

SoCS Graduate Studies & MCTI Updates

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- New CEPS minimum funding levels coming for MSc and PhD students
- MCTI enrollment update
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New CEPS Minimum Funding levels for F24 admissions

- PhD: **\$25,000/year** for 4 years (up from \$21,500)
- MSc: **\$20,000/year** for 2 years (up from \$16,500)
- Impacts current admissions cycle
- SoCS and College will work with supervisors of previously approved admissions and in-program students with funding levels below this amount to make up short-falls to reduce inequities.

MCTI Enrollments

Final F23 Enrollments

- 31 new intake
- 11 from W23
- 4 from F22 cohort

Total enrollment: 46

W24 Enrollment numbers

- Accepted – 26 (22 Int'l + 4 Domestic)
 - 2 Withdrawals (All int'l)
 - 5 Possible deferrals (All int'l)
- F23: 31 students
- Continuing FT: 1
- Continuing PT: 2

**Expected enrollment: 54
(target was 60)**

MCTI Degree Requirements

- 3.0 credits of coursework (5 cybersecurity-related courses + a professional seminar course)
- 1.0 credits completed by
 - 4-month industry internship
 - 4-month research project supervised by a UofG faculty member
 - 2 additional courses in the cybersecurity or related area

MCTI Degree Requirements

- 3.0 credits of coursework (5 cybersecurity-related courses + a professional seminar course)
- 1.0 credits completed by
 - 4-month industry internship
 - 4-month research project supervised by a UofG faculty member
 - 2 additional courses in the cybersecurity or related area

**Focus of today:
Mitacs Projects**



MCTI Mitacs Projects

- MCTI has partnered with Mitacs to sponsor industry internships through their Mitacs Accelerate program
 - Same \$7,500 industry / \$7,500 Mitacs funding arrangement
 - Expedited “internal” review process
- \$10,000 salary paid to student
- \$5,000 goes to faculty for supporting other research activities (equipment, attending conferences or other travel – any eligible Mitacs research expense)

MCTI Mitacs Project Process for Summer internships

(Fall process starts in April/May)

October/November: UofG faculty invited to participate (SoCS, SoE, Lang)

- Interested faculty with links to profiles/bios posted on program website

November: Industry invited to submit Expression of Interest (Eoi) to participate in the program.

- Eoi includes project summary, benefits to the intern, 1st & 2nd choice faculty supervisors
- Eois are reviewed for eligibility, possibly iterated if promising, approved / denied

December: MCTI students invited to submit CVs

December: Faculty-project matching occurs

- Project offered to: 1st choice faculty, then 2nd choice faculty, then MCTI director

December: Matched industry-faculty projects are advertised to MCTI students

- Students select 3 potential projects; Student CVs sent to industry partners

December / January: Industry reviews CVs and coordinates student interviews

MCTI Mitacs Project Process (cont'd)

January: Mitacs rep conducts workshop for students on how to write a proposal

January: Students, faculty, industry partner start working on their proposal

- **Faculty supervisor leads proposal writing** in collaboration with student and industry partner
- Student or faculty prepares digital proposal submission in Mitacs online submission system

early February: Proposals due; reviewed by MCTI director/delegate

mid-February: Proposals submitted to Mitacs online system (**new!**); Internal reviewers solicited by MCTI director/delegate

February/March: Mitacs and ORS review & sign-off on proposals

March/April: Mitacs contacts internal reviewers; iteration may be needed

April: Mitacs approves proposals and contacts ORS to set up research accounts

May-August: Mitacs internship projects begin

New this year

- In the past, faculty supervision was restricted to Cybersecurity faculty, due to the nature of the projects
- Increasing requests for cybersecurity-related projects that demand cross-disciplinary expertise (e.g., AI, HCI, risk qualification, economic and business impacts)
- Opportunity for participation was extended to all UofG faculty members
 - Hoping to grow interest and breadth of participating faculty to attract more potential industry partners
 - Next call for interested faculty will be in April/May

Expectations for Mitacs Faculty Supervisors

Proposal stage:

- Lead the Mitacs proposal writing process in collaboration with the student and industry partner
- With direction, students can write much of the proposal
- Sample proposals can be provided

During project:

- Supervising student as they work with the company (mentor, technical and professional advice, etc.)
- Regular (~bi-weekly) meetings with the student and industry partner to ensure project goals are being met

End of project:

- Assessment and communication to MCTI admin staff of pass/fail project outcome for CIS*6560 MCTI Project grade submission

Questions?