

CANADIAN BIOSECURITY RESOURCES

NAME	DESCRIPTION	LINK
Human Pathogens and Toxins Act	This Act is one of the key pillars of a safety and security program for human pathogens and toxins along with the Human Pathogens and Toxins Regulations	http://lois-laws.justice.gc.ca/eng/acts/H-5.67/FullText.html
Human Pathogens and Toxins Regulation	This program applies to everyone conducting specified activities with human pathogens and toxins whether imported or domestically acquired, including: production, possession, handling, use, storage, access to, transfer, disposal, release, abandonment, import or export.	http://lois-laws.justice.gc.ca/eng/regulations/SOR-2015-44/index.html
Canadian Biosafety Standard (CBS)	A key licence condition is mandatory compliance with the CBS. The CBS supports the full implementation of the HPTA and the HPTR, including new requirements on licences, inventories, BSOs, exposure reporting, and HPTA security clearances.	http://canadianbiosafetystandards.collaboration.gc.ca **App available in Google Play/Apple Store
Canadian Biosafety Handbook (CBH)	The CBH provides core information and guidance on how the biosafety requirements outline in the CBS can be achieved	http://canadianbiosafetystandards.collaboration.gc.ca
Canadian Biosafety Guidelines	The Canadian Biosafety Guidelines are a series of guidance publications that expands upon a variety of biosafety and biosecurity concepts discussed in the CBH.	http://canadianbiosafetystandards.collaboration.gc.ca
PHAC E-learning portal	PHAC's e-learning portal offers free online biosafety learning resources. 21 courses on different biosafety topics, including introduction to biosafety, microbiology overview, introducing biosecurity, and more.	www.publichealth.gc.ca/training
Pathogen Safety Data Sheets (PSDS)	Technical documents that describe the hazardous properties of human pathogens and recommendations for work involving these agents in a laboratory setting	www.phac-aspc.gc.ca/lab-bio/res/psds-ftss/index-eng.php **App available in Google Play/Apple Store
PHAC E-Newsletter	Regular newsletter distributed via e-blast, which details key program updates.	http://www.phac-aspc.gc.ca/lab-bio/subscribe-eng.php

CANADIAN NUCLEAR SECURITY RESOURCES

Nuclear Safety and Control Act	The Nuclear Safety and Control Act (NSCA) establishes the regulatory framework for nuclear matters in Canada.	http://laws-lois.justice.gc.ca/eng/acts/N-28.3/
Nuclear Non-proliferation Import and Export Control Regulations	Under the <i>Nuclear Safety and Control Act</i> , and its regulations, Canadian importers and exporters are required to obtain and comply with CNSC licenses controlling the international transfer of nuclear and nuclear-related items. The Nuclear Non-proliferation Import and Export Control Regulations, enacted under the NSCA, are key regulations.	http://laws-lois.justice.gc.ca/eng/regulations/sor-2000-210/FullText.html
Safeguards and Non-proliferation Import and Export REGDOC-2.13.2	This regulatory document is part of the CNSC's safeguards and non-proliferation series of regulatory documents, which also covers regulatory controls on import and export of prescribed items.	http://nuclearsafety.gc.ca/eng/acts-and-regulations/regulatory-documents/published/html/regdoc2-13-2/index.cfm#sec1

CYBER SECURITY RESOURCES		
Fundamentals of Cyber Security for Canada's Critical Infrastructure Community	This document offers action-oriented guidance and mitigation measures to raise awareness and begin working towards achieving a minimum baseline level of cyber security	https://www.publicsafety.gc.ca/cnt/rsrscs/pblctns/2016-fndmntls-cybr-scrty-cmmnty/index-en.aspx
Report a Cyber Security Incident - Canadian Cyber Incident Response Centre (CCIRC)	CCIRC is Canada's national coordination centre responsible for reducing the cyber risks faced by Canada's key systems and services.	https://www.publicsafety.gc.ca/cnt/ntnl-scr/cbr-scr/circ-ccirc-en.aspx
Public Safety Canada's "Get Cyber Safe"	Get Cyber Safe provides information on cyber security to help Canadians protect themselves, their families, and their small and medium businesses online. Learn more about the tools and tips to help you stay cyber safe.	https://www.getcybersafe.gc.ca/index-en.aspx **See publications page for additional resources
ADDITIONAL RESOURCES		
FBI Insider Threat Brochure	An FBI-published brochure detailing the risk of insider threats, including current case examples in the university / research laboratory context.	https://www.fbi.gov/file-repository/insider_threat_brochure.pdf
FBI: "Preventing Loss of Academic Research"	An FBI-published report detailing the threat to US colleges and universities from foreign adversaries and economic competitors.	https://publicintelligence.net/fbi-spin-protecting-academic-research/
DHS Intelligence Assessment: Malicious Cyber Actors Target US Universities and Colleges	A Department of Homeland Security (DHS) intelligence assessment outlining cyber actors methods and techniques in targeting universities and colleges.	https://publicintelligence.net/dhs-university-cyber-threats/
FBI; Higher Education and National Security	An FBI-published document detailing targeting of US campuses and universities by foreign states and non-state actors.	https://www.fbi.gov/file-repository/higher-education-national-security.pdf