K for hardware, software, supplies, phone, etc.

→ balance is -\$5K

3. INTERIM DIRECTOR'S REMARKS: 2018-19 Budget

Making money: □ CIS*1000 DE merge □ CIS*1200 DE create
Saving money:
□ TAS minimize
☐ GSA Academic Integrity Officer
☐ Office Clerk
□ Social Media Communications Intern □ Undergraduate Recruitment and Outreach Go Code Girl □ SOCIS (CS Games, CUSEC, CAN CWIC)
☐ Undergraduate Recruitment and Outreach Goode Girl
☐ SOCIS (CS Games, CUSEC, CAN CWIC)
SoCS Festive Celebration (Dec)

\square 370 students in CIS*1200 DE in W17 and >\$10K prof	fit
☐ 250 students in CIS*1200 DE in W18 and >\$0 profit	
CIS*1200 DE will be offered in W19	

3. INTERIM DIRECTOR'S REMARKS: Reynolds

\$270K over budget for renovations >> \$270K less for furniture (40% cut)

Issue being discussed with Dean, PR, etc.

3. INTERIM DIRECTOR'S REMARKS: Thornbrough
Renovation of THRN 2418 expected to start in May and end in June.
3. INTERIM DIRECTOR'S REMARKS: Guaranteed GTAs
Starting May 1st
 □ Prospective graduate students will have to apply □ Up to 2 GTAs per year for 3 years for domestic PhD's □ Up to 1 GTA per year for 2 (MSc) or 3 (PhD) years otherwise

4. ACADEMIC STAFF HIRING COMMITTEE

TA allocation process

- AHW asked to be chair of Academic Staff Hiring committee for W18 hiring round (i.e.; in November)
- landscape as of W18:
 - we are required to provide jobs for all of the grad students at "1" for their "level of consideration"
 - there were 42 of these for W18, out of only 57.5 TA positions: 74.8% of all TA positions
 - only information gathered during application process may be used for selection (due to CUPE agreement + labour law)
 - all of our students (but especially graduates) have difficulty writing good applications:
 - not responding to the advertisement text
 - not characterizing level of skill
 - likely unfamiliar with job application process
 - ... poor information for allocation
 - some people have expressed dissatisfaction with GTAs

What is being done?

In order to get better information from applicants, these things are being done:

- job descriptions are being updated to include these questions:
 - "Have you been a TA for this course before?"
 - "Have you been a TA for any computer science courses before?"
 - "How do you rate your expertise on the material in this course?"
 - "Does this assessment based on more than the calendar description?"
- a sample application has been created, outlining the types of responses we want to see for job posting questions:
 - an answer to the question, with familiarity ranked from low through high
 - a statement supporting the self assessment

What is being done?

Further, at grad admission time, prospective students are asked for the following:

- identify at least four courses that they have familiarity with
 - (two in fall, two in winter)
- for each course:
 - rank their skills on each job posting description item
 - provide an explanatory statement
- this will allow us to understand at admission time if this student can support a GTA

What is still to do?

Training:

- graduate students don't have familiarity with our program:
 - need job training
 - need feedback and mentoring
- very, very few students know how to write an application
 - sample application has helped already for summer applicants
 - ▶ 13 (4 GTA + 9 UTA) of 44 applicants provided good info for summer
 - more materials available for fall
 - will run a session for student applicants in midsummer

What does the committee need from you?

- please tell your students about this information
- currently students seem very confused. e.g., for the summer session:
 - 5 grad students applied to UTA jobs for which they are ineligible
 - ▶ 4 grad students "applied" for GTA but provided no information relevant to the job application. In one case, a 7 page document was sent, with no relevant information
 - note that posting include straightforward items such as "must know Python" – so these are a very poor applications
- with your TAs, please go over course requirements, and background/training that they will need, at the beginning of the term
- please evaluate your TAs they need feedback on their performance, and so do we!