SoCS Council Meeting

Apr 18, 2017

AGENDA

1. Approval of Agenda
2. Approval of Minutes from Mar 21, 2017
3. Approval of Minutes from Mar 28, 2017
4. Approval of Minutes from Apr 4, 2017
5. Interim Director's Remarks — Pascal
6. Associate Director's Remarks (Undergraduate Studies) — Judi
7. Computing Infrastructure Committee — Kyle
8. Closing Remarks — Pascal
9. Any other business

5. INTERIM DIRECTOR'S REMARKS

5. INTERIM DIRECTOR'S REMARKS: Staff

Office Clerk

- Monaliza works half time for SOCS half time for Chemistry
- She has nightmares about writing meeting minutes for SOCS
- Therefore, **she will work full time for Chemistry starting May 1**

Two 2-year CL teaching focused positions

- We have interviewed 5 candidates
- Please send comments by tomorrow noon
- Search Committee will select 2 out of 5 this Thu

Requested third CL position?

- Deb on admin leave F17-S18
- **1-year CL faculty position** to compensate
- Candidate ranked 3rd will be offered the position

One Assistant Professor position

- Posting up since Mar 23 and until Apr 23
- Review of applications will begin Apr 24
- Interviews in June or July
- About 50 applications so far

Requested second Assistant Professor position?

- Blair will start phased retirement in F17
- **Rozita's CL converted to tenure track** (May 1, 2017)

Associate professor position (cybersecurity)

- **Posting up since yesterday** and until May 14
- Review of applications will begin May 15
- Interviews in June or July
- 2 applications so far

F17 Target Enrolment
= 200

Expected Enrolment
= **185**

Current Interim Director

- May 1, 2016, to Apr 30, 2017
- Pascal

Next Interim Director

- May 1, 2017, to Apr 30, 2018
- **Pascal**

6. ASSOCIATE DIRECTOR'S REMARKS (UNDERGRADUATE STUDIES)

Growth

victims of our own success

Growth

Class sizes

Multiple instructors for courses

New instructors for established courses

Hordes of TAs

Consistency!!!

Consistency in Courses

Courtesy of Scott Ginsberg presentation.

Every instructor needs to know:

What is taught in prerequisite courses

The exact list of topics for the course being instructed

This means changes have to be communicated broadly

Motion Passed by School Council Feb 14, 2012

MOTION: That for every 1st and 2nd year CIS course required in the BComp CS or BComp SENG a course syllabus be made available to all SOCS instructors.

Most of the first and second year courses have [guideline documents created](#) (from 2012)

Should expand to include third year courses as those are likely to be taught by different instructors

Need to add learning outcomes

Action	Performance	Verbs
Knowledge	• Recall information • Mastery of subject matter	List, define, tell, describe, identify, show, label, collect, examine, record, name, underline
Comprehension	• Understanding information • Interpret facts, predict consequences • Translate knowledge into a new context	Interpret, predict, associate, estimate, differentiate, discuss, recognize, review, locate, extend
Application	• Use information • Solve problems using required skills and knowledge	Apply, demonstrate, calculate, illustrate, solve, examine, modify, manipulate, discover, practice
Analysis	• Seeing patterns • Organization of parts • Recognition of meaning	Connect, explain, classify, arrange, compare, select, relate, solve, categorize
Synthesis	• Generalize from given facts • Relate knowledge from several areas • Draw conclusions	Design, formulate, arrange, assemble, construct, create, organize, re-arrange, combine, integrate, compose, generalize
Evaluation	• Compare and discriminate between ideas • Assess value of information based on criteria • Make choices based on reasoned argument	Assess, rank, test, measure, recommend, judge, appraise, justify, summarize, support
Creation	• Combining elements into a pattern not clearly there before	Create, invent, compose, predict, plan, construct, design, imagine, propose, devise, formulate, combine, hypothesize, formulate

What we have:

Learning Outcomes for the B.Comp

Major Specific Outcomes for CS and SEng

Learning Outcomes for the Interdisciplinary PhD

Learning Outcomes for the M.Sc

What we need:

Learning Outcomes for **each** course

CIS*2520

Describe and implement common data structures for solving complex programming problems including algorithms for the creation, insertion, deletion, searching, and sorting of each data structure.

Analyse the space and time efficiency of algorithms including algorithms for the creation, insertion, deletion, searching, and sorting of data structures discussed.

Select and correctly use the appropriate abstract data type for programming problems.

What this means for you

Nearly everyone will be asked to help refine/create learning outcomes for at least one course

Nearly everyone will be asked to help refine/create instructor guidelines for at least one course

New instructors are invited to make suggestions about information that should be included in instructor guidelines

Everyone is expected to adhere to the guidelines when teaching. Don't skip stuff, don't add stuff

Instructor guidelines will be on the SOCS wiki and will be freely available to students, faculty and staff.

We'll be posting instructor guidelines and learning outcomes for courses over the next couple months.
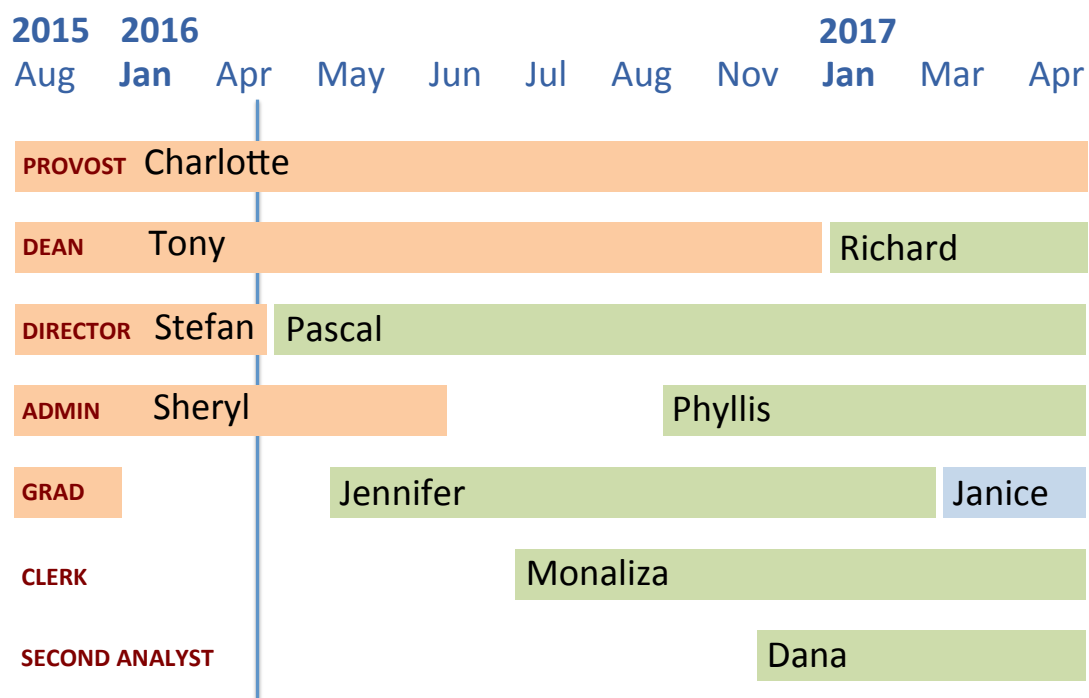
You might be asked for your input.

Follow the guidelines for courses you teach.

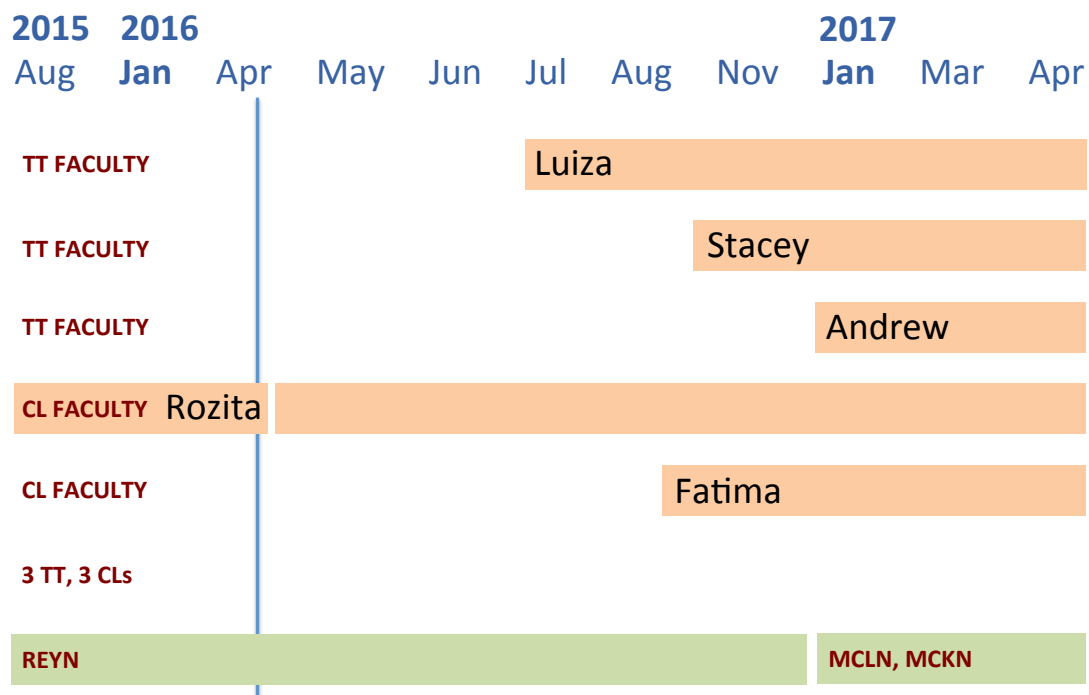Don't skip things, don't add things

tl;dr

8. CLOSING REMARKS

8. CLOSING REMARKS: Admin and Staff

	2015	2016								2017		
	Aug	Jan	Apr	May	Jun	Jul	Aug	Nov		Jan	Mar	Apr

PROVOST	Charlotte	
DEAN	Tony	Richard
DIRECTOR	Stefan	Pascal
ADMIN	Sheryl	Phyllis
GRAD		Jennifer — Janice
CLERK		Monaliza
SECOND ANALYST		Dana

8. CLOSING REMARKS: Faculty

	2015	2016								2017		
	Aug	Jan	Apr	May	Jun	Jul	Aug	Nov		Jan	Mar	Apr

TT FACULTY	Luiza
TT FACULTY	Stacey
TT FACULTY	Andrew
CL FACULTY	Rozita
CL FACULTY	Fatima
3 TT, 3 CLs	
REYN	MCLN, MCKN

8. CLOSING REMARKS: Hiring

3 TT faculty

1 grad program assistant
1 office clerk
1 administrative assistant
1 systems analyst
1 grad program assistant
1 CL faculty

1 office clerk
1 administrative assistant
3 CL faculty
1 TT faculty
1 TT faculty (Associate)

8. CLOSING REMARKS: Writing

IQAP follow-up report

Case for hiring more faculty and staff
Case for summer academic semester
Case for MSc in cybersecurity

8. CLOSING REMARKS: Dreaming

10 more faculty
1 expansion building

More time for family
More time for research
Retirement

8. CLOSING REMARKS: Thanks!

Students
Staff
Faculty
Chairs
Assistant and Associate Directors