

Research Security & Safety

The Stony Brook University community has many valuable resources to protect. These bulletins are meant to provide quick facts, best practices, and key University contacts.

Biosecurity

It is important to protect microbiological agents from loss, theft, misuse, and intentional release, as is the need to safeguard related information. Security measures include access controls and training requirements outlined for BSL-1 and BSL-2 laboratories.

Select Agents & Toxins (SAT) and Dual Use Research of Concern (DURC)

SAT are biological agents that have been determined to have the potential to pose a severe threat to public health and safety, to animal and plant health, or to animal or plant products. DURC is research conducted for legitimate purposes that generates knowledge, information, technologies and/or products which could be utilized for both benevolent and harmful purposes. Work with these biological agents is generally conducted at BSL-3 and higher and requires more stringent levels of biosafety and biosecurity measures. **The BSO must be contacted prior to conducting this research.**

Best Practices

- **Threat Identification:** Internal and/or external threats should be considered once a risk assessment has determined the risk associated with theft of, intentional or accidental release of biological materials or from loss of research related data.
- **Physical Security:** Access should be limited to authorized personnel based on the necessity of entering sensitive areas or possessing certain biological materials.
- **Inventory & Accountability:** Procedures should be in place to monitor and track inventory, storage, use, transfer, and destruction of biological materials.
- **Transport of Biological Agents:** Material transport policies are in place that outline the requirements for transporting biological materials on and off campus.
- **Reporting & Communication:** Should security breach occur; PIs and lab personnel should follow departmental reporting requirements and notify University Police and the BSO.
- **Training:** General biosafety & biosecurity training is available through EH&S. Specific security training should be provided by the PI.



Whom to Contact

For questions and concerns related to biosecurity please contact Christopher Kuhlow, Biological Safety Officer (BSO), Alternative Responsible Official (ARO) Biological Select Agent & Toxin Program at:

Christopher.kuhlow@stonybrook.edu

Information related to biosecurity and establishing a biosecurity program can be found in the [Biosafety in Microbiological and Biomedical Laboratories \(BMBL, 6th ed.\)](#)

University Policy

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