



<b>Newsline</b>	Research Security		
<b>Week</b>	Sept. 22-26, 2025		
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<b>Resource Package</b>			
	1	Research Security Centre (RSC) Weekly Newsline (Sept. 22, 2005)	
	2	Safeguarding Science	

**Executive summary:** Canada faces both strategic opportunities (gap from U.S. funding cuts; new AI task force) and elevated research-security risks (peer-review manipulation, complex scientific fraud, country-linked tech transfer).

**I. Top headlines (what happened and why it matters)**

- Federal AI task force formed:** Canada announced around 20 experts task force to advise on AI research, investment, infrastructure and digital-sovereignty issues; recommendations due this fall may lead to new expectations for data residency and research governance.
- Opportunity from U.S. funding retrenchment:** U.S. science funding cuts create an opening for Canada to attract talent and partnerships, but this will require faster funding decisions and improved international student/onboarding systems. (Strategic opportunity for recruitment and ramping domestic capacity.)
- Sovereignty / defense-data concerns:** Transfer of management for Chalk River to a U.S.-led consortium and reports that DND spent about US\$1.3B on U.S. cloud services have renewed digital-sovereignty and supply-chain concerns for sensitive research/data.
- Scientific-fraud and integrity pressure (paper mills):** “Paper mills” and other sophisticated fraud are accelerating; Tri-Agency Framework for Responsible Conduct of Research will be revised in 2026.
- Peer-review identity vulnerabilities:** Study finds institutional email addresses are no longer a reliable defense against fake peer review (fraudsters are exploiting alias systems and verified domains). This raises immediate publication-integrity risk for journals and institutions.
- Dual-use / tech-transfer risk (Chinese drone experts and Russia):** Reporting indicates Chinese drone experts have worked with a sanctioned Russian arms maker, reinforcing the real-world risk that commercial research/technology can be diverted for military use.

**These news items will be followed by protective steps and actions.**