Export Control Overview Training
What do the Export Control Regulations cover?

- Research involving military equipment, nuclear technology, and rocket systems
- Research involving Dual Use Items
- International Travel to embargoed countries or destinations covered by economic sanctions

MSU’s Office of Export Control and Trade Sanctions (ECTS) assists MSU faculty, students and staff with export compliance related to export controlled research, international travel, and more…
Three main federal agencies have jurisdiction over the U.S. Export Control Regulatory framework:

- U.S. Department of State - International Traffic in Arms Regulations (ITAR)
- U.S. Department of Commerce - Export Administration Regulations (EAR)
- U.S. Department of Treasury - Worldwide sanctions and embargoes

Other agencies that issue Export Control Regulations:

- Nuclear Regulatory Commission - controls on nuclear materials, equipment, and exports
- Department of Energy - controls on nuclear technology

Let’s take a closer look at a few of these regulations...
What is controlled?

1 - Defense Articles (Military)

State Department – Directorate of Defense Trade Controls (DDTC):

- International Traffic in Arms Regulations (ITAR)
- Items subject to ITAR
  - Items designated on the U.S. Munitions List (USML)
  - Items “specially designed” for one of the items on USML
  - Includes technical data and defense services (training)
- Items are controlled to all destinations
- Civil and Criminal sanctions for violations
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</table>
What is controlled?

2 - Dual Use Items  Commercial goods and technology that could have military applications

Commerce Department – Bureau of Industry and Security (BIS):

- Export Administration Regulations (EAR)
- Items listed on the Commerce Control List (CCL)
  - CCL covers items not on the USML
  - Characteristics of item determines controls
  - Items are controlled only to specific countries
  - Many license exceptions available
- Civil and Criminal sanctions for violations
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What is controlled?

3- Embargoed Countries

Treasury Department – Office of Foreign Assets Control (OFAC):

- Economic sanctions, trade restrictions and embargoes imposed against specific countries for reasons of foreign policy and national security
- Comprehensively embargoed countries currently include: Cuba, Iran, North Korea, Syria & the Crimea, Donetsk People’s Republic (DNR) and Luhansk People’s Republic (LNR) regions of Ukraine
- Civil and Criminal Sanctions for violations
A few regulatory definitions…

- **Export**
  - Physical shipments outside of the US
  - Technology and software accessed from outside the US

- **Deemed Export**
  - Transfer (even a release of information) to a non-US Person in the US is “deemed” to be an export to that foreign national’s country

- **US Person**
  - US citizen or permanent resident (i.e. green card holder)

Note: Access to export controlled items, materials, data and/or software by non-US Persons (even while in the U.S.) may be a export violation

*This is why MSU’s Office of ECTS may inquire as to the citizenship of MSU project personnel on export controlled research projects*
Know the individuals/entities that MSU can do business with – Restricted Party Screening (RPS)

- All major federal agencies have lists of individuals and entities who the University is not permitted to do business with - MSU is required to run RPS for contractual relationships with outside entities.

- MSU’s Office of ECTS utilizes Visual Compliance - a web-based tool that screens multiple federal lists at one time.

- Departments at MSU conducting RPS:
  - Office of Sponsored Programs (OSP)
  - Business Connect
  - MSU Technologies
  - Procurement & Logistics
  - FRIB
  - International Studies
  - You may contact export@msu.edu to request screening as needed.
What is the Fundamental Research Exemption (FRE)?

● Commerce Department definition for export controlled projects:
  ○ Basic and applied research in science and engineering
  ○ The resulting information is “ordinarily published” and shared broadly in the scientific community
  ○ The results of the research are not controlled under Export Control regulations

● If you are conducting Fundamental Research, then the results of your research are not subject to the Export Control Regulations

● State Department – has a similar definition that is a little narrower in that the research needs to take place at an “accredited institution of higher learning in US”

Be careful… the use or generation of export controlled physical items or materials are not covered by the FRE and still may be export controlled.
FRE and Sponsored Research Agreements

● The loss of the FRE can occur through language in sponsored research agreements

● Contracts and grants (even NDA’s or side letters) that contain the following are problematic:
  ○ Publication restrictions
  ○ Publication approval (pre-publication review is ok)
  ○ Restrictions on non-US Persons
  ○ FAR/DFAR clauses (e.g. 252.204.7000)
  ○ Assignment of ownership of IP to Sponsor is problematic

● These restrictions can disqualify the research as fundamental if the results are no longer able to be published and shared broadly with the scientific community
How is Export Controlled research managed at MSU?

- Sponsored Programs & Business Connect negotiate contracts/grants to remove publication and participation restrictions
- If restrictions remain, the MSU’s Office of TCTS will determine if a Technology Control Plan (TCP) is needed to manage the project
- ECTS will work with researchers to develop the TCP
- If you have a non-US Person who needs to work with export-controlled technology, please contact ECTS immediately - export licenses may be needed
Licenses may be required for export controlled activities

• Accepting export controlled technology from a research sponsor, generating export controlled technology here at MSU, or traveling to embargoed countries may require MSU to apply for an export license

• ECTS will assist you with the license application process and submitting on behalf of MSU

• Export licenses are not always approved, so non-US Persons cannot begin work on export-controlled projects until ECTS has approval from the federal government
What is a Technology Control Plan (TCP)?

- A TCP outlines what restrictions are included in a grant/contract including:
  - Publication restrictions
  - Participation restrictions
  - Restrictions on the physical export of controlled items, materials, data & software

- The TCP also describes how materials and/or information are controlled including:
  - Physical Security (locations, item marking, storage, disposition, etc.)
  - Information Security (conversation security, IT Security Plans, transmission protocols)
Technology Control Plans

- Training specific to your TCP will be provided by MSU’s Office of Export Control and Trade Sanctions (ECTS) at the time your TCP is written.
- You will be asked to sign your TCP and certify that you have read and understood the export control management of your project.
- ECTS will also audit your TCP annually to confirm that it is kept up to date. Please notify ECTS of any changes to your TCP including:
  - New faculty, students or staff working with the export-controlled technology that need to be added to the TCP.
  - New export-controlled items, materials, data, software that need to be added to the TCP.
We are here to help!

Please let us know if you have questions.
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Looking for additional Export Control training?
Go to MSU’s CITI login page:
https://michiganstate.sharepoint.com/sites/AbilityTrainingSystemHelpFAQ/SitePages/CITIprograms.aspx