

Research Security Institutional Objective and Performance Table 2023-2024

Project Title	Actual Expenditures	Performance Objectives	Performance Indicators	Target outcome	Reported Outcomes
Research Security Centre of Excellence	\$975,916	Establishing the University of Ottawa as a Research Security Centre of Excellence to enable state-of-the art security research and training.	<ul style="list-style-type: none"> • Completion and fit up of Cyber Hub. • Completion and fit up of Cyber Range. <ul style="list-style-type: none"> ○ 4 training scenarios accessible ○ 2 training tools accessible ○ 2 different tools will enable the University to be more flexible and accessible (i.e., on site and virtual) in providing training internally and to external partners, while maintain a high standard in the level of training. • Completion and fit up of Security Operation Centres. • Commence Research Security activities. • Deploy Research Security training activities. • Provide security research and experiential learning opportunities for trainees and external partners (e.g., academic institutions, government department and agencies, industry, not-for-profits, etc.). 	<ul style="list-style-type: none"> • Enhanced opportunities for security training • Enhanced opportunities for research in security-related disciplines • Access to immersive, scenario-led exercises to upskill and reskill students and partners • Access to security-related infrastructure for research • Improved institutional position in security research for the University of Ottawa and national recognition as a centre of excellence • Access to security research and experiential learning opportunities within interdisciplinary research environments that are not currently accessible to the research community • Greater access to training programs since they will be available both on site and online 	<p>In progress.</p> <p>Both facilities were launched in October 2023.</p> <p>Regarding the performance objective of enabling state-of-art security research and training, four training scenarios and two training tools are now accessible. However, the objective is still a work in progress.</p> <p>The equipping of Security Operation Centre (SOC) is still in progress and the migration of the SOC to the CyberHub will be completed in early 2025.</p> <p>Regarding providing security research and experiential learning opportunities for trainees and external partners (e.g., academic institutions, government department and agencies, industry, not-for-profits, etc.):</p> <ul style="list-style-type: none"> • Sessions can be booked for external clients and students. • Some sessions have been delivered as part of the launch. <p>The following Research Security activities, including trainings, have been completed:</p> <ul style="list-style-type: none"> • March and April 2023 Research Security Network developed through uOttawa and Government of Canada department. • May and June 2023 Research security stakeholder roundtable set up. Second meeting Nov 2023. • August and September 2023 Senior analyst hired to support researchers • October 2023 One-stop shop launched (uOttawa webpage) to inform research

					<p>community of research security matters and implement research security training activities</p> <ul style="list-style-type: none"> • October and November 2023 Purchase of OSINT tools to support research community due diligence processes and activities • 6 briefings and presentations between Nov 2023 and Feb 2024 provided to OVPRI teams and Research Advisors on policies and process • 2 resources created for Research Advisors and uOttawa researchers to complete due diligence process • 11 strategic and/or security-related briefings provided to OVPRI management and/or uOttawa researchers between Apr 2023 to Mar 2024 • Reviewed 29 research security forms between Sept 2023 and April 2024. Workload has already increased exponentially since then. • Ongoing activities: <ul style="list-style-type: none"> a) advising researchers travelling to “higher risk regions and countries on best practices of protecting research. b) Training of research advisors at faculty level in research security technics. <p>Support provided to uOttawa’s six affiliated institutes (CHEO, OHRI, Bruyère Hospital, Savoir Montfort, uOHI)</p>
Research Security Tools, Process and Mechanisms	\$172,992	Better position the University of Ottawa, and its research community, with tools, processes, and mechanisms to ensure excellence in research security.	<ul style="list-style-type: none"> • Continued maintenance and use of Contract Management system to ensure excellence research and intellectual property security. • Install and configure the core appliances of a Network Access Control Solution. • Create and define NAC policies. • Rollout NAC to pilot faculty and then to the broader research community after validation. 	<ul style="list-style-type: none"> • Secure documentation and maintenance of contracts and intellectual property • Multiple network perimeter and endpoint security controls to prevent potential intrusion from external threats • Network Access Control (NAC) to provide automated enforcement and remediation of endpoint security threats by ensuring policy compliance for network access thus ultimately protect user and research activities. 	<p>In progress.</p> <p>Regarding contract and IP management, secure software for storing contracts and IP information has been deployed.</p> <p>Regarding the annual subscription for the network access control, the following actions are in progress:</p> <ul style="list-style-type: none"> • Segregating the institutional network from campus • Continuous vulnerability assessment and remediation

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