

# **Globalization and International Opportunities**

(Ian Pepper)

1. Rationales for globalization and international work
  - a. More money (principal of leveraging and matching)
  - b. More technology and expertise
  - c. NSF transcending international borders
  
2. What is globalization?
  - a. Foreign companies or universities as members of IUCRC.
  - b. TIE project with another international center (eg WQC/Questor).
  
3. Requirements for globalization
  - a. Scientific/engineering partners abroad
  - b. Similar research interests as foreign partners
  - c. Multiple modes of funding: governmental, private sector, public sector, university.
  
4. Problems
  - a. ITAR (International Tariff and Arms Regulations) – cannot transfer sensitive information or technology to foreign nationals.
  - b. I Proprietary – requirements more complex with international or national requirements.

5. Funding opportunities for globalization and international opportunities.
  - a. Office of International Science and Engineering (OISE).
  - b. TIE Project (I/UCRFC and international center)  
e.g. Arizona WQC and Questor Northern Ireland.
  - c. New NSF programs with international collaborators a requirement (ERC Program).