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| Research Security Centre of Excellence | $949,167 | Establishing the University of Ottawa as a Research Security Centre of Excellence to enable state-of-the-art security research and training. | • Completion and fit up of Cyber Hub.  
• Completion and fit up of Cyber Range.  
  o 4 training scenarios accessible  
  o 2 training tools accessible  
  o 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 maintaining 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.). | • 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 | In progress. |

- Regarding the performance objective of establishing uOttawa as a Research Security Centre of Excellence by completing and equipping the Cyber Hub and Cyber Range, both facilities were launched in October 2023. This objective has been achieved.
- 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.
- Concerning research security activities (as a component of the Research Security Centre of Excellence), the following activities were completed:
  • February 2023 Creation of inaugural directorate, strategic initiatives research (security), and hiring of research security director  
  • 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  
  • August and September 2023 Senior analyst hired to support researchers  
  • October 2023 One-stop shop launched (uOttawa webpage) to inform research community of research security matters and implement research security training activities.
| Research Security Tools, Process and Mechanisms | $200,950 | Better position the University of Ottawa, and its research community, with tools, processes, and mechanisms to ensure excellence in research security. | - 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. | - 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. | In progress.
- Regarding contract and IP management, secure software for storing contracts and IP information has been deployed.
- Regarding the annual subscription for the network access control, the following actions are in progress:
  - Segregating the institutional network from campus
  - Continuous vulnerability assessment and remediation
  - Validation of users and assignment to them of roles to enforce access and use policies, to protect the network from security threats
  - Authorization, authentication and auditing of network devices (both managed and non-managed)
  - Role-based access control for devices, or application post-authentication
  - Confidentiality and containment of intellectual property through policy enforcement |