Transportation of Dangerous Goods

Is this something you need to worry about?
Transporting Dangerous Goods Safety

- Do you use Federal Express to send blood?
- Do you use public roads to transport blood samples?
- Is the blood reasonably expected to contain pathogens?
- Is there a minimal likelihood that pathogens are present in the blood?
- Is the blood collected for the purpose of transfusion or transplantation?
Philosophy of Transportation

- Offering and transporting dangerous goods can expose the shipper, carrier and general public to the risks inherent in these materials.
- Transportation workers must take broad precautions to avoid any risk to themselves, the general public, property and the environment.
- IATA Dangerous Goods (international) and DOT Hazardous Materials (USA)
  - Class 6 Toxic and Infectious Substances
  - Division 6.2 Infectious substances
- Training is an essential element in maintaining safe transportation.
Training

- Training Class: required by regulation every 2 years
  - Transportation of Dangerous Goods, Class 6.2 and 9
- Taught quarterly
  - March (UCD), June/July (UCDMC), September (UCDMC) and Nov/Dec (UCD)
- Instructors
  - Karen Shaw
    - Safety Coordinator for the Center for Comparative Medicine
    - 530-752-1561; kesshaw@ucdavis.edu
  - Janice Streisand
    - Safety Coordinator for the California National Primate Research Center
    - 530-754-5348; jgstreisand@ucdavis.edu
- Additional training
  - Security Awareness (every 3 years)
  - Bloodborne Pathogen (annually)
- Class restricted to UCD/UCDMC personnel
- Other training options available
DG Shipping Class Objectives

- Properly classify and identify DG
- Properly pack, mark and label boxes for shipment
- Complete required documentation properly
- Understand limitations, exemptions and exceptions
- Transport safety on the road and in the air
Shipping Classifications

- Infectious Substances
  - Category A
  - Category B
- Exempt Human Specimens
- Exempt Animal Specimens
- Select Agents
- Dry ice
- GMO/GMMO
What’s the big deal?

- Fines
- Criminal Prosecution
  - ValuJet crash 1996
  - Texas Professor: Butler
  - BioArt
- FedEx feared “checklist”
  - Why did my package get rejected?
- FAA Inspections
  - Training
  - Rejected packages